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**EC Compliance for the period of Oct'24 to March'25 of BEIL Infrastructure Ltd.-Ankleshwar-9701-16 GIDC Industrial Estate, Ankleshwar - 393002.**

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

Date Wed 5/21/2025 1:27 PM

To ec-rdw.cpcb@gov.in <ec-rdw.cpcb@gov.in>; iro.gandhingr-mefcc@gov.in <iro.gandhingr-mefcc@gov.in>; uh-gpcb-hazw@gujarat.gov.in <uh-gpcb-hazw@gujarat.gov.in>; K C Mistry <ms-gpcb@gujarat.gov.in>

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

Dear sir,

Please find the EC compliance report to download the link for the period of **Oct'24 to March'25** of BEIL Infrastructure Ltd.-Ankleshwar.

Link : <https://we.tl/t-3GJTUNprLw> (Link will be expire 3 days)

Best Regards,

Bhupendra Dalwadi | Chief Executive Officer

**BEIL Infrastructure Ltd.,**

Work Office : Plot No 9701-16,

GIDC Industrial Estate,

GIDC, ANKLESHWAR – 393002

Gujarat. India.

Mob : +91 99099 94959

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O/c

## BEIL INFRASTRUCTURE LIMITED

Ref.: BEIL/ANK/2025-26/09

Date: 13.05.2025

XGN ID: 14983

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



Subject: Half yearly EC Compliance Status of Environmental clearance for facilities at Ankleshwar by M/s BEIL Infrastructure Limited for the period Oct'24 to March'25.

- 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. 10-10/2014-1A-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, GIDC-Estate, Ankleshwar Dist. Bharuch. BEIL is an ISO 14001:2015 and ISO 45001:2018 certified unit.

We are submitting herewith the half yearly EC Compliance status report for the period of April'24 to September'24 of Environmental clearance for facilities at Ankleshwar issued by MoEF & CC letter No. 10-48/2007 IA-III dated 04<sup>th</sup> March 2008, EC # F.10-10/2014-IA.III dated 31.12.2015, Environmental Clearance No. F. 10-10/2014-IA.III dated 1<sup>st</sup> August, 2017, Environmental Clearance No. F. 10-10/2014-1A-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 01.10.2024 to 31.03.2025)	1,52,851.85 MT
Cumulative quantity disposed of landfill from the beginning (up to 31.03.2025)	45,18,470.035 MT

### Incinerable waste details are as follows:

Incinerable Waste Receipt	
Incinerable Waste Received (During 01.10.2024 to 31.03.2025)	27,952.450 MT
Cumulative Up to 31.03.2025	5,50,714.336 MT
Incinerated Waste Details	
Incinerated Waste Qty. (During 01.10.2024 to 31.03.2025)	923.824 MT
Cumulative Up to 31.03.2025	3,32,029.040 MT





## BEIL INFRASTRUCTURE LIMITED

### Pre-processing details are as follows:

Pre-processed (During 01.10.2024 to 31.03.2025)	26,608.377 MT
Cumulative quantity of waste sends for Pre-processing from beginning to 31.03.2025	2,36,497.843 MT

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

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

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

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

Thanking you,  
Yours faithfully,

For **BEIL Infrastructure Limited**

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

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

CIN NO. U45300GJ1997PLC032696

Regd. Office : Plot No. 9701-16, GIDC Estate, Post Box No. 82, Ankleshwar - 393 002, Dist.: Bharuch (Gujarat) 2 of 2  
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Ref.: BEIL/ANK/2025-26/09

Date: 13.05.2025

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To,  
Integrated Regional Office  
Ministry of Environment, Forest and Climate Change,  
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In case you need any additional information, we will provide the same on hearing from you.

Thanking you,  
Yours faithfully,

For **BEIL Infrastructure Limited**

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

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



**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.	The project involves development & operation of a secured landfill for treatment, storage, and disposal of hazardous waste at GIDC, Ankleshwar, Gujarat. BEIL designed the existing TSDF with German Technical Assistance through NPC, New Delhi as phase -1 with a capacity of 5,00,000 MT and Incineration capacity at 6.5 million K. Cal/hour. At present there are 450 member units who use secured landfill facility, during the last seven years of the operation of the facility, BEIL reported to have collected and disposed of more than 4,16,000 MT of hazardous waste and the existing facility is reported to be sufficient only till the end of 2006. Hence, BEIL proposes to expand the existing Facility as per the CPCB guidelines. The cost of the proposed expansion is estimated to be about Rs.45.45 Crores. The details of the existing and proposed expansion are given as follows:				Noted.	
					Sr. No.	Compliance
					1.	<b>Complied.</b> <ul style="list-style-type: none"><li>As per our CCA No- AWH 126148, Phase 1 &amp; 2: 23,00,000 MT, Phase-1 is re-opened due to leveling of Phase 4 now phase-1 is a part of phase-IV. Phase-3: 14,58,000 MT and Phase-4 Cell A: 3,60,000 MT and Cell B: 6,27,000 MT.</li><li>Till March'25 <b>45,18,470.035 MT</b> waste is disposed off, and <b>5300.884 MT</b> waste is stored in the temporary shed during monsoon.</li></ul>
					2.	<b>Complied.</b> <ul style="list-style-type: none"><li>As per our CCA No- AWH 126148, we are operating Incinerator-1 &amp; Incinerator-2, both the incinerators at 6.5 million K. Cal/hour capacity. each, i.e. (6.5 million K. Cal/hour X)</li><li>Till March'25 <b>3,32,029.04 MT</b> waste is Incinerated. From November 2024, both Incinerators 1 &amp; 2 are temporarily taken for shutdown.</li></ul>
	Sr. No.	Activity	Existing	Proposed		
1.	Secured Landfill (SLF)	Capacity: 5,00,000 MT	Additional Capacity: 14,00,000 MT			
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.)			
3.	Solvent Recovery System	-	50 MT/day			



	4.	Drum decontamination and disposal system	-	500 No. of Drums/day	3.	The project is on hold and not yet Implemented.
					4.	<b>Complied.</b> <ul style="list-style-type: none"> <li>We installed a drums decontamination system in the year 2008 and for that, we have obtained CCA with drums decontamination capacity - 1,08,000 no's /Year.</li> </ul>
	5.	Evaporation Plant	-	15 MT/hour	5.	<b>Complied.</b> <ul style="list-style-type: none"> <li>An evaporation plant with a capacity of 15MT/Hr. is installed and commissioned on 19<sup>th</sup> March 2012 and is being operated. For that we have valid Consent to operate i.e., CC &amp;A no. AWH-126148.</li> </ul>
	6.	Fly Ash Brick Manufacturing plant	-	10,000 Nos/day	6.	The project is on hold and yet to be implemented.
	7.	Bio-gas plant from Kitchen waste	-	5 MT/day	7.	We are currently operating the old biogas plant. During its operation: <ul style="list-style-type: none"> <li>The <b>biogas generation</b> is approximately <b>1097.213 m<sup>3</sup></b>.</li> <li>The <b>digested slurry generation</b> is approximately <b>105.54 m<sup>3</sup></b>.</li> </ul> The digested slurry produced is being effectively utilized in the <b>green belt area</b> as an organic fertilizer, supporting sustainable and eco-friendly landscaping practices.



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 of in secured landfill which includes ash from incinerated around 12,600 MT/Year: Discarded packing materials around 5,40,000 no's/years, the salt from Multiple Effect Evaporationsystem around 9,000 MT / Year. With regard to thecapacity of the facility it was indicated that second phase of the secured landfill facility will be 17.00 Lacs MT and the additional common incineration systemwill be 25.00 million kcal per hours. Public hearingwas conducted on 30.08.2005 based onEnvironmental 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.	<b>Complied.</b>  All the Proposed facilities, except landfill expansion, are accommodated in the existing area itself. Waste generated from the treatment facility is disposed off in a secured landfill which includes incineration ash- <b>877.480 MT</b> from Oct'24 to March'25 and Salt generation from Multiple Effect Evaporator (MEE) system- <b>6293.230 MT</b> from Oct'24 to March'25.
4	The proposal falls under the category 'A', 7(d)of Environmental Impact Assessment Notification 2006 and was considered by Expert committee at itsmeeting 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.	<b>Noted.</b>

#### **SPECIFIC CONDITION:**

<b>Sr. No.</b>	<b>Description</b>	<b>Status</b>
<b>(i)</b>	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.	<b>Complied.</b>  We have fulfilled all provisions of the Hazardous Waste Management and Handling Rules 2003 and its amendments from time to time, and compliance is attached as <b>Annexure 1</b> . Furthermore, we have implemented appropriate methodologies for the collection and treatment of leachate generated from our landfill operations. These processes ensure that the environmental impact is minimized and meet the required legal and safety standards.
<b>(ii)</b>	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	<b>Complied.</b> Transportation of hazardous waste confirms the provisions of Hazardous Waste (management and handling) rules 2003 and its amendments from time to time. Additionally, we have adhered to all provisions of the <b>Hazardous Waste and Other Waste (Management and Transboundary Movement) Rules, 2016</b> . Detailed compliance information is provided in <b>Annexure 1</b> .



(iii)	The TSDF shall only handle the waste generated from the member units.	<p><b>Complied.</b></p> <ul style="list-style-type: none"> <li>• We accept waste only of member units, who have valid CC&amp;A obtained from GPCB.</li> <li>• At present we have <b>907 members</b> for landfill and <b>1214 members</b> for incinerator. In support of This we are submitting returns to GPCB.</li> </ul>
(iv)	Forced evaporation shall be provided to treat the effluent/leachate generated from the landfill.	<p><b>Complied.</b></p> <ul style="list-style-type: none"> <li>• We have successfully installed a <b>Multiple Effect Evaporator (MEE)</b> to treat the effluent/leachate generated from the landfill. The leachate is evaporated, and the generated condensate is treated in the <b>Effluent Treatment Plant (ETP)</b> to achieve <b>Zero Liquid Discharge (ZLD) Plant</b>. The resulting salt is safely disposed of at the landfill at <b>BEIL</b>.</li> <li>• In the event of a shutdown or maintenance of the MEE at <b>M/s BEIL, Ankleshwar</b>, the leachate/effluent will be sent to the CETP of <b>M/s ETL or MEE of BEIL Dahej</b> for further treatment and disposal.</li> <li>• During the Period of <b>Oct'24 to March'25</b>, the Leachate generation was <b>8319 KL</b> and treated in Multiple Effect Evaporator.</li> </ul>
(v)	All the conditions stipulated in the letter of Gujarat PCB vide their letter dated 22.05.2007 should be strictly implemented along with hazardous (Management and Handling) Rules,2003	<p><b>Complied.</b></p> <ul style="list-style-type: none"> <li>• 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 &amp; Other Wastes (Management &amp; Trans- Boundary Movement) Rules 2016 and complied. Compliance of the same is attached as <b>Annexure-1</b>.</li> <li>• The relevant compliance of hazardous waste and other waste (management and Transboundary movement) rules, 2016 are attached as <b>Annexure-2</b>.</li> </ul>
(vi)	No ground water shall be tapped for project.	<p><b>Complied.</b></p> <ul style="list-style-type: none"> <li>• Water is being provided by GIDC for processing purposes but when there is a shortage of water, we use borewell water to meet requirements per EC F. 10-10/2014-IA-III dated. 31.12.15 specific condition point (X) we have received NOC. No. CGWA/NOC/IND/REN/1/2025/10963 dated 27.02.2025. from CGWA to utilize groundwater which is valid up to 09.02.2027. CGWA NOC attached as a <b>Annexure-03</b>.</li> </ul>
(vii)	The project proponent shall monitor the ambient air quality, groundwater and noise abutting the site as per norms laid down by CPCB	<p><b>Complied.</b></p> <ul style="list-style-type: none"> <li>• We have 4 Monitoring stations for ambient air monitoring.</li> <li>• We carry out ambient air monitoring internally 2 times a week, groundwater monitoring monthly &amp; noise level monitoring weekly.</li> </ul>



		<ul style="list-style-type: none"> <li>Moreover, ambient air monitoring, groundwater monitoring &amp; noise level monitoring are carried out monthly through a third party.</li> <li>Reports are attached as <b>Annexure 4</b> respectively for the period Oct'24 to March'25.</li> <li>The average results are as <b>Annexure 5</b>.</li> </ul>									
(viii)	Incineration of hazardous wastes shall be carried as per the guidelines of CPCB. The emissions from the incinerator shall be passed through APCS and disposal through 30-meter stack.	<b>Complied.</b> <ul style="list-style-type: none"> <li>Incineration of hazardous wastes is carried out as per the guidelines of CPCB wherein the operating temperatures of RK and SC are maintained. From November'25<sup>th</sup>, both Incinerators 1 &amp; 2 are temporary taken for shutdown.</li> <li>Online stack monitoring system (CEMS) has been installed, the results of which are transmitted to GPCB/CPCB.</li> <li>The emission from the incinerator is passed through two stages Scrubbing system (dry scrubber and wet scrubber) for Air pollution control.</li> <li>The stack height of each Incinerator plant is 45 meters as mentioned in CC&amp;A.</li> </ul>									
(ix)	Project proponent shall ensure that wastes with organic content >5% of degradable organic matters are not disposed into the landfill. However, required arrangement for collection treatment and disposal of gases from the landfill of any, should be provided.	<b>Complied.</b> <ul style="list-style-type: none"> <li>We carry out finger-print analysis of every truckload of waste received at site. We make sure that waste that contains more than 5% degradable organic matter is not disposed in landfill. Once the quick test is passed, the truck is allowed to enter the premises. If a vehicle fails to meet the hazardous solid waste disposal criteria requirements, we will get in touch with the member industry and suggest the treatment of the waste. BEIL accepts the consignment at a cost for treatment if the industry agrees; otherwise, it will be returned to the industry for the necessary treatment. Comprehensive analysis is being carried out at the time of enrolling members. The sample report of comprehensive analysis and fingerprint analysis is attached as <b>Annexure 6</b>.</li> <li>We have provided adequate nos. of vent to closed portions and regular monitoring are done every month, and the concentrations of hydrocarbons are very low.</li> </ul>									
(x)	Project proponent Shall have Environmental management plan and onsite emergency management plan.	<b>Complied.</b> <ul style="list-style-type: none"> <li>Summary of EMP Compliance is as below, and Detailed EMP Compliance is attached as <b>Annexure-7</b>.</li> </ul>									
	<table border="1"> <thead> <tr> <th>Sr. No.</th><th>Condition</th><th>Compliance Status</th></tr> </thead> <tbody> <tr> <td>1.</td><td>Temporary storage for hazardous waste</td><td><b>Complied.</b> Temporary storage of hazardous waste during the monsoon period has been provided with adequate storage shed.</td></tr> <tr> <td>2.</td><td>Loading and unloading of waste</td><td><b>Complied.</b> Adequate facility and equipment for unloading of waste has been provided.</td></tr> </tbody> </table>	Sr. No.	Condition	Compliance Status	1.	Temporary storage for hazardous waste	<b>Complied.</b> Temporary storage of hazardous waste during the monsoon period has been provided with adequate storage shed.	2.	Loading and unloading of waste	<b>Complied.</b> Adequate facility and equipment for unloading of waste has been provided.	
Sr. No.	Condition	Compliance Status									
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2.	Loading and unloading of waste	<b>Complied.</b> Adequate facility and equipment for unloading of waste has been provided.									



	3.	Transportation of waste	<b>Complied.</b> 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 421 dedicated vehicles equipped with VLTS-GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF Site.
	4.	Monitoring activity	<b>Complied.</b> 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	<b>Complied.</b> Adequate nos. of leachate (6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collection well for Phase III) collection wells have been provided. For Phase-IV 3 nos. of leachate well is designed.
	<ul style="list-style-type: none"> <li>BEIL has prepared on site Emergency plan, and it is updated annually. Onsite emergency plan is including points like hazard identification and risk analysis, organization setup, communication system, action on site, link with offsite emergency plan, training ,rehearsals and record aspects, offsite effects of any emergency, the duties and functions to control any emergency etc. Mock drills are also being conducted. On-site Emergency Plan is submitted to DISH, and the inward letter copy is attached as <b>Annexure 8</b>.</li> <li>BEIL has Implemented Prestigious Environmental Management system standard ISO 14001:2015 &amp; ISO 45001: 2018 Safety system. Certificates are attached as <b>Annexure 9</b>.</li> </ul>		
(xi)	Project proponent shall carry out periodical groundwater / soil monitoring in and around the site to check the contamination including TCLP test for heavy metals.		<b>Complied.</b> <ul style="list-style-type: none"> <li>We carry out groundwater and soil monitoring once a Month externally in and around the site to check the contamination, the results of which are attached as <b>Annexure 4</b> And the average results are attached as <b>Annexure 5</b>.</li> <li>Moreover, we have carried out Hydrogeological study. for the TSDF facility through NEERI. And the report was submitted to MoEF&amp;CC and GPCB.</li> </ul>
(xii)	Adequate dust and noise separation measures should be put in place during construction of the plant.		<b>Complied.</b> Adequate dust suppression systems, water sprinkling, adequate enclosure, etc. were applied and noise separation measures like acoustic enclosures, wherever possible, were put in place during construction of the plant.
(xiii)	Green belt development to a tune of 41,000 m <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.		<b>Complied.</b> <ul style="list-style-type: none"> <li>The green belt is developed in total 41076.95 sq. mt to mitigate the impact on the overall air quality at the site. The layout of the green belt within the premises is attached as <b>Annexure – 10</b>.</li> <li>Additionally, we have taken land in the nearby village namely Sengpur. wherein we shall carry out greenbelt activities to comply with the statutory requirement. The approval letter received for forestation from village Sengpur is attached as <b>Annexure-10 (A)</b>.</li> </ul>
(xiv)	The groundwater, surface water and air quality should be monitored regularly to assess the leachate contamination.		<b>Complied.</b> <ul style="list-style-type: none"> <li>For ambient air monitoring we are having 4 Monitoring stations.</li> <li>We are carrying out internally 2 times a week ambient air monitoring, monthly ground water monitoring &amp; quarterly surface water monitoring.</li> </ul>



		<ul style="list-style-type: none"> <li>Moreover, ambient air monitoring &amp; ground water monitoring are carried out monthly, and quarterly surface water monitoring through third party as per norms laid down by CPCB and results are attached for period October'24 to March'25 as <b>Annexure 4.</b></li> </ul>																								
(xv)	A leachate collection system should be provided to collect the leachate at a collection point. Treatment facility for the collected leachate should be provided. The treated water shall be reused as far as possible in the project.	<p><b>Complied.</b></p> <ul style="list-style-type: none"> <li>A well-designed leachate collection system is developed in SLF. We have four numbers of phase in SLF. In phase-1 we have 6 number of leachate wells, In Phase-II we have 7 number of leachate collection wells, in phase-III we have 3 number of leachate collection wells and in Phase-IV we have 3 numbers of leachate collection wells.</li> <li>Leachate is collected from the landfill and treated at the MEE in the premises . Condensate is treated in ETP and utilized for various requirements and to achieve ZLD. If the MEE plant is under maintenance, then wastewater is sent to ETL or MEE of BEIL Dahej as per our CCA.</li> <li>In the period October'24 to March'25-<b>8319 KL</b> Leachate is generated and treated in MEE plant.</li> </ul>																								
(xvi)	The landfill site should be as per thenorms laid down by CPCB.	<p><b>Complied.</b></p> <ul style="list-style-type: none"> <li>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.</li> <li>IIT Delhi is guiding for construction and operation of the Landfill.</li> <li>Compliance of the central pollution control board guidelines is attached to <b>Annexure 2.</b></li> </ul>																								
(xviii)	<p>The funds earmarked for environmental protection measures should be maintained in a separate account and there should be no diversion of these funds for any other purpose.</p> <p>A year wise expenditure on environmental safeguards should be reported to this ministry's regional office at Bhopal.</p>	<p><b>Complied.</b></p> <ul style="list-style-type: none"> <li>A separate account (ESCROW) is maintained for environment protection and the cumulative amount till March'25 is Rs <b>2445.80 Lakh.</b> These funds are not diverted for any other activity.</li> <li>The year wise expenditure on environmental protection is as below.</li> </ul> <table border="1"> <thead> <tr> <th>Year</th><th>Capital Expense (Lacs)</th><th>Revenue Expense (Lacs)</th></tr> </thead> <tbody> <tr> <td>2018 - 2019</td><td>185</td><td>43.44</td></tr> <tr> <td>2019 - 2020</td><td>626.50</td><td>413.80</td></tr> <tr> <td>2020 - 2021</td><td>644.07</td><td>429.82</td></tr> <tr> <td>2021 - 2022</td><td>691.25</td><td>184.87</td></tr> <tr> <td>2022 - 2023</td><td>1994.96</td><td>330.92</td></tr> <tr> <td>2023 - 2024</td><td>5646.79</td><td>303.33</td></tr> <tr> <td>2024 - 2025</td><td>603.762</td><td>258.844</td></tr> </tbody> </table>	Year	Capital Expense (Lacs)	Revenue Expense (Lacs)	2018 - 2019	185	43.44	2019 - 2020	626.50	413.80	2020 - 2021	644.07	429.82	2021 - 2022	691.25	184.87	2022 - 2023	1994.96	330.92	2023 - 2024	5646.79	303.33	2024 - 2025	603.762	258.844
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**General Condition:**

No.	Description	Status
(i)	Construction of the proposed structures should be undertaken meticulously confirming to the existing central/local rules and regulations. All the construction designs/drawings relation to the proposed construction activities must have approvals of the concerned state government department /agencies.	<b>Complied.</b> <ul style="list-style-type: none"><li>• All our designs and drawings are approved by the state government department concerned.</li><li>• Approval letters from GIDC and DISH are attached as <b>Annexure 11</b>.</li></ul>
(ii)	To meet any emergency situation, appropriate fire-fighting system should be available. Appropriate arrangements for uninterrupted power and water supply to meet the requirements of the environment protection equipment and continuous water supply for the firefighting system should be made.	<b>Complied.</b> <ul style="list-style-type: none"><li>• The fire Hydrant system is designed as per the TAC guideline. All storage sheds are covered by a 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 and has 1000 KL storage for water.</li><li>• We also have membership of Disaster Prevention and Maintenance Center, Ankleshwar which is equipped with all facilities to meet any emergency.</li></ul>
(iii)	Full support should be extended to the officers of this ministry's regional office at Bhopal and the officers of the central and furnishing full details and action plans including the action taken reports in respect of mitigative measures and other environmental protection activities.	<b>Noted and complied.</b>
(iv)	In case of deviation or alteration in the project including the implementing agency, a fresh reference should be made to this ministry for modification in the clearance conditions or imposition of new one for ensuring environmental protection. The project proponents should be responsible for implementing the suggested safeguard measures.	<b>Complied.</b> <ul style="list-style-type: none"><li>• There has been no deviation or alteration in the project including the implementation agency.</li><li>• For modification and expansion, we have obtained EC vide letter no.<ol style="list-style-type: none"><li>1. F.No. 10-10/2014- IA.III dated 31.12.2015.</li><li>2. F.No. 10-10/2014- IA.III dated 01.08.2017.</li><li>3. F.No. 10-10/2014-IA.III dated 16.04.2018.</li><li>4. F.No. 10-25/2019-IA-III dated 15.10.2020.</li></ol></li></ul>
(v)	This ministry reserves the right to revoke this clearance. If any of the conditions are not complied with to the satisfaction of this ministry.	<b>Noted.</b>



(vi)	This ministry or any other competent authority may stipulate any other additional conditions subsequently. If deemed necessary, for environmental protection, which shall be compelled with.	<b>Noted.</b>
(vii)	A copy of the clearance letter shall be marked to the concerned panchayat/local NGO, if any, from whom any suggestion/representation has been received while processing the proposal.	<b>Complied.</b> 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 12.</b>
(viii)	Gujarat Pollution Control Board should display a copy of the clearance letter at the district industries center and collector's office/tehsildar's office for 30 days.	<b>Complied.</b> We had submitted a copy of EC along with the letter dated 24.03.2008.
(ix)	The project proponent should advertise at least in two local newspapers widely circulated in the region around the project one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Gujarat State Pollution Control Board and may also be seen at website of the ministry of environment & forests at <a href="http://www.envfor.nic.in">http://www.envfor.nic.in</a>	<b>Complied.</b> We gave advertisement in papers SANDESH (vernacular language) & THE INDIAN EXPRESS dated 22.03.2008 and copy is attached as <b>Annexure 13.</b>
(x)	The project proponents should inform regional office Bhopal as well as the ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of work.	<b>Complied.</b> <ul style="list-style-type: none"> <li>The consent &amp; Authorization for the project is accorded by GPCB vide letter no GPCB/CCA-BRCH-167(13)/ID-14983/134176 dated 04.01.2013.</li> <li>We have informed MoEF&amp;CC-Bhopal as well as ministry of the start of work and financial closure by concerned authority via our letter BEIL- PH-III/MOEF/03 dated 19.12.1014. The Same is attached as <b>Annexure 14.</b></li> </ul>



**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

<b>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>
<b>3.</b>	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: -	
<b>(ii)</b>	The Project was accorded TOR vide letter No. 10-10/2014-IA-III dated 18.09.2014.	<b>Noted.</b>
<b>(iii)</b>	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.	<b>Noted.</b>
<b>(iv)</b>	The Total site area is 69 acres, pit area 2.98 acres and closure area is 14.755 acres.	<b>Noted.</b>
<b>(v)</b>	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.	<b>Complied.</b> Green belt is developed in total 41076.95 sq. mt to mitigate the impacts on the overall air quality at the site. The layout of the green belt within the premises is attached as <b>Annexure-10</b> . Additionally, we have taken land in the nearby village, namely Sengpur. wherein we shall carry out greenbelt development activities to comply with the statutory requirement. The approval letter received for forestation from village Sengpur is attached as <b>Annexure-10(A)</b> .



(vi)	Water requirements 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><b>Noted and complied.</b> After the Amendment in CCA our total Water Requirement is 743.4 KLD out of which 26 KLD is for Domestic, 83 is for Gardening &amp; 634.4 KLD is for industrial purposes. Water is supplied by the GIDC, and ground water usage is minimum. The water consumption is as tabulated below:</p> <table><tr><th>Month</th><th>GIDC Water cons. (KL) (A)</th><th>Tanker + Borewell cons. (KL) (B)</th><th>Total water cons. (A+ B) (KL)</th></tr><tr><td>Oct-24</td><td>3750</td><td>0</td><td>3750</td></tr><tr><td>Nov-24</td><td>2471</td><td>0</td><td>2471</td></tr><tr><td>Dec-24</td><td>2244</td><td>0</td><td>2244</td></tr><tr><td>Jan-25</td><td>1536</td><td>653.48</td><td>2189.5</td></tr><tr><td>Feb-25</td><td>2307</td><td>216.51</td><td>2523.51</td></tr><tr><td>March-25</td><td>2703</td><td>0</td><td>2703</td></tr><tr><td>Total</td><td>15011</td><td>869.99</td><td>15881</td></tr><tr><td><b>Avg/Day</b></td><td><b>82.48</b></td><td><b>4.78</b></td><td><b>87</b></td></tr></table>	Month	GIDC Water cons. (KL) (A)	Tanker + Borewell cons. (KL) (B)	Total water cons. (A+ B) (KL)	Oct-24	3750	0	3750	Nov-24	2471	0	2471	Dec-24	2244	0	2244	Jan-25	1536	653.48	2189.5	Feb-25	2307	216.51	2523.51	March-25	2703	0	2703	Total	15011	869.99	15881	<b>Avg/Day</b>	<b>82.48</b>	<b>4.78</b>	<b>87</b>
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(vii)	The wastewater generation is limited to 312 KLD.	<p><b>Noted and complied.</b> After Amendment the Total wastewater generation is 470.5 KLD out of which 26 KLD is from Domestic &amp; 444.5 KLD is from industrial purpose which is treated/reused in STP/ quencher/MEE/ETP or sent to ETL. Details of Leachate &amp; Condensate Generation &amp; treatment for the period Oct'24 to March'25 are as tabulated below:</p> <table><tr><th>Month</th><th>Leachate (Treated in MEE) (KL)</th><th>Condensate and Effluent (Sent to ETL / treated in ETP)</th></tr><tr><td>Oct-24</td><td>1914</td><td>0</td></tr><tr><td>Nov-24</td><td>1458</td><td>680</td></tr><tr><td>Dec-24</td><td>1121</td><td>1070</td></tr><tr><td>Jan-25</td><td>1247</td><td>1190</td></tr><tr><td>Feb-25</td><td>1284</td><td>1070</td></tr><tr><td>March-25</td><td>1295</td><td>950</td></tr><tr><td>Total</td><td>8319</td><td>4960</td></tr><tr><td><b>Avg (KLD)</b></td><td><b>45.71</b></td><td><b>27.253</b></td></tr></table>	Month	Leachate (Treated in MEE) (KL)	Condensate and Effluent (Sent to ETL / treated in ETP)	Oct-24	1914	0	Nov-24	1458	680	Dec-24	1121	1070	Jan-25	1247	1190	Feb-25	1284	1070	March-25	1295	950	Total	8319	4960	<b>Avg (KLD)</b>	<b>45.71</b>	<b>27.253</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 tire washing and dust suppression.	<b>Noted and complied.</b> Wastewater (Leachate) generated is treated in MEE and the MEE condensate is sent to the ETP Plant for further treatment. The treated water is used for industrial purposes.
(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).	<b>Complied.</b> <ul style="list-style-type: none"> <li>No additional power was required during phase III project.</li> <li>During power failure, D.G. Set is being used (2×975 kVA capacity each) &amp; DG Set (600 KVA).</li> </ul>
(x)	Investment/Cost: The total cost of the project Is Rs. 30 Crores.	<b>Complied.</b> The total invested cost is below 30 crores.
(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	<b>Not Applicable.</b> 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.	<b>Not Applicable.</b> There are no National Parks, Wildlife Sanctuary, or biosphere reserves found in the 10 km buffer zone. BEIL is located within the Notified industrial estate area.
(xiii)	Forests Land: No Forest land is involved in the project	<b>Not applicable.</b> No Forest land is involved in the project. BEIL is located within the Notified industrial estate area.
(xiv)	There are no Court cases/violations pending with the project proponent.	<b>Complied.</b> 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	<b>Noted.</b>



	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:	
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**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	<b>Complied.</b> We have obtained CTE and CTO for the project from GPCB. Copy of Valid CCA is attached as an <b>Annexure-3.1.</b>
(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.	<b>Noted &amp; complied.</b> <ul style="list-style-type: none"> <li>The provided monitoring wells at upstream (6 nos.) and downstream (6 nos.) of the TSDF is used for monitoring the quality of ground water. An average of all the monitoring results of ground water results in and around the site are mentioned in <b>Annexure-5.</b></li> <li>All the third-party reports are attached as <b>Annexure – 4.</b></li> </ul>
(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.	<b>Complied.</b> The existing site is located inside the notified industrial estate
(iv)	State of the art measures shall be adopted for odor control from the plant.	<b>Complied.</b> <ul style="list-style-type: none"> <li>For landfillable waste handling we have provided a scrubber in the stabilization shed to control odor.</li> <li>For Incinerable waste handling we have provided a scrubber in the preprocessing area and waste handling area to control odor.</li> <li>An odor control system is also installed in the plant area. Moreover, we have also provided a double-stage scrubber system (wet and dry) in the incinerator plant to control air pollution.</li> </ul>



(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.	<b>Complied.</b> <ul style="list-style-type: none"> <li>There is no dumping site. Waste received from the member industries are checked and treated/ directly go to the landfilling site.</li> <li>Details of Secured Landfill operation <ul style="list-style-type: none"> <li>✓ Phase 1 6,01,404.117 MT waste was disposed and capped in March 2007. Now, Phase 1 is part of Phase IV. Therefore, Phase 1 re-opened for leveling of Phase IV.</li> <li>✓ Phase 2 landfill operation started on 12<sup>th</sup> March 2007 and after disposal of 17,75,274 MT waste disposed and capped in Feb'17.</li> <li>✓ Phase 3 started in May 2016 and after disposal of 14,58,000.00 MT of waste disposed off and closed, currently partially in operation.</li> <li>✓ Phase 4 started in April 2022 and 730140.965 MT waste is disposed of till March'25.</li> </ul> </li> <li>Secured Landfills are already being compacted and closed cellwise scientifically after reaching the design height.</li> </ul>
(vi)	Project Proponent shall develop green belt as committed	<b>Complied.</b> Green belt is developed in total 41076.95 sq. mt. to mitigate the impacts on the overall air quality at the site. Layout of green belt within the premises is attached as <b>Annexure – 10</b> . Additionally, we have taken a land in the nearby village namely Sengpur. wherein we shall carry out greenbelt activities to comply with the statutory requirement. The approval letter received for forestation from village Sengpur is attached as <b>Annexure-10(A)</b> .
(vii)	The connectivity road to the side shall be as per IRC guidelines.	<b>Not Applicable.</b> This pertained to GIDC who has provided connectivity roads.
(viii)	The waste is proposed to be transported through the village roads, the roads shall be properly widened or proper road for transportation shall be provided. Details shall be incorporated in the EMP.	<b>Not Applicable</b> Existing site, located inside notified industrial estate hence, waste is not being transported through village roads. Proper Road network is available to receive waste at site from members industries.
(ix)	The gas generated from the landfill facility shall be collected and disposed as per rules	<b>Complied.</b> Since the waste is treated, stabilized, and disposed, there is no Gas Generation from the Secured Landfill. Gas vents have been Provided for the Existing Sites and the same



		Provisions will be made for the Secured Landfill Phase-IV. We are monitoring the vent pipes of landfill internally and almost all readings we are getting BDL. The records are maintained in the laboratory. Results are attached as <b>Annexure 15</b> .
(x)	The proponent shall obtain necessary clearance from the Ground water Authority for the use of ground water.	<b>Noted and complying.</b> We have obtained NOC from Central Ground water authority vide NOC. No. CGWA/NOC/IND/REN/1/2025/10963 dated 27.02.2025. from CGWA to utilize groundwater which is valid up to 09.02.2027. CGWA NOC attached as a <b>Annexure-03</b> .
(xi)	The depth of the Landfill site shall be decided based on the ground water table at the site.	<b>Noted and complied.</b> The landfill is being constructed in accordance with CPCB guidelines and approved drawings. We have descended to a depth of seven meters below the surface at the current site, which has a water table that is about thirty meters deep. Consequently, fulfilling the criteria of the CPCB.
(xii)	An On-Site Emergency Management Plan shall be prepared and implemented.	<b>Noted &amp; complied.</b> <ul style="list-style-type: none"> <li>BEIL has prepared an on-site Emergency plan, and it is updated annually. On site emergency plans including points like hazard identification, organization setup, communication system, action on site, link with offsite emergency plan, training rehearsals and record aspects, offsite effects of any emergency, the duties, and functions to control any emergency etc. Mock drills are also being conducted. On-site Emergency Plan is submitted separately with this.</li> <li>The ACK copy of letter submitted to DISH is attached as <b>Annexure-8</b>.</li> </ul>
(xiii)	All the recommendation of the EMP shall be complied with letter and spirit. All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to MOEF&CC along with half yearly compliance report to MOEF&CC-RO.	<b>Complied.</b> <ul style="list-style-type: none"> <li>Summary of EMP Compliance is as below, and Detailed EMP Compliance is attached as <b>Annexure -7</b>.</li> </ul>



		<b>Sr. No.</b>	<b>Condition</b>	<b>Compliance Status</b>
		1.	Temporary storage for hazardous waste	<b>Complied.</b> Temporary storage of hazardous waste for monsoon period has been provided with adequate capacity.
		2.	Loading and unloading of waste	<b>Complied.</b> Adequate facility and equipment for unloading of waste has been provided.
		3.	Transportation of waste	<b>Complied.</b> 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 521 dedicated vehicles equipped with VLTS-GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF.
		4.	Monitoring activity	<b>Complied.</b> 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	<b>Complied.</b> Adequate nos. of leachate (6 leachate collection wells for Phase I, 7 no's of leachate collection wells for Phase II and 3 leachate collection well for Phase III) collection wells have been provided. For Phase-IV 3 nos. of leachate well is designed.
(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.			<b>Complied</b>
(xv)	The Leachate from the facility shall be collected and treated to meet the prescribed standards before disposal.			<b>Complied.</b> <ul style="list-style-type: none"> <li>A well-designed leachate collection system is developed.</li> <li>The SLF shall have 6 nos. to Phase I, 7 nos. to Phase II, 3 nos. for phase III and 3 nos. for phase IV leachate collection wells have been provided. Leachate is collected and treated in the MEE in the premises. During the shutdown of MEE, we are sending leachate for treatment at MEE at Dahej site. Condensate is treated in ETP and fully utilized.</li> <li>In the period October'24 to March'25 <b>8319 KL</b> leachate is generated and treated in MEE plant.</li> </ul>



(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.	<b>Not Applicable.</b>  The existing site is in a notified industrial estate area. Public Hearing is Not Applicable as per MoEF&CC memorandum No. J-11013/36/2014-IA-I Dated 10th December,2014.	
(xviii)	Rainwater runoff from the landfill area and other hazardous waste management area shall be collected and treated in the effluent treatment plant.	<b>Complied.</b> Separate provision for storm water runoff has been provided surrounding the landfill and other areas, which leads to GIDC drainage. Storm water is discharged into the GIDC drainage line only once its analysis is carried out and the results are found satisfactory. If results are not satisfactory, then the rainwater runoff from the storm water drain is collected and treated in MEE/ ETP to achieve ZLD.	
(xviii )	The proponent shall abide by all the commitments and recommendations made in the EIA/EMP report so also during the presentation of EAC.	<b>Complied.</b> Summary of EMP Compliance is as below, and Detailed EMP Compliance is attached as <b>Annexure-7.</b>	
	<b>Sr. No.</b>	<b>Condition</b>	<b>Compliance Status</b>
	1.	Temporary storage for hazardous waste	<b>Complied.</b> Temporary storage of hazardous waste for monsoon period has been provided with adequate capacity.
	2.	Loading and unloading of waste	<b>Complied.</b> Adequate facility and equipment for unloading of waste has been provided.
	3.	Transportation of waste	<b>Complied.</b> 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 521 dedicated vehicles equipped with VLTS-GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF.
	4.	Monitoring activity	<b>Complied.</b> 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	<b>Complied.</b> Adequate nos. of leachate (6 leachate collection wells for Phase I, 7 no's of leachate collection wells for Phase II and 3 leachate collection well for Phase III) collection wells have been provided. For Phase-IV 3 nos. of leachate well is designed.



**GENERAL CONDITION:-**

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



(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.	<b>Complied.</b> Name change had been done from Bharuch Enviro Infrastructure Ltd to BEIL Infrastructure Ltd. for that EC received wide letter F.No. 10-10/2014-IA.III dated 18.11.2021.		
(v)	A copy of the clearance letter will be marked to concerned Panchayat/local NGO, if any, from whom any suggestions/representations has been made received while processing the proposal.	<b>Complied.</b> 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 16</b> .		
(vi)	The environmental safeguard contained in the EIA Report should be implemented in letter and spirit.	Complied. • Summary of EMP Compliance is as below, and Detailed EMP Compliance is attached as <b>Annexure-7</b> .		
		<b>Sr. No.</b>	<b>Condition</b>	<b>Compliance Status</b>
		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>521</b> dedicated vehicles equipped with VLTS-GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF.
		4.	Monitoring activity	Complied. We are carrying out internally as well as externally monitoring of soil, ambient air, ground water, storm water, noise monitoring on regular basis.
(vii)	A copy of the environmental clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industries center and Collector's Office/Tehsildar's Office for 30 days.	5.	Leachate management system	Complied. Adequate nos. of leachate (6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collection well for Phase III) collection wells have been provided. For Phase-IV 3 nos. of leachate well is designed.
		Complied. 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 16</b> .		



(viii)	The funds earmarked for Environmental protection measures shall be kept in	<b>Complied.</b>		
		<ul style="list-style-type: none"> <li>A separate account (ESCROW) is maintained for environment protection and the cumulative amount till March'25 is Rs <b>2445.80 Lakh</b>. These funds are not diverted for any other activity.</li> </ul>		
		<ul style="list-style-type: none"> <li>Year wise expenditure on environmental protection is as below.</li> </ul>		
		<b>Year</b>	<b>Capital Expense(Lacs)</b>	<b>Revenue Expense (Lacs)</b>
		2018 - 2019	185	43.44
		2019 - 2020	626.50	413.80
		2020 - 2021	644.07	429.82
		2021 - 2022	691.25	184.87
		2022 - 2023	1994.96	330.92
		2023-2024	5646.79	303.33
		2024 - 2025	603.762	258.844
5.	The above stipulations would be forced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974 the Air (Prevention and Control of pollution) Act, 1981, the Environment (Protection) Act, 1986, The Public Liability (Insurance) Act,1991 and Municipal Solid Wastes(Management and Handling Rules, 2000 including the amendments and rules made thereafter.	<b>Noted.</b>		
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,1972etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	<b>Complied.</b>  The existing site is in notified GIDC area and already has applicable clearance/permissions from respective authority. Permission of Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. is not applicable 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.	<b>Complied.</b> 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, GPCB Gandhinagar and GPCB regional Office Ankleshwar vide Letter # BEIL/ANK/EC/PH3 Dated 04.01.2016. And herewith copies of Advertisement are attached as <b>Annexure 17</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.	<b>Not Applicable.</b> BEIL is located inside notified industrial estate area.
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	<b>Not applicable.</b>
10.	Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent on its website.	<b>Complied.</b>  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.	<b>Complied.</b> <ul style="list-style-type: none"> <li>We marked the copy of the clearance letter to all the concerned dated 09.01.2016 and recorded it. The same is attached as <b>Annexure 16</b>.</li> <li>The Clearance Letter has been uploaded on the Company Website.</li> </ul>



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.	<b>Complied.</b>  The EC Compliance has been uploaded on the CompanyWebsite.
13.	The Project proponent shall also submit six monthly reports on the status of compliance of the stipulated ECconditions 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.	<b>Complied.</b> <ul style="list-style-type: none"> <li>• We are regularly submitting a six-monthly report with all ECs conditions to the respective Regional Office of MoEF&amp;CC, the respective Zonal Office of CPCB and the SPCB.</li> <li>• Last six- monthly EC compliance report for the period of April'24 to September'24 was submitted on 01.01.2025.</li> </ul>
14.	The environmental statement for each financial year ending 31 <sup>st</sup> March in Form -V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and should also be sent to the respective regional Office of MoEF&CC by e-mail.	<b>Complied.</b> <ul style="list-style-type: none"> <li>• We are submitting Form –V (Environmental Statement) every financial year and it is displayed on website.</li> </ul>
15.	This issues with the prior approval of the Competent Authority.	<b>Noted.</b>



**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 BEI 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.

<b>Condition No</b>	<b>Observation/Conditions as per Environmental Clearance No. F. 10-10 /2014 -IA.III dated 1<sup>st</sup> August 2017.</b>	<b>Status of compliance of EC Conditions</b>
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 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 promoted by M/s Bharuch Enviro Infrastructure Limited' was considered by the Expert Appraisal Committee (Infra-2) in its meetings held on 25th-27th May, 2017. The details of the project, as per the documents submitted by the project proponent, and also as informed during the above meeting, are under: -	
(i)	The present proposal is for the enhancement in capacity of incinerator with thermal capacity of 12 million kcal/hour. Such change in configuration of phase-II incinerator from one of 25 million kcal/hour capacity as per the EC of Phase-II.	At present we only have Two 6.5 million Kcal/hour thermal capacity incinerator.
(ii)	The proposed enhancement of capacity change in configuration of incinerator project falls under Category "A" as per EIA Notification 2006. The Project is of activity 7(d) listed in EIA Notification dated 14th September 2006, under Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF).	<b>Noted.</b>



(iii)	The project was considered by the Expert Appraisal Committee (Infra-2) in its 3rd Meeting on dated 23rd Feb 2016. Accordingly, TOR was approved vide letter no.10-10/2014-IA.III dated 26th March 2016. Public hearing was exempted as per para 7(i) III Stage (3) (i) (b) of EIA Notification, 2006 for preparation of EIA/EMP Report, being site is located in the Notified GIDC industrial area, Ankleshwar.	<b>Noted.</b>
(iv)	Power Demand: Existing power consumption is 1700 KVA & Proposed requirement 500KVA additional Source from Dakshin Gujarat Vin Co Ltd (DGVCL). In case of power failure-2 DG Sets (975 KVA capacity each) & 1 D.G. set (600 KVA).	<b>Noted and complied.</b>  We have 2 DG Set of (975 KVA) and 1 DG Set of 600 KVA.
(v)	Fuel-Natural Gas @ 300 m <sup>3</sup> /hrs to be sourced from Gujarat Gas Ltd.	<b>Noted &amp; complied.</b>
(vi).	Water-Maximum water consumption will be 690 KLD one time and 445 KLD for industrial and domestic purpose that is available from GIDC supply.	<b>Noted &amp; complied.</b>  The water supply is from GIDC-Ankleshwar.
(vii)	Cost of the project is Rs. 32.00 crore.	<b>Noted.</b>
(viii)	Manpower during Construction phase, the labors and workers will be hired from nearby areas. Construction phase: 100 workman, operation phase: 30 workmen.	<b>Noted &amp; complied.</b>
(ix).	Green belt is developed in total 50514.29 sqm (length: 3024 mtrs and average 15 mtrs. Width, and around 5000 (250 length x 20 width) sqm Near Phase-III) to mitigate the impacts on the overall air quality at the site.	<b>Complied.</b>
(x).	Benefit of the Project: Positive impact on environment in terms of better management of hazardous waste in the region. More employment opportunities will be created. Aesthetics of the area will improve.	<b>Noted.</b>



3.	The EAC, in its meeting held on 25th-27th May 2017, after detailed deliberations on the proposal, has recommended for grant of Environmental Clearance to the project. As per recommendations of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance to the project Affordable Housing Project 'Enhancement of capacity change in configuration of the incinerator installed 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 promoted by M/s Bharuch Enviro Infrastructure Limited, under the provisions of the EIA Notification, 2006 and amendments/circulars issued thereon, and subject to the specific and general conditions as under:-
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**PART A — SPECIFIC CONDITIONS:**

(i)	The emission standards prescribed by the MoEF&CC under Environment (Protection) Act for incinerator, lead recovery unit, e-waste, solvent recycling, used oil recycling unit etc shall be strictly followed. At no time, the emission levels shall go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Stack emissions shall be monitored regularly.	<b>Noted &amp; complied.</b>
(ii)	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); bagfilter/ESP for removal of particulate matter; ventury scrubber followed by packed bed scrubber with caustic circulation to neutralize the acidic vapours in flue gas; and demister column for arresting water carry over shall be provided to the incinerator. Online pollutant monitoring shall be provided as per CPCB guidelines for monitoring particulate matter, SO <sub>2</sub> , NO <sub>x</sub> and CO from the incinerator stack. The periodical monitoring of Dioxins and Furans in the Stack emissions shall be carried out.	<b>Noted &amp; complied.</b>
(iii)	As proposed, scrubber shall be provided to the oil fired boiler to control particulate emissions within permissible limit. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/GPCB guidelines.	<b>Noted &amp; complied.</b>
(iv)	Bagfilter shall be provided at Crushing, Dismantling, Shredding, Separation units of the e-waste management facility.	<b>Noted &amp; complied.</b>



(v)	Multi cyclone, bagfilter followed by scrubber along with stack of adequate height shall be provided to Smelting (in Rotary Furnace) and Refining (in Refining Pot) to control process emissions.	<b>Noted &amp; complied.</b>
(vi)	Incinerator shall be designed as per CPCB guidelines. Energy shall be recovered from incinerator.	<b>Noted &amp; complied.</b>
(vii)	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. 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.	<b>Noted &amp; Complied.</b>
(viii)	Ambient air quality monitoring shall be carried out in and around the landfill site at up wind and downwind locations.	<b>Noted &amp; Complied.</b>
(ix)	The depth of the land fill site shall be decided based on the ground water table at the site.	<b>Noted &amp; Complied.</b>
(x)	Environmental Monitoring Programme shall be implemented as per EIA report and guidelines prescribed by CPCB for hazardous waste facilities. Periodical ground water/soil monitoring to check the contamination in and around the site shall be carried out. Regular monitoring of Volatile Organic Compounds (VOCs) should be carried out.	<b>Noted &amp; Complied.</b>
(xi)	All the solvent storage tanks should be connected with vent condensers with chilled brine circulation.	<b>Noted &amp; Complied.</b>
(xii)	The Company shall ensure proper handling of all spillages by introducing spill control procedures for various chemicals.	<b>Noted &amp; Complied.</b>
(xiii)	Total fresh water requirement from GIDC should not exceed 445 KLD.	<b>Noted &amp; Complied.</b>
(xiv)	All leachates arising from premises should be incineration/ Forced evaporation/spraying on landfill.	<b>Noted &amp; Complied.</b>
(xv)	MEE residue should be sent to the incinerator and condensate to the CETP for final treatment. The CETP's should have consent of the Board to treat	<b>Noted &amp; Complied.</b>



	such effluents.	
(xvi)	Effluent shall be treated in the effluent treatment plant followed by RO to achieve zero liquid discharge. Treated effluent shall be recycled/reused for cooling tower make up, plantation and landfill. No effluent shall be discharged outside the plant premises.	<b>Noted &amp; Complied.</b>
(xvii)	The primary treated effluents shall be sent for final treatment to authorized vendors/CETP's only with consent of the Board also to treat effluents from the project.	<b>Noted &amp; Complied.</b>
(xviii)	Real Time Automatic Monitoring facilities should be installed on the stack and on the outlet of the treatment plant as per the guidelines of the Central Pollution Control Board.	<b>Noted &amp; Complied.</b>
(xix)	Ensure compliance to the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and guidelines developed by the CPCB.	<b>Noted &amp; Complied.</b>
(xx)	No non-hazardous wastes, as defined under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 shall be handled in the premises. Hazardous waste shall be sent to an authorized vendor only.	<b>Noted &amp; Complied.</b>
(xxi)	Preparation of Alternate Fuel and Raw material for co-processing should be strictly as per the directives as under the HWM Rules, 2016 and the Central Pollution Control Board after trial runs as prescribed.	<b>Noted &amp; Complied.</b>
(xxii)	Gas generated in the Land fill should be properly collected, monitored and flared.	<b>Noted &amp; Complied.</b> As the gas generation is negligible, flaring is not done
(xxiii)	Project Proponent shall develop green belt, as committed. At least 15 m thick greenbelt shall be developed in the periphery of hazardous waste facility.	<b>Noted &amp; Complied.</b>
(xxiv)	Project should ensure that the site is properly cordoned off from general movement and no unauthorized person or goods permitted to enter the premises. Necessary security provision should be made as a condition in the Authorization under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 prevent unwanted access.	<b>Noted &amp; Complied.</b>



(xxv)	Emergency plan shall be drawn in consultation with SPCB/CPCB and implemented 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.	<b>Noted &amp; Complied.</b>
(xxvi)	Rain water runoff from the landfill area and other hazardous waste management area shall be collected and treated in the effluent treatment plant.	<b>Noted &amp; Complied.</b>
(xxvii)	Pre medical check-up to be carried out on workers at the time of employment and regular medical record to be maintained.	<b>Noted &amp; Complied.</b>


#### **PART B - GENERAL CONDITIONS**

(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.	<b>Noted &amp; Complied.</b>
(ii)	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.	<b>Noted &amp; Complied.</b>
(iii)	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 of mitigation measures and other environmental protection activities.	<b>Noted &amp; Complied.</b>
(iv)	The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	<b>Noted &amp; Complied.</b>
(v)	In the event of a change in project profile or change in the implementation agency, a fresh clearance shall be obtained from the Ministry of	<b>Noted &amp; Complied.</b>



	Environment, Forest & Climate Change.	
(vi)	A copy of the clearance letter will be marked to concerned Panchayat local NGO, if any, from whom any suggestion/ representation has been made received while processing the proposal.	<b>Noted &amp; Complied.</b>
(vii)	The environmental safeguards contained In the EIA Report should be implemented in letter and spirit.	<b>Noted &amp; Complied.</b>
(viii)	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 centre and Collector's Office/ Tehsildar's office for 30 days.	<b>Noted &amp; Complied.</b>
(ix)	The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to this Ministry and its concerned Regional Office.	<b>Noted &amp; Complied.</b>
4	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.	<b>Noted &amp; Complied.</b>
5	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.	<b>Noted &amp; Complied.</b>



6	<p>The project proponent should advertise at least in two local newspapers widely circulated in the region around the project one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Gujarat State Pollution Control Board and may also be seen at website of the ministry of environment &amp; 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 should be forwarded to the regional office of this Ministry at Bhopal.</p>	<p><b>Complied.</b></p> <p>We have given advertisement in papers SANDESH &amp; THE TIMES OF INDIA dated 09.08.2017.</p> 
10	<p>A copy of the clearance letter shall be sent by the proponent to concern panchayat, Zilla Parishad, Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.</p>	<p><b>Complied.</b></p> <p>We had marked the copy of the clearance letter to all the concerned dated 12.08.2017 and recorded. The same has also been uploaded on our company website. The same is attached as <b>Annexure 18</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.**

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

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

<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 MTto 14.58 lacs MT a within the same disposal facility. (CHWTSDF)	<b>Noted.</b>
(ii)	Environmental Clearance to the project was granted by MoEF&CC vide letter No. 10-10/2014-IA-III dated 21.12.2015.	<b>Noted.</b>
(iii)	BEIL Infrastructure Limited (BEIL) is operating Common Hazardouswaste 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.	<b>Noted.</b>



(iv)	The CHWTSDF has been notified by Government of Gujarat. Phase-I of secured landfill facility, after disposal of 6 Lakhs MT of solid/Hazardous wastes, has been capped as per CPCB guidelines. Phase-II of secured landfill has been designed by IIT Delhi and is in operation (since 2007) having the capacity of 17 Lakhs MT. Till August 2015, approximately 15.5 Lakhs MT of solid/hazardous wastes has been disposed. The remaining capacity of 2 Lakhs MT is equivalent to approximately 1 year's 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> ).	<b>Noted.</b>			
(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.	<b>Noted.</b>			
(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 involved in installation of the project is 30 Lakhs.	<b>Noted.</b>			
(vii)	GIDC Water permission for 610 KLD including domestic water consumption. No additional power is required.	<b>Noted and complied.</b>			
		After the Amendment, the total water requirement is 743.4 KLD out of which 26 KLD is for Domestic, 83 is for gardening & 634.4 KLD is for industrial purpose. Water is supplied by the GIDC, and minimum ground water is used. The Water consumption is as below:			
		Month	GIDC Water cons. (KL) (A)	Tanker + Borewell cons. (KL) (B)	Total water cons. (A+B) (KL)
		Oct-24	3750	0	3750
		Nov-24	2471	0	2471
		Dec-24	2244	0	2244



		Jan-25	1536	653.48	2189.5
		Feb-25	2307	216.51	2523.51
		March-25	2703	0	2703
		Total	15011	869.99	15881
		Avg/Daily	82.48		
(viii)	Supply source: Gujarat Electricity Board (GEB). In case of power failure, D.G. Set can be used (2 no's 975KVA capacity each)	Noted and complied.			
(ix)	Project falls under Category "A" as it is an existing Integrated Common hazardous waste treatment, storage, and disposal facilities (TSDFs).	Noted.			
(x)	Leachate / Effluent from landfill will be treated in our Multiple EffectEvaporator (MEE) plant. Whenever MEE is not in operation, leachatewill be sent to CETP of Enviro Technology Limited at Ankleshwar.	Noted and complied.			
(xi)	Total 2,79,233.34 sqm land area is available at site; out of this area about 50514.29 sqm area is covered as greenbelt and other forms of greenery. Total Rs.10 Lakhs shall be spent for green development within premises.	Complied. The green belt is developed in total 41076.95 sq. mt to mitigate the impact on the overall air quality at the site. Layout of green belt within the premises is attached as Annexure – 10. Additionally, we have taken land in the nearby village named Sengpur. wherein we shall carry out greenbelt activities to comply with the statutory requirement. The approval letter received for forestation from village Sengpur is attached as Annexure-10(A).			

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

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

*The Corrigendum for point 4 was received on 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

<b>F. No. 21-48/2021-IA-III</b> Government of India Ministry of Environment, Forest and Climate Change (IA.III Section) Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 110003
<b>June 17<sup>th</sup>, 2021</b>
To,
Shri. B.D. Dalwadi M/s BEIL INFRASTRUCTURE LTD Plot No.9701-16, GIDC Estate, P.B No. 82 Ankleshwar-393002 Email: <a href="mailto:dalwadibd@beil.co.in">dalwadibd@beil.co.in</a>
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	Compliance						
2	The project was considered by the Expert Appraisal Committee (Infra-2) in its 51st meeting held during 21-22 May 2020 and thereafter in its 54th meeting held during 27-28 August 2020. The details of the project, as per the documents submitted by the project proponent, and also as informed during the above meeting are as under:							
i.	<p>M/s Bharuch Enviro Infrastructure Limited (BEIL) pioneer in the Treatment, Storage, and Disposal of Hazardous waste is operating an Integrated TSDF at Ankleshwar with two Common Incineration Systems having a thermal capacity of 6.5 million kcal/hour. The existing capacity of Landfill at the Integrated TSDF site and their status are:</p> <p>Phase I: 6,000,00 MT -Completed &amp; Capped</p> <p>Phase II: 17,00,000 MT completed.</p> <p>Phase III was developed between Phases I and II, having capacity of 11.58 Lacs MT is Operational.</p>	<p><b>Note:</b></p> <p>Phase – I is now a part of Phase – IV, therefore the top cover of Phase – I is re-opened for leveling and disposal of new landfillable waste of Phase IV.</p>						
ii.	The Environmental Clearance for enhancement in capacity from 11.58 Lacs MT to 14.58 Lacs MT was issued vide letter F. No. 10-10/2014- IA- 111, dated 16.04.2018.	<b>Noted.</b>						
iii.	The proposed Phase IV landfill development comprises of optimization of the landfill capacity of the entire site to add 8,90,000 M3 space to accommodate 13,40,000 MT of hazardous waste (waste density 1.5 Mg/m3) 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><b>Noted.</b></p> <p>Now, Phase I is part of Phase IV. Till March'25, an amount of <b>45,18,470.035 MT</b> waste has been disposed of at landfill site.</p>						
iv.	<p>The feasibility report has identified a proposed scheme to extend the life of the hazardouswaste landfill at Ankleshwar for an additional approximately 5.5 years. The additional landfill capacity would comprise an extension to the existing landfill, at four locations around the perimeter. Engineering solutions have been identified to deliver the proposed Phase IV landfill extension. Area and classification of land is as under:</p> <table border="1" data-bbox="193 1592 1042 1917"> <thead> <tr> <th data-bbox="193 1592 451 1630">Phase II</th><th data-bbox="459 1592 786 1630">Phase III</th><th data-bbox="794 1592 1042 1630">Phase IV</th></tr> </thead> <tbody> <tr> <td data-bbox="193 1641 451 1917">Total Site Area = 69 acre. (2,79,233.33 Sq. Meters) = 27.92 ha</td><td data-bbox="459 1641 786 1917">Total Site Area = 69 acres (2,79,233.33 Sq. Meters) Phase III Pit Area = 2.98 Acre (12084 Sq. Meters) Phase III Closure Area = 14.755 Acre (59731 Sq. Meters).</td><td data-bbox="794 1641 1042 1917">Available space: 8,90,000 m3</td></tr> </tbody> </table>	Phase II	Phase III	Phase IV	Total Site Area = 69 acre. (2,79,233.33 Sq. Meters) = 27.92 ha	Total Site Area = 69 acres (2,79,233.33 Sq. Meters) Phase III Pit Area = 2.98 Acre (12084 Sq. Meters) Phase III Closure Area = 14.755 Acre (59731 Sq. Meters).	Available space: 8,90,000 m3	<b>Noted.</b>
Phase II	Phase III	Phase IV						
Total Site Area = 69 acre. (2,79,233.33 Sq. Meters) = 27.92 ha	Total Site Area = 69 acres (2,79,233.33 Sq. Meters) Phase III Pit Area = 2.98 Acre (12084 Sq. Meters) Phase III Closure Area = 14.755 Acre (59731 Sq. Meters).	Available space: 8,90,000 m3						



v.	Permission for total water consumption of 657 KLD for the existing facility including for domestic purposes (27 KLD) is already available from the Gujarat Industrial Development Corporation (GIDC) supply.No additional water will be required, since; the proposedcapacity expansion will be the continued operation of secured landfilling for the disposal of hazardouswaste.	<p>Noted and complied.</p> <p>After Amendment the Total Water Requirement is 743.4 KLD out of which 26 KLD is for Domestic, 83 is forGardening &amp; 634.4 KLD is for industrial purposes. Water is supplied by the GIDC and minimum groundwater i s u s e d . The water consumption is as below:</p> <table><tr><th>Month</th><th>GIDC Water cons. (KL) (A)</th><th>Tanker + Borewell cons. (KL) (B)</th><th>Total water cons. (A+ B) (KL)</th></tr><tr><td>Oct-24</td><td>3750</td><td>0</td><td>3750</td></tr><tr><td>Nov-24</td><td>2471</td><td>0</td><td>2471</td></tr><tr><td>Dec-24</td><td>2244</td><td>0</td><td>2244</td></tr><tr><td>Jan-25</td><td>1536</td><td>653.48</td><td>2189.5</td></tr><tr><td>Feb-25</td><td>2307</td><td>216.51</td><td>2523.51</td></tr><tr><td>March-25</td><td>2703</td><td>0</td><td>2703</td></tr><tr><td>Total</td><td>15011</td><td>869.99</td><td>15881</td></tr><tr><td>Avg KL/Day</td><td colspan="3">82.48</td></tr></table>	Month	GIDC Water cons. (KL) (A)	Tanker + Borewell cons. (KL) (B)	Total water cons. (A+ B) (KL)	Oct-24	3750	0	3750	Nov-24	2471	0	2471	Dec-24	2244	0	2244	Jan-25	1536	653.48	2189.5	Feb-25	2307	216.51	2523.51	March-25	2703	0	2703	Total	15011	869.99	15881	Avg KL/Day	82.48		
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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.	<p><b>. Complied.</b></p> <p>During the power failure, D.G. Set is being used (2×975 kVA capacity each) &amp; DG Set (600 KVA). therefore, no additional power was required during the Phase Nproject</p>																																				
vii.	Project requires appraisal as Category "A" as the project lies in the Critically Polluted Area, as per the MoEF&CC Office Memorandum J-11013/5/2010/1A- II (I) dated 25th November 2016. The moratorium has been lifted in Ankleshwar. Integrated TSDF is listed under Projects of activity at Sr No 7 (d) as per EIA Notification dated 14 <sup>th</sup> September 2006 and its subsequent amendments.	<p><b>Noted.</b></p>																																				
viii.	Leachate / Effluent from landfill will be treated in the existing Multiple Effect Evaporator (MEE) plant. Whenever MEE is not in operation, leachate will be sent to CETP of Enviro Technology Limited at Ankleshwar.	<p><b>Complied.</b></p> <p>The leachate generated from phase IV through the leachate wells is directly treated in the MEE Plant.</p>																																				
ix.	Green belt is developed in an area measuring a total of 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.	<p><b>Complied.</b></p> <p>The green belt is developed in total 41076.95 sq. mt to mitigate the impact on the overall air quality at the site. The layout of the green belt within the premises is attached as <b>Annexure – 10</b>. Additionally, we have taken land in the nearby village named Sengpur. wherein we shall carry out greenbelt activities to comply with the statutory requirement. The approvalletter received for forestation from t h e v i l l a g e o f Sengpur is attached as <b>Annexure-10(A)</b>.</p>																																				



x.	Terms of Reference (ToR) for the proposed expansion (Phase-IV) was granted by MoEF & CC vide Letter F.No. 10-25/2019-IA-III dated 17.05.2019.	<b>Noted.</b>
xi.	Earlier, Public Hearing was exempted as the project site is located in the GIDC Notified industrial area, Gujarat.	<b>Noted.</b>
xii.	Investment/Cost of the project is Rs. 50.58 Crores.	<b>Noted.</b>
xiii.	Benefits of the Project: Continuing the operation of TSDF for scientific disposal of hazardous waste in secured landfill will be a positive environmental impact and sustainable development.	<b>Noted.</b>
xiv.	Employment Potential: Long-term employment opportunity for the local people as well as migrants from nearby areas.	<b>Noted.</b>
3.	The project/activity is covered under category 'B' of item 7 (d) 'Common hazardous waste treatment, storage and disposal facilities (TSDFs)' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at SEAC level. However, due to the 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.	<b>Noted.</b>
4.	The EAC also noted that the proposal is for capacity enhancement of a 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 tons/year for Treatment, Storage, and Disposal of Hazardous waste as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. The baseline study was carried out during 16.10.19 - 15.01.2020. The EAC also deliberated on the certified compliance report provided by the MoEF & CC's Regional Office (WZ), Bhopal vide letter No. 5-28/2008(ENV)/185 dated 02.03.2020 and asked the project proponent to submit additional information. Project Proponent submitted the additional information on Ministry's website on 29.07.2020. Subsequently the proposal was considered by the EAC in its 54th meeting held during 27-28 August 2020. The EAC also took note	<b>Noted.</b>



	point wise reply submitted by Project Proponent towards observations of the EAC.	
5	The EAC, based on the information submitted and clarifications provided by Project Proponent and detailed discussions held on all the issues, recommended the project for grant of environmental clearance with stipulated specific conditions along with other Standard EC Conditions as specified by the Ministry vide OM dated 4th January 2019 for the said project/activity, while considering for accord of environmental clearance.	<b>Noted.</b>
6	As per recommendations of EAC, the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance for the proposed expansion (implementation of Phase-IV) of existing the facility subject to the following specific and general condition.	<b>Noted.</b>

#### **Specific Conditions:**

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



iii.	Existing water consumption is 657 KL/day. No additional water will be required for the proposed expansion. Water is being supplied by GIDC Ankleshwar. No ground water shall be extracted for the proposed facility.	<p>Noted and complied.</p> <ul style="list-style-type: none"><li>After Amendment the Total Water Requirement is 743.4 KLD out of which 26 KLD is for Domestic, 83 is for Gardening &amp; 634.4 KLD is for industrial purposes. Water is supplied by the GIDC and minimum ground water is used.</li><li>As per EC F. 10-10/2014-IA-III dated. 31.12.15 specific condition point (X) we have received NOC No. CGWA/NOC/IND/ORIG/2021/10974 dated 10.02.21 from CGWA to utilize ground water.</li><li>The water consumption is as below:</li></ul> <table><tr><th>Month</th><th>GIDC Water cons. (KL) (A)</th><th>Tanker + Borewell cons. (KL) (B)</th><th>Total water cons. (A+ B) (KL)</th></tr><tr><td>Oct-24</td><td>3750</td><td>0</td><td>3750</td></tr><tr><td>Nov-24</td><td>2471</td><td>0</td><td>2471</td></tr><tr><td>Dec-24</td><td>2244</td><td>0</td><td>2244</td></tr><tr><td>Jan-25</td><td>1536</td><td>653.48</td><td>2189.5</td></tr><tr><td>Feb-25</td><td>2307</td><td>216.51</td><td>2523.51</td></tr><tr><td>March-25</td><td>2703</td><td>0</td><td>2703</td></tr><tr><td>Total</td><td>15011</td><td>869.99</td><td>15881</td></tr><tr><td>Avg KL/Day</td><td colspan="3">82.48</td></tr></table>	Month	GIDC Water cons. (KL) (A)	Tanker + Borewell cons. (KL) (B)	Total water cons. (A+ B) (KL)	Oct-24	3750	0	3750	Nov-24	2471	0	2471	Dec-24	2244	0	2244	Jan-25	1536	653.48	2189.5	Feb-25	2307	216.51	2523.51	March-25	2703	0	2703	Total	15011	869.99	15881	Avg KL/Day	82.48		
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Avg KL/Day	82.48																																					
iv.	Total 396.5 KLD of wastewater will be generated from existing as well as from proposed facility form Leachate of landfill and effluent from various sources like scrubber, washings from lab, drum washing, and cooling water blow down. It shall be treated in existing Multiple Effect Evaporator (MEE) plant. CETP facility shall only be used whenever entire MEE plant is put in maintenance as per SOP.	<p>Noted and complied.</p> <ul style="list-style-type: none"><li>After Amendment the Total wastewater generation is 470.5 KLD out of which 26 KLD is from Domestic &amp; 444.5 KLD is from industrial purposes. Leachate is treated in MEE. The condensate is treated in ETP and is used in quencher/drum washing or sent to ETL.</li><li>Leachate and condensate Generation data are as below:</li></ul> <table><tr><th>Month</th><th>Leachate (Treated in MEE) (KL)</th><th>Condensate and Effluent (Sent to ETL / treated in ETP)</th></tr><tr><td>Oct-24</td><td>1914</td><td>0</td></tr><tr><td>Nov-24</td><td>1458</td><td>680</td></tr><tr><td>Dec-24</td><td>1121</td><td>1070</td></tr><tr><td>Jan-25</td><td>1247</td><td>1190</td></tr><tr><td>Feb-25</td><td>1284</td><td>1070</td></tr><tr><td>March-25</td><td>1295</td><td>950</td></tr><tr><td>Total</td><td>8319</td><td>4960</td></tr><tr><td>Avg (KLD)</td><td>45.71</td><td>27.253</td></tr></table>	Month	Leachate (Treated in MEE) (KL)	Condensate and Effluent (Sent to ETL / treated in ETP)	Oct-24	1914	0	Nov-24	1458	680	Dec-24	1121	1070	Jan-25	1247	1190	Feb-25	1284	1070	March-25	1295	950	Total	8319	4960	Avg (KLD)	45.71	27.253									
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v.	As proposed total greenbelt at 36.14% (14.68% existing + 21.46% capped SLF area) of the total plot area shall be maintained.	<b>Complied.</b> Green belt is developed in total 41076.95 sq. mt to mitigate the impacts on the overall air quality at the site. The layout of the green belt within the premises is attached as <b>Annexure – 10</b> . Additionally, we have taken land in the nearby village, namely Sengpur. wherein we shall carry out greenbelt activities to comply with the statutory requirement. The approval letter received for forestation from the village of Sengpur is attached as <b>Annexure-10(A)</b> .
vi.	The landfill operating area should be kept covered during the monsoon period. During monsoon period, waste shall be collected and temporally stored in the covered storage provided at site.	<b>Complied.</b> At the landfill site, the Operational landfill site is covered with tarpaulin to prevent the seepage of rainwater during monsoon season the collected waste is stored in the temporary storage shed.
vii.	Periodic inspection and routine maintenance at closed landfill site shall be carried out for a period, as proposed i.e. 30 years of closure. A maintenance schedule is to be drawn up in consultation with concerned SPCB. Such schedule should cover, inter-alia, cover system, detection of rupture/ faults, surface water drainage system etc.	<b>Noted and shall be complied.</b>



viii.	The Project proponent should ensure that the facility fulfils all the provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 & the Protocol for 'Performance Valuation and Monitoring for the same as published by the CPCB and Bio-Medical Waste Management Rules, 2016 and the revised guidelines issued by CPCB for Common Bio-Medical Waste Treatment and Disposal Facility. A tracking system for the movement of Hazardous Waste from the generator to the facility site shall be put in place.	<b>Noted.</b>
ix.	The project proponents shall adhere to all conditions as prescribed in the Protocol for 'Performance Evaluation and Monitoring of the Common Hazardous Waste Treatment, Storage and Disposal Facilities published by the CPCB.	<b>Noted.</b>
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.	<b>Complied.</b> <ul style="list-style-type: none"> <li>We have 12 monitoring wells installed in the existing site.</li> </ul>
xi.	Trend analysis of groundwater quality shall be carried out each season and information shall be submitted to the SPCB and the Regional Office of MoEF&CC.	<b>Complied.</b> <ul style="list-style-type: none"> <li>The trend analysis of ground water quality for Oct'24 to March'25 is attached as <b>Annexure-5(A)</b>.</li> <li>Moreover, we have carried out a trend analysis of groundwater results through NPC New Delhi.</li> </ul>



		Report submitted.																		
xii.	Ambient air quality monitoring shall be carried out in and around the landfill site at up wind and downwind locations. On-line real-time continuous monitoring facilities shall be provided as per the CPCB or State Board Directions.	<b>Complied.</b> <ul style="list-style-type: none"><li>CAAQMS system is also installed at the site. We are carrying out Ambient Air Quality Monitoring in and around the premises covering upwind and downwind directions.</li></ul>																		
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.	<b>Complied.</b> <p>BEIL has prepared an on-site Emergency plan, and it is updated annually. An onsite emergency plan is including points like hazard identification and risk analysis, organization setup, communication system, action on site, link with an offsite emergency plan, training rehearsals, and record aspects, offsite effects of any emergency, the duties and functions to control any emergency, etc. Mock drills are also being conducted.</p>																		
xiv.	As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 01.05.2018, and as proposed, a fund of Rs. 0.8257 Crores shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as Solar lights in adjacent villages, Construction of Toilets under Swatch Bharat Abhiyan, Construction of Water harvesting structures etc. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER	<b>Complied.</b> <table><tr><th>F.Y.</th><th>Activities</th><th>Affected area</th><th>Amount (Rs.)</th></tr><tr><td rowspan="3">2021-22</td><td>Amount spent on Education</td><td>Ankleshwar</td><td>5,60,000</td></tr><tr><td>Amount spent on Health</td><td>Jitali</td><td>51,012</td></tr><tr><td>Amount spent on solid waste mgt. projects</td><td>Dadhal</td><td>1,32,000</td></tr><tr><td>2021-22</td><td>Amount spent on Health</td><td>Ankleshwar</td><td>5,60,000</td></tr></table>	F.Y.	Activities	Affected area	Amount (Rs.)	2021-22	Amount spent on Education	Ankleshwar	5,60,000	Amount spent on Health	Jitali	51,012	Amount spent on solid waste mgt. projects	Dadhal	1,32,000	2021-22	Amount spent on Health	Ankleshwar	5,60,000
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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.		Amount spent on Health	Jitali	41,862
		Amount spent on Health	Jitali	9,04,000
		Amount spent on Education	Ankleshwar	50,00,000
	Total			91,88,874

## **B. Standard Condition:**

<b>I. Statutory Compliance:</b>		
i.	The Project proponent should ensure that the TSDF fulfils all the provisions of Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016.	<b>Noted.</b>
ii.	The incinerator shall be designed as per CPCB guidelines. Energy shall be recovered from incinerator.	<b>Complied.</b> The incinerator is designed as per the CPCB guidelines. We have WHRB attached to our Incinerator plant from which we are using the steam generated in our MEE Plants.
iii.	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	<b>Complied.</b> The certificate is attached as <b>Annexure-19</b> .
iv.	All other statutory clearances such as the approvals for storage of diesel from the Chief Controller of Explosives, Fire Department, and Civil Aviation Department, shall be obtained, as applicable by project proponents from the respective competent authorities.	<b>Complied.</b> <ul style="list-style-type: none"> <li>The existing site is in the notified GIDC area and already has applicable clearance/ permissions from the respective authority.</li> <li>Permission from the Civil Aviation Department etc. is not required as our existing site is already in the notified GIDC area.</li> </ul>



I. Air quality monitoring and preservation:		
1.	The project proponent shall install a 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.	<b>Complied.</b> <ul style="list-style-type: none"> <li>• An online stack monitoring system (CEMS) has been installed, the results of which are transmitted to GPCB/CPCB.</li> <li>• Calibration is done on a regular basis.</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.	<b>Complied.</b>
3.	The project proponent shall install a system to carry out Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each), covering upwind and downwind directions.	<b>Complied.</b> <ul style="list-style-type: none"> <li>• For ambient air monitoring we have 4 Monitoring stations.</li> <li>• 3 stations are at an angle of 120 and one station is at the plant area.</li> </ul>
4.	Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions.	<b>Complied.</b>
5.	The project proponent shall submit a 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 the Regional Office of MoEF&CC, Zonal office of CPCB, and Regional Office of SPCB along with six-monthly monitoring report.	<b>Complied.</b> The continuous stack emission monitoring results and air quality monitoring results are attached as CEMS SPD results as <b>Annexure – 20</b> & CEMS Incineration results as <b>Annexure – 21</b> and manual 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 a 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 carryover will be provided to the incinerator) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	<b>Complied.</b> We have provided an appropriate air pollution control system in our existing plant.
7.	The periodical monitoring of Dioxins and Furans in the Stack emissions shall be carried out. Analysis of Dioxins and Furans shall be done through CSIR- National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram or equivalent NABL Accredited laboratory.	<b>Complied.</b> We are monitoring Dioxins and Furans in the Stack emissions quarterly.
8.	Gas generated in the Landfill should be properly collected, monitored and flared	<b>Complied.</b> We are monitoring the vents provided at the closed portion of the landfill every month and the concentrations of hydrocarbons are negligible. The results are attached as <b>Annexure-15</b> .



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.	<b>Noted.</b> GIDC has provided wide roads in the estate and there is no traffic congestion.
<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.	<b>Not Applicable.</b> We are not discharging any effluent.
2.	No discharge in nearby river(s)/pond(s).	<b>Complied.</b> No discharge in the nearby rivers and ponds.
3.	The depth of the landfill site shall be decided based on the groundwater table at the site.	<b>Complied.</b> The landfill is being developed as per CPCB criteria & approved drawings before starting the construction work of the cell. The depth of the water table for the 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.	<b>Complied.</b>
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.	<b>Complied.</b> Generated leachate from the landfill we are treating in the MEE Plant. We have received CC&A (AH-126200) for an ETP (MAP+ RO) capacity of 150 KLD for the treatment of condensate. TCLP test is performed.
6.	The Company shall review the unit operations provided for the treatment of effluents, especially the sequencing of MEE after tertiary treatment, the source of permeate when no R.O. is recommended and the treatment of MEE condensate. The scheme for treatment of effluents shall be as permitted by the Pollution Control Board/Committee under the provisions of consent to establish.	<b>Complied.</b> We are a ZLD unit. We have received CC&A for the installation of 150 KLPD ETP for treatment of MEE condensate water, dated: 22.08.2023.
7.	Scrubber water, leachate water or wheel wash effluent shall be treated in the effluent treatment plant followed by RO to achieve zero liquid discharge.	<b>Complied.</b> We are treating Scrubber water, leachate water, or wheel wash effluent in MEE. We have received CC&A (AH- 126200) for an ETP (MAP+ RO) capacity of 150 KLD for the treatment of condensate to achieve ZLD.
8.	Rainwater runoff from hazardous waste storage area shall be collected and treated in the effluent treatment plant	<b>Complied.</b>
<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	<b>Complied.</b> We are carrying out regular monitoring. The company is also carrying out monitoring through third parties of noise level etc. as per norms laid down by CPCB.



2.	The ambient noise levels should conform to the standards prescribed under E (P) A Rules, 1986 viz. 75 dB (A) during daytime and 70 dB (A) during nighttime.	<b>Noted and complied.</b>
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.	<b>Noted and complied.</b>
<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.	<b>Complied.</b>
<b>V. Waste Management:</b>		
1.	The TSDF should only handle the waste generated from the member units.	<b>Noted and complied.</b>
2.	Periodical soil monitoring to check the contamination in and around the site shall be carried out.	<b>Complied.</b> We carry out soil monitoring once in a Month through 3 <sup>rd</sup> party, the results are <b>Annexure 4.</b>
3.	The Project proponent shall not store the Hazardous Wastes more than the quantity that has been permitted by the CPCB/SPCB.	<b>Noted.</b>
4.	The solid wastes shall be segregated, managed and disposed as per the norms of the Solid Waste Management Rules, 2016.	<b>Not Applicable.</b>
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.	<b>Not Applicable.</b>
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.	<b>Noted and shall be complied.</b>
<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 the Forest Department. The greenbelt shall inter alia cover the entire periphery of the project site.	<b>Complied.</b> Green belt is developed in total 41076.95 sq. mt to mitigate the impactson the overall air quality at the site.The layout of the green belt within the premises is attached as <b>Annexure 10</b> . Additionally, we have taken land in the nearby village namely Sengpur. wherein we shall carry out greenbelt activities to comply with the statutory requirement. The approval letter received for forestation from village Sengpur is attached as <b>Annexure-10(A)</b> .
2.	Topsoil shall be separately stored and used in the development of green belt.	<b>Complied.</b>

**VII. Public hearing and Human health issues:**

1.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	<b>Complied.</b> BEIL has prepared an On-site Emergency plan, and it is updated annually. An on-site emergency plan includes points like hazard identification and risk analysis, organization setup, communication system, action on site, link with an offsite emergency plan, training rehearsals and record aspects, offsite effects of any emergency, the duties and functions to control any emergency etc. Mock drills are also being conducted. On-site Emergency Plan submitted to DISH inward letter copy is attached as <b>Annexure 08</b> .
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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.	<b>Not Applicable.</b>
3.	Occupational health surveillance of the workers shall be done on a regular basis.	<b>Complied.</b> We check the hemoglobin of every employee quarterly and a full body check-up once in a year.

#### **VIII. Corporate Environment Responsibility:**

1.	The company shall have a well-laid-down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/ violation of the environmental / forest /wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation /violation of the environmental / forest /wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	<b>Noted and shall be complied.</b>
	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.	<b>Complied.</b> <ul style="list-style-type: none"> <li>• The company has separate Environmental Management cell. Vice president (VP) – Operation, Environmental lab head, are directly reporting to Chief executive officer/ Director.</li> <li>• Details of the people engaged in the Environment cell are as below: <ul style="list-style-type: none"> <li>✓ Mr. Manoj Patel: VP– Operation (BE Civil)</li> <li>✓ Ms. Rakshita Vyas: - DGM- Environment (PGD-Environment)</li> </ul> </li> </ul>



2.		<ul style="list-style-type: none"> <li>✓ Mr. Narendra Patel: Head, Environment Lab.</li> <li>✓ Mr. Chirag Vasoya: Executive – Environment (BE Environment)</li> <li>✓ Nirjal Patel: Officer- Environment (BE Environment)</li> <li>✓ Khushboo Patel: Officer - Environment (BE Environment)</li> <li>✓ Jaydeep Kushwaha: Trainee – Environment (BE Environment)</li> <li>• Corporate Environment Cell: <ul style="list-style-type: none"> <li>✓ Mr. B.D. Dalwadi - CEO - (BE – Chemical)</li> <li>✓ Dr. P N Parameswaran: Advisor – Environment</li> </ul> </li> </ul>
3.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.	<p><b>Complied.</b></p> <ul style="list-style-type: none"> <li>• EMP Compliance is attached as <b>Annexure – 7.</b></li> <li>• A separate account (Escrow account) is maintained for environmental protection. These funds are not diverted for any other activity. The details are submitted quarterly.</li> </ul>
4.	Self-environmental audit shall be conducted annually. Every three <del>ya</del> third party environmental audit shall be carried out.	<p><b>Complied.</b></p> <ul style="list-style-type: none"> <li>• Environment Audit is done every year by a third party on half yearly basis and the same is submitted to the State pollution control board (GPCB).</li> <li>• We have carried out an Environment Audit through NPC, New Delhi every three years.</li> </ul>
<b>IX. Miscellaneous:</b>		



i.	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	<b>Complied.</b> Advertisement Published in Times of India (English Language) and Divya Bhaskar (Gujarati Language). The Same has been informed to MoEF&CC Regional Office Bhopal, GPCP Gandhinagar and GPCB regional Office Ankleshwar vide Letter # BEIL/ANK/2020-21/47 Dated 19.11.20 and the same as attached as <b>Annexure – 17.</b>
ii.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the government who in turn has to display the same for 30 days from the date of receipt.	<b>Complied.</b> We had marked a copy of the clearance letter to all the concerned authorities. Same is attached as <b>Annexure – 22.</b>
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.	<b>Complied.</b>
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.	<b>Complied.</b>
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.	<b>Complied.</b>



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.	<b>Complied.</b> we have a digital display board in front of our main entry gate which displays all required data and monitoring parameters results.
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.	<b>Complied.</b> The SPCB is informed from time to time about the status of the project.
viii.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	<b>Noted.</b>
ix.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and that during their presentation to the Expert Appraisal Committee.	<b>Noted.</b>
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).	<b>Noted.</b>
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.	<b>Noted.</b>
xii.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	<b>Noted.</b>
xiii.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time-bound manner shall implement these conditions.	<b>Noted.</b>



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.	<b>Noted and shall be complied.</b>
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.	<b>Noted.</b>
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.	<b>Noted.</b>
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.	<b>Noted.</b>
8	This issues with the approval of the competent Authority.	<b>Noted.</b>



**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.</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.	<b>Noted.</b>
<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.	<b>Complied.</b> The design of the landfill is as per the guidelines of the central pollution control board i.e. complying with all locations, planning – design, phase operation, liner system, closure and post-closure maintenance plan, site infrastructure, environment monitoring system, financial assurance, etc. criteria along with leachate collection arrangement and treatment facility. The designs are also approved by IIT Delhi and submitted to GPCB. Compliance of the central pollution control board guidelines are attached as <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.	<b>Complied.</b> 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.	<b>Complied.</b> 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> .	<b>Complied.</b> All relevant details are maintained as per <b>Form 4</b> (Annual Return).
<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.	<b>Complied.</b> We are submitting <b>Form – 4</b> (Annual Return) for each financial year.
<b>18. Transportation of hazardous and other wastes. -</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.	<b>Complied.</b> We have ensured that the transportation of the hazardous waste is done according to the guidelines. All transporters are registered.



2	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> .	<b>Complied.</b> A proper Labeling system and TREM Card are provided to the transporter. An online manifest system is followed.
4	In case of transportation of hazardous and other waste for recycling or utilization including co-processing, the sender shall intimate both the State Pollution Control Boards before handing over the waste to the transporter.	<b>Complied.</b> For trial run purposes an intimation letter is given to both the SPCBs.
5	In case of transit of hazardous and other waste for recycling, utilization including co- processing or disposal through a State other than the States of origin and destination, the sender shall give prior intimation to the concerned State Pollution Control Board of the States of transit before handing over the wastes to the transporter.	<b>Complied.</b> An intimation letter is given to all the SPCBs involved.
6	In case of transportation of hazardous and other waste, the responsibility of safe transport shall be either of the sender or the receiver whosoever arranges the transport and has the necessary authorization for transport from the concerned State Pollution Control Board. This responsibility should be clearly indicated in the manifest.	<b>Noted and has been followed.</b>
7	The authorization for transport shall be obtained either by the sender or the receiver on whose behalf the transport is being arranged.	<b>Complied.</b> We have authorized vehicles that are equipped with a VLTS-GPS system and are being used for the Transportation of Hazardous waste from member Industries to TSDF.



## Annexure-2

### Compliance of CPCB Criteria for Hazardous waste landfill

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), Kondh ki Khadi.</li><li>• Nearest village is at about 1.2 km (ENE), Jitali.</li><li>• Nearest airport is at about 63km (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> <ul style="list-style-type: none"><li>• Appropriate base and side liners have been provided according to the criteria. Leachate collection wells (6 for Phase I, 7 for Phase II and 3 for Phase III) has been provided for collecting leachate and 3 for phase – IV is designed, which further send to MEE for further treatment. In the event of a shutdown or maintenance of the MEE at <b>M/s BEIL, Ankleshwar</b>, the leachate/effluent will be redirected sent to the <b>M/s ETL</b> for further treatment and disposal.</li><li>• Adequate nos. of vents have been provided for gas monitoring.</li><li>• Surface water drainage system is provided.</li></ul>
	<p>2. Phased Operation:</p> <ul style="list-style-type: none"><li>- During the monsoon months the waste may stockpiled in a temporary holding area (covered with roof). During this period and the landfill may be kept capped with final cover/ intermediate cover and landfill operations suspended to reduce infiltration of rainwater into the landfill.</li></ul>	<p><b>Complied.</b></p> <p>Landfill site operation is being suspended during the 4 months of monsoon. We have separate storage sheds. It also has the same side and base lines system provided with roof. The 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> </ul> <p>Prevention of migration of leachate from landfill sides and landfill base to the subsoil by suitable liner system; and Drainage of leachate collected at the base of a landfill to the side of the landfill and removal of the leachate from within the landfill.</p>	<p><b>Complied.</b></p> <p>A proper base and side liner have been provided according to the criteria. The 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></p> <p>Leachate collection wells (6 for Phase I, 7 for Phase II and 3 for Phase III) have been provided, 3 for phase IV shall be provided and collected leachate is treated onsite in MEE or ETP treatment.</p>
	<p>5. Gaseous Emission Management:</p> <ul style="list-style-type: none"> <li>- Controlled passive venting</li> <li>- Controlled collection and treatment</li> </ul>	<p><b>Complied.</b></p> <p>Adequate nos. of vents have been provided to collect and monitor the generation of gas.</p>
	<p>6. Final Cover System</p>	<p><b>Complied.</b></p> <ul style="list-style-type: none"> <li>• Phases I has been partially opened (Phase – I is now a part of Phase – IV, therefore top cover of Phase – I is re-opened for leveling and disposal of new landfillable waste of Phase IV)</li> <li>• Phase- II is Partially Capped.</li> <li>• Phase III is Partially in operation.</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> <li>- Signs and Directions</li> <li>- Water Supply</li> <li>- Lighting</li> <li>- Vehicle Cleaning Facility</li> <li>- Fire Fighting Equipment</li> </ul>	<p><b>Complied.</b></p> <p>All the facilities like site entrance and fencing, administration, site control offices, access roads, waste inspection, sampling facility, water supply, lighting, vehicle cleaning facility, firefighting equipment, signs and directions, etc., have been provided.</p>
	<p>8. Environment Monitoring System:</p>	<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 groundwater, leachate, VOC generation, ambient air monitoring, and noise monitoring has been conducted on a regular basis.</li> </ul>



	9. Closure and post closure maintenance plan	<b>Complied.</b> <ul style="list-style-type: none"> <li>• Phases I has been partially opened (Phase – I is now a part of Phase – IV, therefore top cover of Phase – I is re-opened for leveling and disposal of new landfillable waste of Phase IV)</li> <li>• Phase- II is Partially Capped.</li> <li>• Phase III is Partially in operation.</li> </ul> Currently Phase IV is in Operation.
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3.	Waste Acceptance Criteria	<b>Complied.</b> 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.
4.	Construction and operational Criteria: <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>	<b>Complied.</b> Proper facilities wise for site development like record keeping for site manual, site reports, vehicle inspection is provided.
5.	Inspection, Monitoring and record keeping criteria: <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>	<b>Complied.</b> Regular inspections of liners and covers were conducted during the construction phase Of the landfill. An adequate environmental monitoring system has been provided.
6.	Financial Assurance Criteria	<b>Complied.</b> We regularly maintaining-escrow accounts for financial assurance criteria to meet the closure and post-closure activity of the landfill.
7.	Contingency Plan for Emergency	<b>Complied.</b> We are having an onsite emergency plan, which is updated on a yearly basis and submitted to GPCB, RO.









# GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN, SECTOR 10-A,

GANDHINAGAR - 382010,

(T) 079-23232152

BY R.P.A.D

In exercise of the power conferred under section-25 of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution)-1981 and Authorization under rule 6(2) of the Hazardous and Other Waste (Management and Transboundary Movement) Rules 2016 & as amended from time to time framed under the Environment (Protection) Act-1986.

And whereas Board has received consolidated consent application Inward I.D No. 256827 dated 19/08/2022 for the renewal cum amendment in Consolidated Consent and Authorization (CC&A) of this Board and under the provisions/rules of the aforesaid acts. Consents & Authorization are hereby granted as under.

## CONSENTS AND AUTHORISATION:

(Under the provisions /rules of the aforesaid environmental acts)

To,

M/s. BEIL Infrastructure Ltd,

Plot No. 9701-9716, 9801-9828, 9901-9906, 9923-9928, 9601-9604,

10001-10003, G-7&8, 7924-7927, 9401-9412, 9501-9506,

7905 E to H, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

### 1. CONSENT ORDER NO: AWII- 126148, DATE OF ISSUE 08/05/2023

The consent under Water Act-1974, Air act-1981 and Hazardous and Other Wastes (M&TM) Rules-2016 shall be valid up to 31/07/2027 at Plot No. 9701-9716, 9801-9828, 9901-9906, 9923-9928, 9601-9604, 10001-10003, G-7&8, 7924-7927, 9401-9412, 9501-9506, 7905 E to H, GIDC Estate, Ankleshwar-393002, Dist: Bharuch for the following facility.

Sr. No.	Product	Capacity
1.	Common secured landfill site (TSDI)	Cell 1 & 2 : 23,00,000 MT [Closed and capped] Cell 3 : 14,58,000 MT [Operational] Phase IV-Cell A : 3,60,000 Lakh MT [Operational]
2.	Incineration Facility along with heat recovery system	1) Incinerator 1 - 6.5 Million Kcal/Hr (60 MLD) 2) Incinerator 2 - 6.5 Million Kcal/Hr (60 MLD)
3.	Multi Effective Evaporator System (Integrated with incinerator)	15 MT/Hr
4.	Plastic Granules (Recyclable)	75 MT/Month
5.	Processing of plastic waste to reuse as RDF	100 MT/Month
6.	Drum Decontamination and disposal System	1,08,000 Nos/Year
7.	Pre-Processing facility	Waste mix Liquid 16,000 MTPA Waste mix Solid 10,000 MTPA

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8	E-Waste Collection, Storage, Transportation, dismantling and Recycling	700 MTPA
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## **2. SUBJECT TO THE FOLLOWING SPECIFIC CONDITIONS**

- 2.1 Unit shall strictly comply with all the conditions mentioned in the Environment Clearance granted by Ministry of Environment & Forest vide bearing no. 10-48/2007-IA-III dt.04/03/2008, no.10-10/2014-IA-III dt.31/12/2015, dt.01/08/2017, dt.16/04/2018, dt.18/09/2020, No. F.No.10-25/2019-IA-III dt.15/10/2020 and F.No.10-10/2014-IA-III dt.18/11/2021.
- 2.2 Unit shall comply with all the recommendations, suggestions and Environmental stipulations given by Hon. Supreme Court of India, Ministry of Environment, Forests and Climate Change, New Delhi, Central Pollution Control Board and Gujarat Pollution Control Board from time to time.
- 2.3 Unit shall strictly adhere and comply with the Guidelines/Manuals published by the relevant authorities for Construction and safe operation of the Hazardous Waste TSDF/Incineration systems like (a) Criteria for Landfills (b) Manual for design, construction and quality control of liners and covers of Hazardous Waste Landfills (c) Guideline for proper functioning and upkeep of disposal site (d) Guideline for transportation of Hazardous Waste (e) Guideline for setting up of operating facility (f) Guideline for Hazardous waste Incinerator etc., along with the instruction and stipulation issued time to time for the safe handling, construction and operating of Hazardous Waste TSDF/Incineration Sites.
- 2.4 In case of deviation or alteration in the project including the implementing agency, a fresh reference shall be made to GPCB and MoEF&CC, New Delhi for modification in the Clearance conditions or imposition of new one for ensuring environmental protection. The project proponent shall be responsible for implementing the suggested safe guards.
- 2.5 Unit shall have to follow the Guideline for Transportation, Storage, Handling and Labelling of Hazardous Waste published by CPCB.
- 2.6 Unit shall have to take all the precautions to control fugitive emission and Odour control from the different operations of your site as per the Guideline of CPCB.
- 2.7 Unit shall make necessary arrangement for online monitoring of below shown parameter online and display it online on XGN.

<b>Sr No</b>	<b>Air Emission Parameter</b>	<b>Water parameter at outlet of ETP</b>
1	Flow of emission	Flow of outlet
2	SOx	pH
3	NOx	TOC or COD
4	Particulate Matter (PM)	Ammonical nitrogen

- 2.8 The project proponent shall use Hazardous waste tracking system of Xtended Green Node (XGN) for on line real time data updation on Transportation of Hazardous waste by them. The compilation of real time data for preparing online manifest by the generator, Transporter and receptor shall have to be maintained on daily basis & submitted by the generator and receptor of the facility to the concern Regional Office of GPCB and Head Office GPCB.





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- 2.9 The project proponent shall transport Hazardous waste through authorized dedicated Vehicles with GPS (Global Positioning System) enabled mounted truck "AIS 140 compliant" system and in line with Hazardous and Other Waste (M & TM) Rules-2016.
- 2.10 Unit shall develop green belt all along the periphery of the TSDF as per the CPCB guidelines with plant species that are significant and used for the pollution abatement. Drip irrigation system shall be used for the green belt for optimum utilization of the water resources.
- 2.11 In no circumstances, Waste Water containing odorous compounds, VOCs and Ammonical nitrogen shall be evaporated in spray dryer.
- 2.12 Unit shall comply all condition of "Guidelines for Pre-Processing and Co-Processing of Hazardous and other Wastes in Cement Plant as per HOWM Rules 2016" published by CPCB.
- 2.13 Unit shall maintain and submit monthly inventory of hazardous & non-Hazardous waste i.e. Quantity, type of waste etc. utilize for preparation of co-processing blend.
- 2.14 Unit shall send their pre-processed waste as per waste blend characteristic approved by CPCB to cement industries only.
- 2.15 Unit shall comply with the CPCB guideline "Guidelines for Environmentally Sound Management of E-Waste".
- 2.16 Unit shall provide at least two stage scrubbing system of appropriate media for the control of the process gas emission.
- 2.17 Unit shall install CEMS (as per CPCB guidelines for relevant parameters) which shall be connected with GPCB/CPCB server to the Stacks provided with Common Multiple Effect Evaporator (CMEE), Common Spray Dryer, Common incinerator etc.
- 2.18 Unit shall take adequate measures to control odour nuisance from the industrial activities which may include measures like- use of masking agent with atomizer system (water curtain), closed / automatic material handling system, containment of the odour vulnerable areas etc.
- 2.19 Unit shall not use Pet-coke, furnace oil, LSHS as a fuel.
- 2.20 Unit shall provide Wall to Wall carpeting in vehicle movement areas within premises to avoid dusting.
- 2.21 Unit shall comply with additional condition for CPA/SPA areas as per GPCB office order dated: 11/11/2019.

## **[A] Additional conditions under Air Act:**

- a) Unit shall adhere to stringent air pollutants standards i.e. 80 % of existing flue gas and process emission standards in the CPA.

Parameters	Flue gas Emission Standards	
	Existing	Revised norms (80% of Existing)
PM	150 mg/Nm <sup>3</sup>	120 mg/Nm <sup>3</sup>
SO <sub>2</sub>	100 PPM	80 PPM
NO <sub>x</sub>	50 PPM	40 PPM

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<b>Process gas Emission Standards</b>		
<b>Parameters</b>	<b>Existing</b>	<b>Revised norms (80% of Existing)</b>
HCL	20 mg/Nm <sup>3</sup>	16 mg/Nm <sup>3</sup>
SO <sub>2</sub>	40 mg/Nm <sup>3</sup>	32 mg/Nm <sup>3</sup>
NO <sub>x</sub>	25 mg/Nm <sup>3</sup>	20 mg/Nm <sup>3</sup>
Ammonia	175 mg/Nm <sup>3</sup>	140 mg/Nm <sup>3</sup>

- b) Following air pollution control measures shall be provided for the flue gas emission sources like Boiler, Thermic Fluid Heaters etc. (As Applicable) (For solid fuel based utilities)

<b>Stipulated APCM in Red category industrial units of CPA</b>	
<b>Steam generation capacity (in TPH)</b>	<b>Type of APCM</b>
Less than 1	Multi Cyclone
1 to <3	Multi Cyclone + Water Scrubber
3 to <6	Bag filter + Water Scrubber
> 6	ESP + Water Scrubber

- c) Unit shall provide at least two stage scrubbing system of appropriate media for the control of the process gas emission.
- d) Unit shall install and commission Continuous Emission Monitoring System- CEMS (as per CPCB guidelines for relevant parameters) which shall be connected with GPCB/ CPCB server (In case of large and medium red category industries)
- e) All common facilities shall install CEMS (as per CPCB guidelines for relevant parameters) which shall be connected with GPCB/CPCB server to the Stacks provided with Common Multiple Effect Evaporator (CMEE), Common Spray Dryer, Common incinerator etc.
- f) The unit shall adhere to Sector specific guidelines/ SOP published by GPCB / CPCB from time to time for effective fugitive emission control. (like guidelines for: Stone crushing units, Coal handling units, spent solvent handling and management, spent acid management, Decontamination of drums, containers etc.)
- g) Unit shall take adequate measures to control odour nuisance from the industrial activities which may include measures like- use of masking agent with atomizer system (water curtain), closed / automatic material handling system, containment of the odour vulnerable areas etc.
- h) Unit shall not use Pet-coke, furnace oil, LSHS as a fuel.
- i) Unit shall adopt sectoral Best Available Technology-BAT (Like Use of Induction Furnace, Electric Arc Furnace instead of Cupola furnace in foundry industry, Caustic Recovery System in Cotton Textile units etc.)
- j) Unit shall provide green belt of 40% of the plot area, using concept of the social forestry and development of green belt outside project premises in adjacent areas.
- k) Unit shall provide Wall to Wall carpeting in vehicle movement areas within premises to avoid dusting.

Outward No: 7508/2014-15/0183





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## **[B] Additional conditions under the Water Act:**

- Unit shall only use treated effluent for preparation of lime and other slurry in ETP. No fresh water shall be utilized in ETP.
- In the case, if the Industry is not a member of CETP and domestic waste water generation is more than 10 KI.PD, industry shall install STP of adequate capacity and treated sewage shall be reused / recycled to the maximum extent.
- In case of Large and Medium Red Category industry, the unit shall install system for continuous monitoring of effluent quality / quantity as per CPCB guidelines for relevant parameters (like pH, Flow, Temperature, TOC/COD, NH<sub>3</sub>-N etc.) and shall be connected to GPCB server. In case, if the industry is a member of CETP, unit shall install flow meter.
- If the water consumption of the unit is more than 50 KI.PD, Unit shall submit detailed water harvesting plan (off site).
- The unit shall explore Techno-Economic feasibility of Zero Liquid Discharge (ZLD) and if feasible, ZLD should be adopted.

## **[C] Additional conditions under the Hazardous Waste Management Rules:**

- Unit shall strictly carry out handling, storage and disposal of fly-ash, slag, red-mud, de-inking sludge etc. (High Volume- Low Effect Wastes) as per prevailing guidelines and its disposal at designated locations approved by the Board.
- Industry shall dispose its hazardous wastes through co-processing, pre-processing to the extent possible prior its disposal to incineration/ landfill as per provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
- Industry shall strictly comply with all the measures specified in guidelines for spent solvent management, spent acid management, and other guidelines/directions published from time to time by GPCB and/or CPCB, etc.
- Unit shall carry out transportation of hazardous wastes through GPS mounted vehicles only.

## **[D] Other General Conditions:**

- Unit shall submit report of compliance of the conditions of EC every year to the Board prepared by third party.
- Unit shall enhance CER fund allocation to at least 1.5 times the slabs given in the OM dated 01.05.2018 for SPA and 2 times for CPA in case of Environmental Clearance.

## **3. CONDITION UNDER WATER ACT 1974**

3.1 Total water consumption (743.4 KI./Day) shall not exceed following category wise utilization:

Sr. No	Purpose	Quantity
1	Domestic	26 KI.PD
2	Gardening	83 KI.PD
3	Industrial	634.4 KI.PD

3.2 Industrial waste water generated from leachate, drum decontamination, tanker decontamination, tyre washing, laboratory, scrubber bleed water, washing, MBE condensate

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shall not be used directly for the processes like quenching, cooling by which there are possibility of generation of odour, VOC emission. Specific records shall be maintained for generation of trade effluent and its management.

- 3.3 The generation and discharge of industrial effluent from the common facilities and other related operations of the site shall not exceed 444.5 KI/day out of which 144.5 KI/day waste water generation from bleed liquor, landfill site, scrubber & waste heat recovery boiler shall be treated into MBE plant or incinerator facility and remaining 300 KI/day waste water shall be treated in MBE plant and/or sent to M/s ETL for treatment & disposal. In case of shut down/maintenance of MBE of M/s BHEL, Ankleshwar, effluent shall be sent to MBE of BHEL Dahej for further treatment.
- 3.4 The quantity of the domestic waste water (Sewage) shall not exceed **26 KI/Day**.
- 3.5 The domestic waste water (Sewage) shall be treated in STP plant and treated sewage shall be reused/ recycled within premises.
- 3.6 The quality of industrial effluent shall conform to the following standards (as per GPCB norms, whichever is applicable) (For discharge into CETP- ETL).

Sr. No.	PARAMETERS	PERMISSIBLE LIMIT
1	Biochemical Oxygen Demand, BOD <sub>5</sub> , 27° C	3600 mg/L.
2	Chemical Oxygen Demand (COD)	11000 mg/L.
3	Phenolic Compounds (as C <sub>6</sub> H <sub>5</sub> OH)	5 mg/L.
4	Ammonia	100 mg/L.
5	Free Acidity	55000 ppm
6	Cyanide (as CN)	0.2 mg/L.
7	Pesticides	Absent
8	Hexavalent Chromium (as Cr <sup>+6</sup> )	0.1 mg/L.
9	Total Chromium (as Cr)	2 mg/L.
10	Copper (as Cu)	3 mg/L.
11	Nickel (as Ni)	3 mg/L.
12	Zinc (as Zn)	15mg/L.
13	Mercury (as Hg)	0.01 mg/L.
14	Lead (as Pb)	0.1 mg/L.
15	Arsenic (as As)	0.2 mg/L.
16	Cadmium (as Cd)	1 mg/L.
17	Selenium (as Se)	0.05 mg/L.

- 3.7 The effluent conforming to the above standards shall be disposed to CETP of ETL through designated road tankers for further treatment & disposal.
- 3.8 Unit shall be required to make storage facilities to store the effluent for at least 72 hours by providing acid proof brick lined impervious tanks/HDPE tanks.
- 3.9 In case of shut-down of plant for more than three (3) days for any reason, the ETL unit member shall intimate to ETL authority & GPCB well in advance for the better operation & management of CETP.





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- 3.10 Unit shall make fixed arrangement for loading the effluent from their collection tanks to the designated tanker of ETL. Unit shall not keep any by-pass line or system or loose or flexible pipe line for loading the effluent into the designated tanker of ETL.
- 3.11 Magnetic flow meters shall be installed at the inlet & outlet of effluent collection tanks/ETP to measure the quantity of effluent send to ETL.
- 3.12 Unit shall affix of water meters for the purpose of measuring and recording the quantity of water consumed at such places as may be required, within 15 days and it shall be presumed that the quantity indicated by the meter has been consumed by the unit until the contrary is proved.
- 3.13 The underground drainage connection given by the GIDC for discharge of industrial effluent shall be disconnected & the outlet shall be sealed, if unit have.
- 3.14 The entire quantity of industrial effluent shall have to be send to ETL for further treatment & disposal. In no circumstances the effluent either treated or untreated shall be discharged into underground drainage pipeline of GIDC, storm water drain or anywhere else.
- 3.15 Unit shall provide adequate / safe effluent sampling facility for the effluent being stored in final collection / discharge tank of ETP or being discharged into CETP.
- 3.16 Unit 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.
- 3.17 Unit shall put up at the entrance a board displaying the name of unit, particulars of the products/ process, the name of proprietor/partners/directors of the unit, ETL membership number & date of joining of ETL, the electricity consumer number as on the record of DGVCL.
- 3.18 Unit shall have to display on-line data outside the main factory gate with regard to and nature of hazardous chemicals being handled in the plant, including waste water and air emission and solid hazardous waste generated within the factory premises.
- 3.19 Unit shall either stop or curtail its production activities if the effluent is not adequately treated by the ETL to conform to the standards specified by GPCB.
- 3.20 The authorized representative of ETL shall have right of entry at any time for the purpose of inspection and monitoring the effluent collection facilities/ETP (if required) of Unit.
- 3.21 Unit shall have to keep accurate records of quality & quantity of effluent discharged to ETL on day-to-day basis. Separate logbook shall be maintained for recording the data & shall be made available for inspection as & when asked.
- 3.22 Unit shall keep accurate records of quantity of production of each product, quantity of water consumption, quantity of effluent generated and consumption of electricity on day to day basis and required to submit the complied record of each month to GPCB on or before fifth day of the succeeding month.
- 3.23 In case of incinerators or MBB, the flow measuring devices for mother liquor/ toxic effluent/ Non-biodegradable effluent, light diesel 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 also be provided. These data of temperature & flow should be recorded every day & submitted to GPCB on monthly basis.



- 3.24 Disposal system for storm water shall be provided separately. In no circumstances storm water shall be mixed with the industrial effluent.
- 3.25 Leachate from the hazardous solid waste, if any shall also be connected into a collection tank through leachate collection facilities and shall be treated along with industrial effluent and final treated effluent shall be discharged to the CETP of ETL.
- 3.26 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 until the ETL membership is resumed.

#### **4. CONDITIONS UNDER AIR ACT 1981:**

- 4.1 The following shall be used as fuel in the common hazardous waste incinerator, DG set and boiler, spray dryer.

Sr. No.	Fuel	Quantity
1	HSD (For D.G Set)	0.54 KI/Hr
2	Natural Gas (Incinerations)	4,80,000 Nm <sup>3</sup> /Month
3	Natural gas (Boiler)	13,200 Nm <sup>3</sup> /Month
4	Natural gas (Spray Dryer)	690 Nm <sup>3</sup> /Month

- 4.2 The flue gas emission through stack attached to the below shall conform to the following standards:

Sr. No	Stack Attached to	Stack height in Meter	APCM	Permissible Limit
1	D.G Set (975 KVA ) (02 Nos)	As per condition no. 4.4	Acoustic Enclosure	PM : 150 mg/Nm <sup>3</sup> SO <sub>2</sub> : 100 ppm NO <sub>x</sub> : 50 ppm
2	DG set (600 KVA)	As per condition no. 4.4	Acoustic Enclosure	
3	Heat Recovery boiler attached with incinerator	--	--	

- 4.3 The applicant shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to/and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted/displayed to facilitate identification.
- 4.4 The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75dB(a) during day time and 70 dB (A) during night time. Daytime is reckoned in between 6a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.





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## D.G Sets Conditions

- The D.G. Set shall have acoustic enclosure and shall comply with the standards specified at Sr. No. 95 of Schedule-I of the rule-3 of E.P. Rules-1986 and Noise pollution level as per the Air Act-1981.

### **D.G. Sets standards:-**

The flue gas emission through stack attached to D.G. Sets shall conform to the following standards.

- The minimum height of stack to be provided with each of the generator set shall be  $H \geq h + 0.2 (KVA)^{1/2}$ , where H = Total stack height in meter, h = height of the building in meters where or by the side of which the generator set is installed.
- Noise from DG set shall be controlled by providing an acoustic enclosure or by treating the room acoustically, at the users end.
- The acoustic enclosure or acoustic treatment of the room shall be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on the higher side ( if the actual ambient noise is on the higher side, it may not be possible to check the performance of the acoustic enclosure/ acoustic treatment. Under such circumstances the performance may be checked for noise reduction up to actual ambient noise level, preferably, in the night time). The measurement for insertion loss may be done at different points at 0.5 m from the acoustic enclosure/room, and the averaged.
- The D.G. Set shall be provided with proper exhaust muffler with insertion loss of minimum 25 dB (A).
- All efforts shall be made to bring down the noise level due to the D.G. Set, outside the premises, within the ambient noise requirements by proper siting and control measures.
- Installation of a D.G. Sets must be strictly in compliance with the recommendations of the D.G. Set manufacturer.
- A proper routine and preventive maintenance procedure for the D.G. Set should be set and followed in consultation with the DG Set manufacture which would help prevent noise levels of the DG Set from deteriorating with use.

4.5 The process gas emission through stack attached to the hazardous waste incinerator shall conform to the following standards :

Sr No.	Stack attached to	Stack height in meter	APCM	Permissible limit
1.	Incinerator-1 & 2 (each 6.5 million kcal/hr)	45	Quencher, Cooler, Bag filter, Scrubber	Emission standards for hazardous waste as approved by CPCB and published in guideline of common hazardous waste incinerator given at condition no.4.4
2.	Landfillable waste stabilization area	11	Alkali Scrubber	PM-150 mg/Nm <sup>3</sup> HCl-20 mg/Nm <sup>3</sup>



3.	Waste handling area	11	Alkali Scrubber	HCl-20 mg/Nm <sup>3</sup>
4.	Spray Dryer (9000 Kg/hr)	45	Wet scrubber, Cyclone separator	Cl <sub>2</sub> -9 mg/Nm <sup>3</sup> PM-150 mg/Nm <sup>3</sup>
5.	Dismantling section & CRT crushing chamber	3 meter above roof level	Suction hood, Bag filter, Cyclone separator with chimney	-

4.6 The applicant shall operate air pollution control system (APCM) in order to achieve norms prescribed by CPCB and published in guideline for Common Hazardous Waste incinerator shown below:

Parameter		Emission standard
Particulates	50 mg/Nm <sup>3</sup>	Standard refers to half hourly average value
HCl	50 mg/Nm <sup>3</sup>	Standard refers to half hourly average value
SO <sub>2</sub>	200 mg/Nm <sup>3</sup>	Standard refers to half hourly average value
CO	100 mg/Nm <sup>3</sup>	Standard refers to half hourly average value
Total Organic Carbon	50 mg/Nm <sup>3</sup>	Standard refers to daily average value
HF	20 mg/Nm <sup>3</sup>	Standard refers to half hourly average value
NO <sub>x</sub> (NO and NO <sub>2</sub> expressed as NO <sub>2</sub> )	4 mg/Nm <sup>3</sup>	Standard refers to half hourly average value
Total dioxins and furans	400 mg/Nm <sup>3</sup>	Standard refers to half hourly average value
	0.1 ng TEQ/Nm <sup>3</sup>	Standard refers to 6-8 hours sampling. Please refer guidelines for 17 concerned congeners for toxic equivalence values to arrive at total toxic equivalence
Cd+ Th+ their compounds	0.05 mg/Nm <sup>3</sup>	Standard refers to sampling time anywhere between 30 minutes and 8 hours.
Hg and its compounds	0.05 mg/Nm <sup>3</sup>	Standard refers to sampling time anywhere between 30 minutes and 8 hours.
Sb+As+Pb+Cr+Co+ Cu+Mn+Ni+V+ their compounds	0.5 mg/Nm <sup>3</sup>	Standard refers to sampling time anywhere between 30 minutes and 8 hours.

4.7 Stack monitoring facilities like port-hole, platform/ladder etc., shall be provided with stack/vents chimney in order to facilitate sampling of gases being emitted in to the atmosphere as per standard MOEF/CPCB guideline.





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4.8 Ambient air quality within the premises of the facility shall conform to the National Ambient Air Quality standard published by CPCB as following:-

Parameter	Concentration in Ambient Air		Method of Measurement
	Annual	24 hrs. Average	
Particulate matter-10 (PM <sub>10</sub> )	60 µg/m <sup>3</sup>	100 µg/m <sup>3</sup>	Gravimetric, TOEM Beta attenuation
Particulate matter-2.5 (PM <sub>2.5</sub> )	40 µg/m <sup>3</sup>	60 µg/m <sup>3</sup>	Gravimetric, TOEM Beta attenuation
Sulphur Dioxide(SO <sub>2</sub> )	50 µg/m <sup>3</sup>	80 µg/m <sup>3</sup>	Improved West and Gaeke Ultraviolet fluorescence
Nitrogen Dioxide (NO <sub>2</sub> )	40 µg/m <sup>3</sup>	80 µg/m <sup>3</sup>	Modified Jacob &Hoechheiser (Na-Arsenite) Chemiluminescence
Benzene	5 µg/m <sup>3</sup>	-----	Gas chromatography based continuous analyzer Adsorption and Desorption followed by GC analysis
Benzo (a) pyrene (BaP)-Particulate Phase only	01 ng/m <sup>3</sup>	-----	Solvent extraction followed by HPLC/GC analysis
Arsenic(As)	06 ng/m <sup>3</sup>	-----	AAS/ICP method after sampling on EPM 2000 or equivalent filter paper
Nickel (Ni)	20 ng/m <sup>3</sup>	-----	AAS/ICP method after sampling on EPM 2000 or equivalent filter paper
Lead (Pb)	0.50µg/m <sup>3</sup>	1.0 µg/m <sup>3</sup>	AAS/ICP method after sampling on EPM 2000 or equivalent filter paper ED-XRF using Tetlon filter
Ammonia	100 µg/m <sup>3</sup>	400 µg/m <sup>3</sup>	Chemiluminescence Indophenol blue method
Ozone	100 µg/m <sup>3</sup> 8 hours	180 µg/m <sup>3</sup> 1 hour	UV photometric Chemiluminescence Chemical Method
Carbon Monoxide (CO)	02 mg/m <sup>3</sup> 8 hours	04 mg/m <sup>3</sup> 1 hour	Non dispersive Infra Red (NDIR) spectroscopy

4.9 All measures for the control of environmental pollution shall be provided before commencing of incineration.

## 5 CONDITIONS UNDER HAZARDOUS WASTE MANAGEMENT RULES:

5.1 Number of authorization: AWH - 126148 Date of issue: 08/05/2023.

5.2 M/s. **Bharuch Enviro Infrastructure Ltd** is hereby granted an authorization to operate facility for following hazardous waste 'TSDI' and incineration on the premises situated at Plot

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No. 9701-9716, 9801-9828, 9901-9906, 9923-9928, 9601-9604, 10001-10003, G-7&8, 7924-7927, 9401-9412, 9501-9506, 7905 E to H, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.

Sr. No.	Type of waste	Category	Quantity	Disposal mode
1.	Organic Incinerable Waste	--	43200 MTPA	Received from member units through dedicated vehicle/store/incinerate in incinerator within premises.
2.	Use oil	5.1	7.8 KI.PA	Collection, storage & Transportation, sale to authorize register recycler.
3.	Discarded Container/ barrels for Decontamination	33.1	1.08,000 Nos/Year	Collection, Reception, Storage & decontamination within premises.
4.	Empty Barrels/Containers/Liners contaminated with hazardous/chemicals/wastes	33.1	1404 MTPA	Collection, Generation, Storage & Transportation and sale to authorized register recycler or decontamination within premises.
5.	Ash from incinerator and flue gas cleaning residue	37.2	12632 MTPA	Collection, Storage and Disposal in own TSDF
6.	Chemical Sludge from waste water treatment	35.3	33200.4 MTPA	Collection, Storage and Disposal in own TSDF
7.	Insulation and NRP (Non recyclable Plastic)	--	109.5 MTPA	Collection, Storage and Disposal in own TSDF or sale to authorized recycler
8.	E- waste collection, storage, transportation, dismantling and recycling	--	700 MTPA	Collection, Reception, Storage & recycling within premises

**6 Condition of authorization for Occupier/operator handling for the disposal of hazardous waste ultimately through Co-Processing :**

6.1 The Applicant industry is permitted to send the following High Calorific Value (CV) Hazardous waste only to the valid authorized Cement Industry for being utilized in co-processing in the cement kiln.

Sr No.	Name of waste	Quantity in MT/Year	Mode of Disposal
1.	Waste Mix Liquid	16,000	Reception, Collection, Treatment, Storage & its use for preparation of waste mixed liquid/solid/semi solid and disposal at cement





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2.	Solid Waste Mix	10,000	industries (List attached as Annexure A) for co-processing by use of GPS enable vehicle and Xgn generated online manifest.
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## 6.2 Disposal of the pre-processed hazardous waste to be sent to Cement Industry for co-processing.

1. You shall have valid authorization all the time for disposal of hazardous waste by sending it for co processing.
2. Prior starting to send hazardous waste to every new cement industry (other than those mentioned above at Annexure A), you shall have to submit MoU done with the cement industry to send hazardous waste. MoU shall invariably be inclusive of details related to tenure of the MoU, category of waste and its quantity for which MoU is carried out.
3. The cement industry to which hazardous waste is to be sent shall have valid CCA to receive this hazardous waste.
4. You shall ensure that only for those categories for which permission is granted to cement industries is to be sent for co-processing.

6.3 The Applicant shall not store hazardous waste for more than 90 days as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and amendments thereof.

6.4 The industry shall take necessary steps for corrective and prevention of any spillages/leaching etc. in respect of Hazardous waste from the premises.

6.5 All the transportation of hazardous waste shall be carried out through GPS mounted truck 'AIS-140 compliant' with online manifest system in line with Hazardous and Other Wastes Rules - 2016.

6.6 The Applicant shall maintain good housekeeping & maintain proper records for Hazardous Wastes mentioned in Authorization.

6.7 The Applicant shall maintain proper records for Hazardous Wastes mentioned in Authorization in Form-3 [Rule-20(1)] i.e., quantity of Incinerable waste, Land disposal waste, Recyclable waste etc., and file annual returns in Form-4 as per Rule 20(2) of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 and amendments thereof.

6.8 The Applicant should take all precautionary measures to prevent odour nuisance and spillages during the storage handling and transportation of hazardous wastes.

### A. General condition:

1. The Authorized person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The Authorization or its renewal shall be produced for inspection at the request of an officer Authorized by the State Pollution Control Board.
3. The person Authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.

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4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
5. The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
6. The person authorized shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"
7. It is the duty of the authorized person to take prior permission of the State Pollution Control Board to close down the facility.
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
10. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorisation.
11. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
12. An application for the renewal of an authorisation shall be made as laid down under these Rules.
13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
14. Annual return shall be filed by 30<sup>th</sup> June for the period ensuring 31<sup>st</sup> March of the year.

**B. Specific Conditions:**

1. In case of renewal of authorisation, a self-certified compliance report in respect of effluent, emission standards and the conditions specified in the authorization for hazardous and other wastes shall be submitted to SPCB.
2. The occupier of the facility shall comply Standard operating procedure/ guidelines published by MoEF & CC/CPCB /GPCB from time to time.
3. Unit shall comply provisions of E-Waste Management Rules-2016.
4. The disposal of Hazardous Waste shall be carried out as per the waste Management hierarchy.
5. The applicant shall submit third party certification for construction of new cells of TSDF phase with reference to plan and design approved to GPCB, Gandhinagar well in advance.
6. The applicant shall submit third party certification for post closure TSDF phase wise with reference to plan and design approved to GPCB, Gandhinagar well in advance.

**7 SPECIFIC CONDITION (WHICHEVER IS APPLICABLE)**

- 7.3 It shall be the responsibility/duty of the applicant to take adequate steps while handling hazardous wastes to contain contaminants and prevent accidents and their consequences on





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human and environment, and prevent person working on the site with information, training and equipment necessary to ensure their safety.

- 7.4 The applicant shall be liable for all damage caused to the environment or third party due to improper handling of the hazardous wastes or disposal of the hazardous wastes.
- 7.5 The applicant shall be liable to pay financial penalties as levied for any violation of the provisions under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 by the State Pollution Control Board with the prior approval of the Central Pollution Control Board.
- 7.6 The applicant shall ensure that the hazardous waste are packaged and labeled, based on the composition in a manner suitable for safe handling, storage and transport. The labelling and packing shall be easily visible and be able to withstand physical conditions and climatic factors as per the guidelines issued by the Central Pollution Control Board from time to time. The transport of hazardous wastes shall be in accordance with the provisions of the rules made by the Central Government under the Motor Vehicles Act, 1988 and other guidelines issued from time to time and the transporter shall comply with the provisions of Hazardous and Other Wastes (Management and Trans Boundary Movement) Rules, 2016.
- 7.7 In case of transportation of hazardous wastes through a State other than the State of origin or destination the occupier shall intimate the concerned State Pollution Control Boards before, he hands over the hazardous wastes to the transporter (if applicable).

## 8 GENERAL CONDITION:

- 8.3 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.
- 8.4 The applicant shall submit the returns in prescribed form regarding water consumption and shall make payment of water cess to the Board under the Water Cess Act- 1977.
- 8.5 Applicant shall comply with all guidelines/ directives issued / being issued by MOEF / CPCB /DOEF/GPCB.
- 8.6 The project proponent shall transport Hazardous waste through authorized dedicated Vehicles with GPS (Global Positioning System) enabled system and in line with Hazardous and Other Waste (M &TM) Rules-2016.
- 8.7 Applicant shall comply with Risk Assessment and Disaster management Plan.
- 8.8 Applicant shall carry out mock drill both on site and off site for all the possible eventualities at a regular interval of time. For any of the disastrous situation escape route shall have to be predefined properly marked and shall be brought to the knowledge of all the concerned.
- 8.9 The Environmental audit shall be carried out twice in a year and the environmental statements pertaining to the previous year shall be submitted to this Board latest by 30<sup>th</sup> September of every year.
- 8.10 Industry shall submit audit report within through Schedule-I auditor twice in a year.
- 8.11 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.

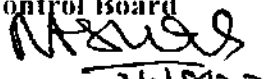
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- 8.12 The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gaseous emission or sewage waste from the proposed facility. The applicant is required to make 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.
- 8.13 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.: 75 dB (A)  
Between 10 P.M. and 6 A.M.: 70 dB (A)
- 8.14 Applicant is required to comply with the manufacturing, Storage and Import of Hazardous Chemicals Rules-1989 framed under the Environment (Protection) Act-1986.
- 8.15 Full support shall be extended to the officers of MoEF&CC, CPCB, GPCB and all other relevant authorities by the project proponents during their inspection for monitoring purposes by furnishing full details and action plans including the action taken reports in respect of initiative measures and other environmental protection activities.
- 8.16 GPCB reserves the right to stipulate additional condition if found necessary. The company shall implement these conditions in a time bound manner in a true letter and spirit.
- 8.17 The Board reserves the right to revoke consent and/or make modification in the conditions which it deems fit.

For And On Behalf Of  
Gujarat Pollution Control Board

  
14/8/23  
(N. A. Shah)

Unit Head, Hazardous waste cell

**Issued to:**

No. GPCB/CCA-BRCH-167(22)/DD-14983/

Date:

**M/s. BEIL Infrastructure Ltd,**

Plot No. 9701-9716, 9801-9828, 9901-9906, 9923-9928, 9601-9604,

10001-10003, G-7&8, 7924-7927, 9401-9412, 9501-9506,

7905 E to H, GIDC Estate,

Ankleshwar-393002, Dist. Bharuch.

Outward No: 750850, 14/08/2023



**Annexure-A**

<b>Sr. No.</b>	<b>Name of Cement Unit</b>	<b>Validity of CC&amp;A of cement industries</b>	<b>Validity of MOU</b>	<b>Type of Waste</b>
1	M/s Ambuja Cements Ltd Kodinar, Junagadh	18/09/2023	01/07/2023	Liquid/ Solid
2	M/s Birla Corporation Ltd Chandaria, Tal: Chittorgarh, Rajasthan	31/12/2022	31/05/2023	Liquid
3	M/s Shree Cement Ltd, Ras, Dist: Pali, Rajasthan	31/01/2027	17/05/2027	Liquid/ Solid
4	M/s JK Cement Works, Mangrol, Nimbahera, Dist: Chittorgarh, Rajasthan	31/05/2025	01/10/2025	Liquid/ Solid
5	M/s JK Cement Works. Kailashnagar, Nimbahera, Dist: Chhittorgarh, Rajasthan	31/10/2026	01/10/2025	Liquid/ Solid
6	M/s Ambuja Cement, Bhatapara, Chhattisgarh	31/07/2024	01/05/2024	Liquid/ Solid
7	ACC Limited, Jamul, Chhattisgarh	31/07/2023	31/05/2024	Liquid
8	Nuvoco Vistas Corp. Ltd Sonadih, Chhattisgarh	29/02/2024	01/06/2023	Liquid/ Solid
9	M/s Wonder Cement Ltd..Chittorgarh (Rajasthan)	30/09/2025	Continuous till amendment	Liquid/ Solid
10	M/s J.K Cement Works, Muddapur (Karnataka)	30/06/2026	10/11/2023	Liquid
11	M/s Dalmia Cement Bharat Limited, Sundargarh (odisha)	31/03/2023	10/12/2036	Liquid/ Solid
12	M/s Dalmia Cement Bharat Limited, Chikkodi (karnataka)	30/06/2026	10/12/2036	Liquid/ Solid
13	M/s Dalmia Cement Bharat Limited, Chandrapur (Maharashtra)	31/10/2022 Applied for renewal	10/12/2036	Liquid/ Solid
14	M/s Prism Limited, Johson Rampur Baghelan, Unit 1 and Unit-2. (M.P)	Unit-1: 30/06/2023, Unit-2: 30/06/2023	19/07/2023	Liquid/ Solid
15	Shree Limited, Cement Beawar (Rajasthan)	31/12/2025	17/05/2027	Liquid/ Solid
16	M/s Sangh Industries Ltd	18/03/2024	13/10/2024	Liquid/ Solid

Outward No: 750850, 14/08/2023





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, Opp Chanakyapuri Sector-3 Near Swastik Bunglows,, Part-1, R.c. Technical Road,, Ghatlodiya, Ahmedabad, Ahmedabad, Gujarat - 380061					

1. <b>NOC No.:</b>	CGWA/NOC/IND/REN/1/2025/10963	2. <b>Date of Issuance</b>	27/02/2025
3. Application No.:	21-4/5672/GJ/IND/2020	4. Category: (GWRE 2024)	Safe
5. Project Status:	Existing Ground Water	6. NOC Type:	Renewal
7. <b>Valid from:</b>	10/02/2024	8. <b>Valid up to:</b>	09/02/2027

9. 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
421.00	153665.00					421.00	153665.00

10. Details of ground water abstraction /Dewatering structures													
Total Existing No							Total Proposed No						
	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

11. Ground Water Abstraction/Restoration Charges paid (Rs.):	453836.00			
12. Environment Compensation (if applicable) paid (Rs.):	0.00			
13. Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.	No. of Piezometers	Monitoring Mechanism		
		Manual	DWLR**	DWLR With Telemetry
**DWLR - Digital Water Level Recorder	1	0	1	0

(Compliance Conditions given overleaf)

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

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

Phone: (011) 23383561 Fax: 23382051, 23386743

Website: cgwa-noc.gov.in

पानी बचाये - जीवन बचाये  
SAVE WATER - SAVE LIFE



CENTRAL GROUND WATER AUTHORITY

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

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**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.
- 30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).
- 31) In the self-compliance report, the PP shall submit details of Drilling Agency/ Agencies, which has/ have constructed BW(s)/ TW(s) along with undertaking to the effect that all necessary measures have been taken as per directions of Hon'ble Supreme Court provided in Annexure-VII of guidelines dated 24.09.2020 in respect of abandoned/ failed BW(s)/ TW(s)/Piezometer(s), if any. The PP is advised to engage registered drilling agency/ agencies. In the event of any mishap/ unfortunate incident due to negligence in taking measures for prevention of accident due to falling in Bore Well, both PP and concerned drilling agency shall jointly be held responsible and penal action as per extant Government rules shall be taken.

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

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**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](http://cgwa-noc.gov.in)**

**पानी बचाये – जीवन बचाये  
SAVE WATER - SAVE LIFE**



# CENTRAL GROUND WATER AUTHORITY

Department of Water Resources, River Development and Ganga Rejuvenation  
Ministry of Jal Shakti, Govt. of India

## Receipt

(As per the guideline Gazette Notification S.O. 3281(E) regarding the New Guidelines dated 24.09.2020 of CGWA, MoJS, Govt. of India)  
<https://cgwa-noc.gov.in>

Application No.:	21-4/5672/GJ/IND/2020	Date of Issuance:	27/02/2025
Name of Firm:	BEIL INFRASTRUCTURE LIMITED		
AppType Category:	Waste Management		
Application Type:	Industrial		
PAN/GSTIN No. of Firm/Individual:	/		

S N	Description	Amount (Rs.)
1.	Application Processing Fee	5000.00
2.	Ground Water Abstraction charges	453836.00
3.	Ground Water Restoration charges	0
4.	Environmental Compensation Charges (ECRGW) (Date From to ) Days-	
5.	Penalty for non-Compliance of NOC conditions Condition to be mentioned	200000.00
6.	Adjustment Charges	
7.	Rebate	
8.	Charges for correction/modification in the existing issued No Objection Certificate	
S.No.	Description	Rate
(i)	Change in User ID	Rs. 1000
(ii)	Change in firm Name	Rs. 5000
(iii)	Extension of No Objection Certificate	Rs. 5000
(iv)	Issuance of duplicate No Objection Certificate	Rs. 5000
(v)	Issuance of corrigendum to No Objection Certificate	Rs. 5000
(vi)	Any other items/correction etc.	Rs. 500
Rs. Rupees Six Lakh Fifty Eight Thousand Eight Hundred Thirty Six Only		658836.00

This is an system generated invoice, hence, does not require ink signed.

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

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Term and conditions:

- i. All disputes are subject to Delhi Jurisdiction.
- ii. Any complaint in regard to the rates will not be entertained.

Member-Secretary  
CGWA, New Delhi

CENTRAL GROUND WATER AUTHORITY



# ENVIRONMENTAL MONITORING REPORT

[Period: Oct 2024]

For



**M/S. BEIL Infrastructure Ltd.**

**At**

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA ENTERPRISE**

**Shop No: 306,308, Multilevel Shed: 2,  
Opp.Kanoria Chemical, GIDC,  
Ankleshwar-393002.**





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**Environmental Monitoring Plan**  
**For M/s. BEIL Infrastructure Ltd. (Ankleshwar)**  
Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.  
**By – Vasundhara Enterprise**



Sr. No.	Environmental Component	Parameters	Location	Frequency	Monitoring Carried out in Oct - 2024
1.	Ambient Air Quality Monitoring	PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>x</sub> , NO <sub>x</sub> , Cl <sub>2</sub> , NH <sub>3</sub> , H <sub>2</sub> S, Ozone, Pb, Ni, As, HCL, HC, CO, C <sub>6</sub> H <sub>6</sub> , BaP.	03	Monthly	03
2.	Noise Location	Leq dB(A)	07	Monthly	07
3.	Ground Water Monitoring	Parameters: pH, Color, Conductivity, Turbidity, TSS, TDS, TOC, COD Total Hardness, Total Alkalinity, TKN, Chloride, Sulphate, Nitrate, Lead, Cadmium, Copper, Chromium, Mercury, Nickel, Cyanide, Arsenic, Manganese, Iron, Zinc, Fluoride, Pesticides (Organo Chlorine, Organo Nitrogen, Syntheti Pyrethroid, Carbamates), Calcium, Magnesium, Sodium, Potassium, Phosphate, Ammonical Nitrogen, BOD, Oil And Grease	12	Monthly	12
4.	Stack Monitoring	PM, SO <sub>2</sub> , NO <sub>x</sub> , HCL, Cl <sub>2</sub> , Ammonia (NH <sub>3</sub> ), Hydrocarbon (HC), Hydrogen Sulphide (H <sub>2</sub> S), Carbon Monoxide (CO), Hydrogen Fluoride, (HF), Cd + Th (and its Compounds), Hg (and its Compounds), Lead (Pb), Chromium (Cr), Copper (Cu), Nickel (Ni), Zinc (Zn), Vanadium & Its Compound, Antimony, Arsenic, Manganese, Combustion Efficiency, Carbon Dioxide, Oxygen.	12	Quarterly	00



# 1.0 AMBIENT AIR QUALITY MONITORING REPORT



**[Period: Oct 2024]**

**For**



**M/S. BEIL Infrastructure Ltd.**

**At**

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA ENTERPRISE**





## LABORATORY TESTING REPORT

Report No.: VE/AA/202410/0001		Date: 11/10/2024	
URL No.: TC0958124000000585F			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	04/10/2024	Sampling Type : -
Sample Receipt Date	:	04/10/2024	Sample ID : AA/202410/0001
Sampling Location	:	Nr. On the roof of laboratory	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 04/10/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 05/10/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM <sub>10</sub>	µg/m <sup>3</sup>	58.1	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	29.4	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	23.2	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	16.7	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl <sub>2</sub> )	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H <sub>2</sub> S)	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	µg/m <sup>3</sup>	13.86	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/AA/202410/0001		Date: 11/10/2024	
URL No.: --			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	04/10/2024	Sampling Type : -
Sample Receipt Date	:	04/10/2024	Sample ID : AA/202410/0001
Sampling Location	:	Nr. On the roof of laboratory	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 04/10/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 05/10/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
11.	Arsenic as As	µg/m <sup>3</sup>	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m <sup>3</sup>	0.92	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

-----End Report-----

This Report is issued under the following terms & Condition:

1. Samples are not drawn by Vasundhara Biosustain Pvt. Ltd., unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implemented.
2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

  
Verified By

Ayushi K Chaturvedi (Quality Manager)

  
Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/AA/202410/0002		Date: 11/10/2024	
URL No.: TC0958124000000586F			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	04/10/2024	Sampling Type : -
Sample Receipt Date	:	04/10/2024	Sample ID : AA/202410/0002
Sampling Location	:	Nr. Oppo. of C6CW4 Detox Side	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 04/10/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 05/10/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM <sub>10</sub>	µg/m <sup>3</sup>	62.5	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	26.8	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	20.6	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	19.1	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl <sub>2</sub> )	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H <sub>2</sub> S)	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	µg/m <sup>3</sup>	14.02	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

Page No. 1 of 2

Formerly known as "VASUNDHARA ENTERPRISE"

**Reg. Office :**

S-404, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002

**Contact:**

Mo.: +91-93136 16978 / 93136 16730  
E-mail : info@vasundharaenterprise.in  
Website : www.vasundharaenterprise.in

**Laboratory :**

S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/AA/202410/0002		Date: 11/10/2024	
URL No.: –			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	04/10/2024	Sampling Type : –
Sample Receipt Date	:	04/10/2024	Sample ID : AA/202410/0002
Sampling Location	:	Nr. Oppo. of C6CW4 Detox Side	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 04/10/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 05/10/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
11.	Arsenic as As	µg/m <sup>3</sup>	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m <sup>3</sup>	0.95	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

-----End Report-----

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

  
Verified By

Ayushi K Chaturvedi (Quality Manager)

  
Authorized Signatory

**Reg. Office :**

S-404, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002

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Website : www.vasundharaenterprise.in

**Laboratory :**

S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/AA/202410/0004		Date: 11/10/2024	
URL No.: TC0958124000000588F			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	04/10/2024	Sampling Type : -
Sample Receipt Date	:	04/10/2024	Sample ID : AA/202410/0004
Sampling Location	:	Nr. Landfill Phase-4 near Security Tower	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 04/10/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 05/10/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM <sub>10</sub>	µg/m <sup>3</sup>	54.7	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	27.2	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	22.4	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	17.5	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl <sub>2</sub> )	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H <sub>2</sub> S)	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	µg/m <sup>3</sup>	16.14	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

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**Laboratory :**

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## LABORATORY TESTING REPORT

Report No.: VE/AA/202410/0004		Date: 11/10/2024	
URL No.: –			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	04/10/2024	Sampling Type : –
Sample Receipt Date	:	04/10/2024	Sample ID : AA/202410/0004
Sampling Location	:	Nr. Landfill Phase-4 near Security Tower	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 04/10/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 05/10/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
11.	Arsenic as As	µg/m <sup>3</sup>	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m <sup>3</sup>	0.94	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

  
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# 3.0 WATER QUALITY MONITORING REPORT



**[Period: Oct 2024]**

**For**



**M/S. BEIL Infrastructure Ltd.**

**At**

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA ENTERPRISE**





## LABORATORY TESTING REPORT

Report No.: VE/W/202410/0001		Date: 11/10/2024	
URL No.: TC0958124000000571F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	03/10/2024	Sampling Type : Grab
Date of Sample Received	:	03/10/2024	Sample ID : W/202410/0001
Sampling Location	:	HB-1 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 03/10/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 09/10/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.03	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	6.7	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	6545	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.57	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	5.0	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3838	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	27.44	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	1020	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	395	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.78	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1534.52	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	188.20	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	3.88	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.59	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	240	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	189.62	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	324	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.4	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	8.7	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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## LABORATORY TESTING REPORT

Report No.: VE/W/202410/0001		Date:		11/10/2024		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	03/10/2024	Sampling Type	:	Grab
Date of Sample Received		:	03/10/2024	Sample ID	:	W/202410/0001
Sampling Location		:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	03/10/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	09/10/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	2.84	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.093	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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## LABORATORY TESTING REPORT

Report No.: VE/W/202410/0002		Date: 11/10/2024	
URL No.: TC09581240000000572F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	03/10/2024	Sampling Type : Grab
Date of Sample Received	:	03/10/2024	Sample ID : W/202410/0002
Sampling Location	:	HB-2 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 03/10/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 09/10/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol Used for Analysis
1.	pH	7.44	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	7.8	Hazen	APHA 24th Edition 2120 C: 2022
3.	Conductivity	2138	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.75	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	4.5	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1451	mg/L	APHA 24th Edition 2540- C: 2022
7.	Chemical Oxygen Demand	15.68	mg/L	IS 3025 (Part 58): 2006
8.	Total Hardness as CaCO <sub>3</sub>	580	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	450	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.73	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	489.85	mg/L	APHA 24th Edition 4500- Cl- B: 2022
12.	Sulphate (as SO <sub>4</sub> )	186.12	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	2.46	mg/L	IS 3025 (Part 34): 2022
14.	Fluoride	0.72	mg/L	APHA 24th Edition 4500- F- B & D: 2022
15.	Calcium (as Ca)	80	mg/L	APHA 24th Edition 3500- Ca-B: 2022
16.	Magnesium (as Mg)	121.55	mg/L	APHA 24th Edition 3500 Mg B: 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	502	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	5.8	mg/L	APHA 24th Edition 3500-K B: 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B: 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	2.1	mg/L	IS 3025 (Part 44): 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B: 2022

*A Patel*  
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Ayushi K Chaturvedi (Quality Manager)

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## LABORATORY TESTING REPORT

Report No.: VE/W/202410/0002			Date:		11/10/2024	
URL No.: -						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	03/10/2024	Sampling Type	:	Grab
Date of Sample Received		:	03/10/2024	Sample ID	:	W/202410/0002
Sampling Location		:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	03/10/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	09/10/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test				25°C ±3 °C		

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	1.31	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.207	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

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## LABORATORY TESTING REPORT

Report No.: VE/W/202410/0003	Date:	11/10/2024
URL No.: TC0958124000000573F		
Customer Name & Address	: <b>M/s. BEIL Infrastructure Ltd.</b> Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	: Mr. Rakesh Patel	
Date of Sample Collection	: 03/10/2024	Sampling Type : Grab
Date of Sample Received	: 03/10/2024	Sample ID : W/202410/0003
Sampling Location	: EB-3 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	: VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	: 2 Liter/1Nos.	Analysis Started On : 03/10/2024
Packing / Seal	: Cap Seal	Analysis Completed On : 09/10/2024
Type of Container	: Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test	25°C ± 3 °C	

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.19	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	23.06	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	2743	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.82	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	4.0	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1607	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	19.60	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	840	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	395	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.67	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1019.68	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	200.00	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	1.54	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.70	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	168	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	163.36	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	264	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.9	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	5.4	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202410/0003		Date: 11/10/2024	
URL No.: --			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	03/10/2024	Sampling Type : Grab
Date of Sample Received	:	03/10/2024	Sample ID : W/202410/0003
Sampling Location	:	EB-3 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 03/10/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 09/10/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	1.64	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.098	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

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3. Samples shall be stored for the period of 15 days after the date of issue of Report.

  
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**Reg. Office :**

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**Laboratory :**

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GIDC, Ankleshwar – 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202410/0004		Date: 11/10/2024	
URL No.: TC0958124000000574F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	03/10/2024	Sampling Type : Grab
Date of Sample Received	:	03/10/2024	Sample ID : W/202410/0004
Sampling Location	:	HB-4 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 03/10/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 09/10/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.2	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	8.23	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3391	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.66	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	5.2	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1932	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	23.52	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	800	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	390	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.62	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	754.77	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	153.75	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	2.68	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	1.20	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	240	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	136.14	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	358	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	5.2	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	7.6	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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## LABORATORY TESTING REPORT

Report No.: VE/W/202410/0004		Date:		11/10/2024		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	03/10/2024	Sampling Type	:	Grab
Date of Sample Received		:	03/10/2024	Sample ID	:	W/202410/0004
Sampling Location		:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	03/10/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	09/10/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test				25°C ±3 °C		

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	3.34	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.036	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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## LABORATORY TESTING REPORT

Report No.: VE/W/202410/0005	Date:	11/10/2024
URL No.: TC0958124000000575F		
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Mr. Rakesh Patel	
Date of Sample Collection	03/10/2024	Sampling Type : Grab
Date of Sample Received	03/10/2024	Sample ID : W/202410/0005
Sampling Location	EB-4 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On : 03/10/2024
Packing / Seal	Cap Seal	Analysis Completed On : 09/10/2024
Type of Container	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test	25°C ±3 °C	

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.25	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	19.1	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	5439	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	1.26	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	6.7	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3187	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	27.44	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	2100	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	430	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.84	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1419.56	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	186.12	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	5.66	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.81	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	124	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	480.37	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	352	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.1	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	10.8	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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## LABORATORY TESTING REPORT

Report No.: VE/W/202410/0005		Date:		11/10/2024		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	03/10/2024	Sampling Type	:	Grab
Date of Sample Received		:	03/10/2024	Sample ID	:	W/202410/0005
Sampling Location		:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	03/10/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	09/10/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	2.4	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.062	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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## LABORATORY TESTING REPORT

Report No.: VE/W/202410/0007	Date:	11/10/2024
URL No.: TC0958124000000577F		
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Mr. Rakesh Patel	
Date of Sample Collection	03/10/2024	Sampling Type : Grab
Date of Sample Received	03/10/2024	Sample ID : W/202410/0007
Sampling Location	HB-5 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On : 03/10/2024
Packing / Seal	Cap Seal	Analysis Completed On : 09/10/2024
Type of Container	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test	25°C ±3 °C	

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol Used for Analysis
1.	pH	7.18	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	12.8	Hazen	APHA 24th Edition 2120 C: 2022
3.	Conductivity	2894	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	1.41	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	3.6	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1696	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	19.60	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	800	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	445	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.85	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	597.31	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	309.82	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	3.14	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.53	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	112	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	167.25	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	366	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	6.6	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	4.3	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202410/0007		Date:		11/10/2024		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	03/10/2024	Sampling Type	:	Grab
Date of Sample Received		:	03/10/2024	Sample ID	:	W/202410/0007
Sampling Location		:	HB-5 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	03/10/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	09/10/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	2.46	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.036	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Reports-----

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## LABORATORY TESTING REPORT

Report No.: VE/W/202410/0008	Date:	11/10/2024
URL No.: TC0958124000000578F		
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Mr. Rakesh Patel	
Date of Sample Collection	03/10/2024	Sampling Type : Grab
Date of Sample Received	03/10/2024	Sample ID : W/202410/0008
Sampling Location	EB-5 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On : 03/10/2024
Packing / Seal	Cap Seal	Analysis Completed On : 09/10/2024
Type of Container	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test	25°C ±3 °C	

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.49	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	14.7	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	4480	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.66	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	5.4	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2850	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	23.52	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	1200	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	450	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	2.24	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1169.64	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	198.02	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	1.91	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.50	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	120	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	262.55	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	381	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.7	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	6.5	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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## LABORATORY TESTING REPORT

Report No.: VE/W/202410/0008		Date:		11/10/2024		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	03/10/2024	Sampling Type	:	Grab
Date of Sample Received		:	03/10/2024	Sample ID	:	W/202410/0008
Sampling Location		:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	03/10/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	09/10/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	2.04	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.077	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

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## LABORATORY TESTING REPORT

Report No.: VE/W/202410/0009		Date: 11/10/2024	
URL No.: TC0958124000000579F			
Customer Name & Address	:	<b>M/s. BEIL Infrastructure Ltd.</b> Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	03/10/2024	Sampling Type : Grab
Date of Sample Received	:	03/10/2024	Sample ID : W/202410/0009
Sampling Location	:	HB-6 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 03/10/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 09/10/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.09	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	21.1	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3916	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.43	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	3.9	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2297	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	27.44	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	1000	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	350	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.39	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	954.70	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	205.75	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	5.91	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.67	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	248	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	182.81	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	464	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.5	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	9.8	mg/L	IS 3025 (Part 44): 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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## LABORATORY TESTING REPORT

Report No.: VE/W/202410/0009		Date:		11/10/2024		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	03/10/2024	Sampling Type	:	Grab
Date of Sample Received		:	03/10/2024	Sample ID	:	W/202410/0009
Sampling Location		:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	03/10/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	09/10/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test				25°C ±3 °C		

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	3.24	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.098	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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## LABORATORY TESTING REPORT

Report No.: VE/W/202410/0010		Date:		11/10/2024		
URL No.: TC0958124000000580F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	03/10/2024	Sampling Type	:	Grab
Date of Sample Received		:	03/10/2024	Sample ID	:	W/202410/0010
Sampling Location		:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	03/10/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	09/10/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.25	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	20.63	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	4838	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.5	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	5.0	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2824	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	39.20	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	1180	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	375	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.12	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1529.53	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	209.91	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	6.89	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.45	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	320	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	209.07	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	520	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.3	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	10.8	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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## LABORATORY TESTING REPORT

Report No.: VE/W/202410/0010		Date:		11/10/2024		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	03/10/2024	Sampling Type	:	Grab
Date of Sample Received		:	03/10/2024	Sample ID	:	W/202410/0010
Sampling Location		:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	03/10/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	09/10/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	4.16	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.015	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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## LABORATORY TESTING REPORT

Report No.: VE/W/202410/0011		Date: 11/10/2024	
URL No.: TC0958124000000581F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	03/10/2024	Sampling Type : Grab
Date of Sample Received	:	03/10/2024	Sample ID : W/202410/0011
Sampling Location	:	EB-9 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 03/10/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 09/10/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.38	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	6.34	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3280	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.47	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	3.2	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1946	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	35.28	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	1000	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	280	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	2.46	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	804.75	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	202.18	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	7.42	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.30	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	248	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	182.81	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	367	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.3	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	BioChemical Oxygen Demand @ 27 °C for 3 Days	10.8	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Ayushi K Chaturvedi (Quality Manager)

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## LABORATORY TESTING REPORT

Report No.: VE/W/202410/0011		Date:		11/10/2024		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	03/10/2024	Sampling Type	:	Grab
Date of Sample Received		:	03/10/2024	Sample ID	:	W/202410/0011
Sampling Location		:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	03/10/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	09/10/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	4.55	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.088	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

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Formerly known as "VASUNDHARA ENTERPRISE"

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Laboratory : 31

S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202410/0012	Date:	11/10/2024
URL No.: TC0958124000000582F		
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Mr. Rakesh Patel	
Date of Sample Collection	03/10/2024	Sampling Type : Grab
Date of Sample Received	03/10/2024	Sample ID : W/202410/0012
Sampling Location	EB-10 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On : 03/10/2024
Packing / Seal	Cap Seal	Analysis Completed On : 09/10/2024
Type of Container	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test	25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.43	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	3.3	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	2669	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.31	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	2.5	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1765	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	19.60	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	760	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	415	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.18	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	804.75	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	208.13	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	0.86	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.83	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	152	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	147.80	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	412	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	8.2	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	5.4	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/W/202410/0012		Date:		11/10/2024		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	03/10/2024	Sampling Type	:	Grab
Date of Sample Received		:	03/10/2024	Sample ID	:	W/202410/0012
Sampling Location		:	EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	03/10/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	09/10/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	2.11	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.015	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

This Report is issued under the following terms & Condition:

1. Samples are not drawn by Vasundhara Biosustain Pvt. Ltd, unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implemented.
2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

Ayushi K Chaturvedi (Quality Manager)

  
Verified By

  
Authorized Signatory

Page No 2 of 2  
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Laboratory: **33**

S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar – 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202410/0013		Date: 11/10/2024	
URL No.: TC0958124000000583F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	03/10/2024	Sampling Type : Grab
Date of Sample Received	:	03/10/2024	Sample ID : W/202410/0013
Sampling Location	:	EB-11 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 03/10/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 09/10/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.3	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	19.8	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	6388	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.62	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	3.2	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3380	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	66.64	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	2200	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	410	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.96	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1174.64	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	337.95	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	19.02	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.94	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	512	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	410.35	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	473	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	2.9	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	18.5	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/W/202410/0013		Date:		11/10/2024
URL No.: --				
Customer Name & Address	:	<b>M/s. BEIL Infrastructure Ltd.</b> Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.		
Contact Person	:	Mr. Rakesh Patel		
Date of Sample Collection	:	03/10/2024	Sampling Type	: Grab
Date of Sample Received	:	03/10/2024	Sample ID	: W/202410/0013
Sampling Location	:	EB-11 Up Stream	Sample Description	: Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	: APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	: 03/10/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	: 09/10/2024
Type of Container	:	Plastic Container	Format No.	: 7.8 F-01
Environmental Condition during the test		25°C ±3 °C		

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	17.68	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.036	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

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1. Samples are not drawn by Vasundhara Biosustain Pvt. Ltd, unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implemented.
2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

  
Verified By

Ayushi K Chaturvedi (Quality Manager)

  
Authorized Signatory

**Reg. Office :**

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**Laboratory :**

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Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002



# 2.0 NOISE LEVEL MONITORING REPORT



**[Period: Oct 2024]**

**For**



**M/S. BEIL Infrastructure Ltd.**

**At**

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA ENTERPRISE**





## LABORATORY TESTING REPORT

Report No.: VE/AN/202410/0001	Date:	11/10/2024
URL No.: TC0958124000000584F		
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Ms. Rakesh Patel	
Sample Collection Date	03/10/2024	Sampling Type : Instrument Method
Sample Receipt Date	03/10/2024	Sample ID : AN/202410/0001
Sampling Location	Noise	Sample Description : Noise Monitoring
Sample Collected / Submitted by	VE Team	Protocol used for monitoring : IS 9989-1991
Analysis Started On	-	Analysis Completed On : -
Instrument calibration status	Calibrated	Format No. : 7.8 F-07
Meteorological condition during monitoring	Clear Sky	Actual duration of Monitoring, (Minutes) : 30

### Ambient Noise Analysis Results

Sr. No.	Parameter	Day Time	Night Time	Unit	Protocol Used for Analysis
	Permissible Limit	75	70	dB(A)	-
1.	Nr. Main Gate	51.9	46.2	dB(A)	IS 9989-1991
2.	Nr. Incinerator Area	69.6	58.4	dB(A)	IS 9989-1991
3.	Nr. Lab Area	60.2	49.8	dB(A)	IS 9989-1991
4.	Nr. Admin Building	53.8	44.1	dB(A)	IS 9989-1991
5.	Nr. Truck Washing Area	64.1	56.7	dB(A)	IS 9989-1991
6.	Nr. Drum Storage Area	56.7	46.9	dB(A)	IS 9989-1991
7.	Nr. East of Incinerator Area	70.5	63.5	dB(A)	IS 9989-1991

-----End Report-----

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

Reg. Office :

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Laboratory :

S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002



# ENVIRONMENTAL MONITORING REPORT

[Period: Nov 2024]

For



**M/S. BEIL Infrastructure Ltd.**

At

Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.

## Monitoring Organization:

**VASUNDHARA BIOSUSTAIN PVT LTD**

Shop No: 306,308, Multilevel Shed: 2,  
Opp.Kanoria Chemical, GIDC,  
Ankleshwar-393002.





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**Environmental Monitoring Plan**  
**For M/s. BEIL Infrastructure Ltd. (Ankleshwar)**

Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.

**By – Vasundhara Biosustain Pvt Ltd**



Sr. No.	Environmental Component	Parameters	Location	Frequency	Monitoring Carried out in Nov - 2024
1.	Ambient Air Quality Monitoring	PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>x</sub> , NO <sub>x</sub> , Cl <sub>2</sub> , NH <sub>3</sub> , H <sub>2</sub> S, Ozone, Pb, Ni, As, HCL, HC, CO, C <sub>6</sub> H <sub>6</sub> , BaP.	03	Monthly	03
2.	Noise Location	Leq dB(A)	07	Monthly	07
3.	Ground Water Monitoring	Parameters: pH, Color, Conductivity, Turbidity, TSS, TDS, TOC, COD Total Hardness, Total Alkalinity, TKN, Chloride, Sulphate, Nitrate, Lead, Cadmium, Copper, Chromium, Mercury, Nickel, Cyanide, Arsenic, Manganese, Iron, Zinc, Fluoride, Pesticides (Organo Chlorine, Organo Nitrogen, Syntheti Pyrethroid, Carbamates), Calcium, Magnesium, Sodium, Potassium, Phosphate, Ammonical Nitrogen, BOD, Oil And Grease	12	Monthly	12
4.	Surface Water Monitoring	Parameters: pH, Color, Conductivity, Turbidity, TSS, TDS, TOC, COD Total Hardness, Total Alkalinity, TKN, Chloride, Sulphate, Nitrate, Lead, Cadmium, Copper, Chromium, Mercury, Nickel, Cyanide, Arsenic, Manganese, Iron, Zinc, Fluoride, Pesticides (Organo Chlorine, Organo Nitrogen, Syntheti Pyrethroid, Carbamates), Calcium, Magnesium, Sodium, Potassium, Phosphate, Ammonical Nitrogen, BOD, Oil And Grease	05	Quarterly	05
5.	Soil	pH, Conductivity (mmhos/cm), TDS (gm/kg), TOC (%), Analysis By TCLP	07	Quarterly	07



		Fluoride %(W/W), Analysis By TCLP Lead (mg/l), Analysis By TCLP Cadmium (mg/l), Analysis By TCLP Copper (mg/l), Analysis By TCLP Chromium (mg/l), Analysis By TCLP Mercury (mg/l), Analysis By TCLP Nickel (mg/l), Analysis By TCLP Cyanide (mg/l), Analysis By TCLP Arsenic (mg/l), Analysis By TCLP Manganese (mg/l), Analysis By TCLP Zinc (mg/l), Analysis By TCLP PAH (mg/l)			
6.	Stack Monitoring	PM, SO <sub>2</sub> , NO <sub>x</sub> , HCL, Cl <sub>2</sub> , Ammonia (NH <sub>3</sub> ), Hydrocarbon (HC), Hydrogen Sulphide (H <sub>2</sub> S), Carbon Monoxide (CO), Hydrogen Fluoride, (HF), Cd + Th (and its Compounds), Hg (and its Compounds), Lead (Pb), Chromium (Cr), Copper (Cu), Nickel (Ni), Zinc (Zn), Vanadium & Its Compound, Antimony, Arsenic, Manganese, Combustion Efficiency, Carbon Dioxide, Oxygen.	12	Quarterly	02



# 1.0 AMBIENT AIR QUALITY MONITORING REPORT



**[Period: Nov 2024]**

**For**



**M/S. BEIL Infrastructure Ltd.**

**At**

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA BIOSUSTAIN PVT LTD**





## LABORATORY TESTING REPORT

Report No.: VE/AA/202411/0001		Date: 16/11/2024	
URL No.: TC0958124000000681F			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	07/11/2024	Sampling Type : -
Sample Receipt Date	:	07/11/2024	Sample ID : AA/202411/0001
Sampling Location	:	Nr. On the roof of laboratory	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 07/11/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 08/11/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

## Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM <sub>10</sub>	µg/m <sup>3</sup>	61.8	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	33.5	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	21.2	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	18.1	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl <sub>2</sub> )	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H <sub>2</sub> S)	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	µg/m <sup>3</sup>	15.29	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

  
verified By

Ayushi K Chaturvedi (Quality Manager)

  
Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/AA/202411/0001		Date: 16/11/2024	
URL No.: --			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	07/11/2024	Sampling Type : -
Sample Receipt Date	:	07/11/2024	Sample ID : AA/202411/0001
Sampling Location	:	Nr. On the roof of laboratory	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 07/11/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 08/11/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
11.	Arsenic as As	µg/m <sup>3</sup>	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m <sup>3</sup>	0.9	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

### -----End Report-----

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory





### LABORATORY TESTING REPORT

Report No.: VE/AA/202411/0002		Date: 16/11/2024	
URL No.: TC0958124000000682F			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	07/11/2024	Sampling Type : -
Sample Receipt Date	:	07/11/2024	Sample ID : AA/202411/0002
Sampling Location	:	Nr. Oppo. of C6CW4 Detox Side	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 07/11/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 08/11/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM <sub>10</sub>	µg/m <sup>3</sup>	66.2	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	36.4	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	24.8	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	16.6	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl <sub>2</sub> )	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H <sub>2</sub> S)	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	µg/m <sup>3</sup>	13.84	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

*[Signature]*  
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*[Signature]*  
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## LABORATORY TESTING REPORT

Report No.: VE/AA/202411/0002		Date:		16/11/2024		
URL No.: –						
Name & Address of Customer		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Sample Collection Date		:	07/11/2024	Sampling Type	:	–
Sample Receipt Date		:	07/11/2024	Sample ID	:	AA/202411/0002
Sampling Location		:	Nr. Oppo. of C6CW4 Detox Side	Sample Description	:	Ambient Air
Sample Collected / Submitted by		:	VE Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample		:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	07/11/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	08/11/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions during monitoring		:	Clear Sky	Actual duration of Monitoring, (Hours)	:	24 Hrs.
Environmental Condition during the test			25°C ±3 °C			

## Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
11.	Arsenic as As	µg/m <sup>3</sup>	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m <sup>3</sup>	0.93	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

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### LABORATORY TESTING REPORT

Report No.: VE/AA/202411/0003		Date: 16/11/2024	
URL No.: TC0958124000000683F			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	07/11/2024	Sampling Type : -
Sample Receipt Date	:	07/11/2024	Sample ID : AA/202411/0003
Sampling Location	:	Nr. Landfill Phase-4 near Security Tower	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 07/11/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 08/11/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM <sub>10</sub>	µg/m <sup>3</sup>	60.5	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	31.7	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	20.5	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	23.3	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl <sub>2</sub> )	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H <sub>2</sub> S)	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	µg/m <sup>3</sup>	14.66	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

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GIDC, Ankleshwar - 393002





### LABORATORY TESTING REPORT

Report No.: VE/AA/202411/0003		Date: 16/11/2024	
URL No.: –			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	07/11/2024	Sampling Type : –
Sample Receipt Date	:	07/11/2024	Sample ID : AA/202411/0003
Sampling Location	:	Nr. Landfill Phase-4 near Security Tower	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 07/11/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 08/11/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
11.	Arsenic as As	µg/m <sup>3</sup>	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m <sup>3</sup>	0.91	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

-----End Report-----

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GIDC, Ankleshwar - 393002



# 2.0 NOISE LEVEL MONITORING REPORT



**[Period: Nov 2024]**

**For**



**M/S. BEIL Infrastructure Ltd.**

**At**

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA BIOSUSTAIN PVT LTD**





## LABORATORY TESTING REPORT

Report No.: VE/AN/202411/0001		Date:		16/11/2024		
URL No.: TC0958124000000680F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Ms. Rakesh Patel			
Sample Collection Date		:	06/11/2024	Sampling Type	:	Instrument Method
Sample Receipt Date		:	06/11/2024	Sample ID	:	AN/202411/0001
Sampling Location		:	Noise	Sample Description	:	Noise Monitoring
Sample Collected / Submitted by		:	VE Team	Protocol used for monitoring	:	IS 9989-1991
Analysis Started On		:	-	Analysis Completed On	:	-
Instrument calibration status		:	Calibrated	Format No.	:	7.8 F-07
Meteorological condition during monitoring		:	Clear Sky	Actual duration of Monitoring, (Minutes)	:	30

## Ambient Noise Analysis Results

Sr. No.	Parameter	Day Time	Night Time	Unit	Protocol Used for Analysis
	<b>Permissible Limit</b>	<b>75</b>	<b>70</b>	<b>dB(A)</b>	<b>-</b>
1.	Nr. Main Gate	54.6	48.3	dB(A)	IS 9989-1991
2.	Nr. Incinerator Area	72.3	61.4	dB(A)	IS 9989-1991
3.	Nr. Lab Area	57.8	47.1	dB(A)	IS 9989-1991
4.	Nr. Admin Building	55.2	48.6	dB(A)	IS 9989-1991
5.	Nr. Truck Washing Area	68.9	59.8	dB(A)	IS 9989-1991
6.	Nr. Drum Storage Area	60.1	44.7	dB(A)	IS 9989-1991
7.	Nr. East of Incinerator Area	73.2	65.6	dB(A)	IS 9989-1991

-----End Report-----

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3. Samples shall be stored for the period of 15 days after the date of issue of Report.

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Ayushi K Chaturvedi (Quality Manager)

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GIDC, Ankleshwar - 393002



# 3.0 WATER QUALITY MONITORING REPORT



**[Period: Nov 2024]**

**For**



**M/S. BEIL Infrastructure Ltd.**

**At**

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA BIOSUSTAIN PVT LTD**





## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0002	Date:	16/11/2024
URL No.: TC0958124000000659F		
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Mr. Rakesh Patel	
Date of Sample Collection	06/11/2024	Sampling Type : Grab
Date of Sample Received	06/11/2024	Sample ID : W/202411/0002
Sampling Location	HB-1 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On : 06/11/2024
Packing / Seal	Cap Seal	Analysis Completed On : 11/11/2024
Type of Container	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test	25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.15	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	6.5	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	7437	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.63	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	4	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	4070	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	31.94	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	1040	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	400	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.84	mg/L	APHA 24th Edition 4500- Norg B : 2022
11.	Chloride (as Cl)	2009.38	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	190.18	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	2.92	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.48	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	240	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	106.96	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	320	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.6	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	10.64	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0002		Date:		16/11/2024		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	06/11/2024	Sampling Type	:	Grab
Date of Sample Received		:	06/11/2024	Sample ID	:	W/202411/0002
Sampling Location		:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	06/11/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	11/11/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	3.92	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.077	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

### -----End Report-----

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**Laboratory :**

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GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0003		Date:		16/11/2024		
URL No.: TC09581240000000660F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	06/11/2024	Sampling Type	:	Grab
Date of Sample Received		:	06/11/2024	Sample ID	:	W/202411/0003
Sampling Location		:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	06/11/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	11/11/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol Used for Analysis
1.	pH	7.87	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	6.6	Hazen	APHA 24th Edition 2120 C: 2022
3.	Conductivity	2220	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.72	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	3.4	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1249	mg/L	APHA 24th Edition 2540- C: 2022
7.	Chemical Oxygen Demand	11.98	mg/L	IS 3025 (Part 58): 2006
8.	Total Hardness as CaCO <sub>3</sub>	560	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	450	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.62	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	469.85	mg/L	APHA 24th Edition 4500- Cl- B: 2022
12.	Sulphate (as SO <sub>4</sub> )	183.93	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	3.14	mg/L	IS 3025 (Part 34): 2022
14.	Fluoride	0.63	mg/L	APHA 24th Edition 4500- F- B & D: 2022
15.	Calcium (as Ca)	88	mg/L	APHA 24th Edition 3500- Ca-B: 2022
16.	Magnesium (as Mg)	82.65	mg/L	APHA 24th Edition 3500 Mg B: 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	512	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	6	mg/L	APHA 24th Edition 3500-K B: 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B: 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	5.5	mg/L	IS 3025 (Part 44): 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B: 2022

Ayushi K Chaturvedi (Quality Manager)

  
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## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0003		Date: 16/11/2024	
URL No.: –			
Customer Name & Address	:	<b>M/s. BEIL Infrastructure Ltd.</b> Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	06/11/2024	Sampling Type : Grab
Date of Sample Received	:	06/11/2024	Sample ID : W/202411/0003
Sampling Location	:	HB-2 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 06/11/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 11/11/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	1.81	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.506	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

This Report is issued under the following terms & Condition:

1. Samples are not drawn by Vasundhara Biosustain Pvt. Ltd, unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implemented.
2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

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Reg. Office :

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Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002

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E-mail : info@vasundharaenterprise.in  
Website : www.vasundharaenterprise.in

Laboratory :

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## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0004		Date:		16/11/2024		
URL No.: TC0958124000000661F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	06/11/2024	Sampling Type	:	Grab
Date of Sample Received		:	06/11/2024	Sample ID	:	W/202411/0004
Sampling Location		:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	06/11/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	11/11/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.6	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	24.4	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	2970	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.62	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	4	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1970	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	15.97	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	680	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	390	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.78	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	554.83	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	197.77	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	1.78	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.80	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	160	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	68.07	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	276	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.2	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	4.43	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0004		Date:		16/11/2024		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	06/11/2024	Sampling Type	:	Grab
Date of Sample Received		:	06/11/2024	Sample ID	:	W/202411/0004
Sampling Location		:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	06/11/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	11/11/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	4.58	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.253	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

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## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0005		Date:		16/11/2024		
URL No.: TC0958124000000662F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	06/11/2024	Sampling Type	:	Grab
Date of Sample Received		:	06/11/2024	Sample ID	:	W/202411/0005
Sampling Location		:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	06/11/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	11/11/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.23	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	9.5	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3660	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.59	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	4.7	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2001	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	19.96	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	840	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	380	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.67	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	734.77	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	152.14	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	2.37	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.97	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	208	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	77.79	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	360	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	5.9	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	5.66	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Ayushi K Chaturvedi (Quality Manager)

  
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**LABORATORY TESTING REPORT**

Report No.: VE/W/202411/0005		Date:		16/11/2024		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	06/11/2024	Sampling Type	:	Grab
Date of Sample Received		:	06/11/2024	Sample ID	:	W/202411/0005
Sampling Location		:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	06/11/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	11/11/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

**Ground Water Analysis Results**

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	3.18	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.196	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

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1. Samples are not drawn by Vasundhara Biosustain Pvt. Ltd, unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implemented.
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## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0006	Date:	16/11/2024
URL No.: TC0958124000000663F		
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Mr. Rakesh Patel	
Date of Sample Collection	06/11/2024	Sampling Type : Grab
Date of Sample Received	06/11/2024	Sample ID : W/202411/0006
Sampling Location	EB-4 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On : 06/11/2024
Packing / Seal	Cap Seal	Analysis Completed On : 11/11/2024
Type of Container	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test	25°C ±3 °C	

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.19	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	19.04	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	5340	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	1.3	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	5	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3280	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	31.94	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	1760	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	440	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.73	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1599.50	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	183.93	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	4.74	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.64	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	320	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	233.38	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	356	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.4	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	10.3	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Ayushi K Chaturvedi (Quality Manager)

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## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0006		Date:		16/11/2024	
URL No.: --					
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.		
Contact Person		:	Mr. Rakesh Patel		
Date of Sample Collection		:	06/11/2024		Sampling Type : Grab
Date of Sample Received		:	06/11/2024		Sample ID : W/202411/0006
Sampling Location		:	EB-4 Up Stream		Sample Description : Ground Water
Sample Collected / Submitted by		:	VE Team		Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.		Analysis Started On : 06/11/2024
Packing / Seal		:	Cap Seal		Analysis Completed On : 11/11/2024
Type of Container		:	Plastic Container		Format No. : 7.8 F-01
Environmental Condition during the test			25°C ±3 °C		

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	5.14	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.372	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

## End Report

This Report is issued under the following terms & Condition:

1. Samples are not drawn by Vasundhara Biosustain Pvt. Ltd, unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implemented.
2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

  
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Ayushi K Chaturvedi (Quality Manager)

  
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## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0007	Date:	16/11/2024
URL No.: TC0958124000000664F		
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Mr. Rakesh Patel	
Date of Sample Collection	06/11/2024	Sampling Type : Grab
Date of Sample Received	06/11/2024	Sample ID : W/202411/0007
Sampling Location	HB-5 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On : 06/11/2024
Packing / Seal	Cap Seal	Analysis Completed On : 11/11/2024
Type of Container	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test	25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol Used for Analysis
1.	pH	7.7	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	10.7	Hazen	APHA 24th Edition 2120 C: 2022
3.	Conductivity	3037	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	1.22	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	3	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1670	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	19.96	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	900	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	470	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	2.24	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	599.81	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	291.96	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	2.98	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.48	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	240	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	72.93	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	350	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	7.4	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	6.66	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0007		Date:		16/11/2024		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	06/11/2024	Sampling Type	:	Grab
Date of Sample Received		:	06/11/2024	Sample ID	:	W/202411/0007
Sampling Location		:	HB-5 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	06/11/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	11/11/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	2.63	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.108	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Reports-----

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## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0008		Date: 16/11/2024	
URL No.: TC0958124000000665F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	06/11/2024	Sampling Type : Grab
Date of Sample Received	:	06/11/2024	Sample ID : W/202411/0008
Sampling Location	:	EB-5 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 06/11/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 11/11/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.32	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	16.1	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	4220	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.71	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	5	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2702	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	23.95	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	1050	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	440	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.96	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1124.65	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	194.20	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	2.06	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.66	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	168	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	153.15	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	348	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.8	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	7.33	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0008		Date:		16/11/2024	
URL No.: --					
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.		
Contact Person		:	Mr. Rakesh Patel		
Date of Sample Collection		:	06/11/2024		Sampling Type : Grab
Date of Sample Received		:	06/11/2024		Sample ID : W/202411/0008
Sampling Location		:	EB-5 Up Stream		Sample Description : Ground Water
Sample Collected / Submitted by		:	VE Team		Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.		Analysis Started On : 06/11/2024
Packing / Seal		:	Cap Seal		Analysis Completed On : 11/11/2024
Type of Container		:	Plastic Container		Format No. : 7.8 F-01
Environmental Condition during the test			25°C ±3 °C		

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	6.4	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.243	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Reports-----

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## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0009		Date: 16/11/2024	
URL No.: TC0958124000000666F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	06/11/2024	Sampling Type : Grab
Date of Sample Received	:	06/11/2024	Sample ID : W/202411/0009
Sampling Location	:	HB-6 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 06/11/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 11/11/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.14	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	19.6	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	4915	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.36	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	3.2	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2324	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	27.94	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	1160	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	420	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.50	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	949.71	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	203.96	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	4.77	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.72	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	176	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	175.03	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	466	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	9.33	mg/L	IS 3025 (Part 44): 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Ayushi K Chaturvedi (Quality Manager)

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Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0009		Date:		16/11/2024		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	06/11/2024	Sampling Type	:	Grab
Date of Sample Received		:	06/11/2024	Sample ID	:	W/202411/0009
Sampling Location		:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	06/11/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	11/11/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	4.14	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.083	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

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Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0010		Date:		16/11/2024		
URL No.: TC0958124000000667F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	06/11/2024	Sampling Type	:	Grab
Date of Sample Received		:	06/11/2024	Sample ID	:	W/202411/0010
Sampling Location		:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	06/11/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	11/11/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.52	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	19.02	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	5468	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.52	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	6	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3007	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	35.93	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	1400	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	370	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.34	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1694.47	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	193.56	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	6.15	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.37	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	304	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	155.58	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	552	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.2	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	10.2	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

  
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## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0010		Date:		16/11/2024	
URL No.: --					
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.		
Contact Person		:	Mr. Rakesh Patel		
Date of Sample Collection		:	06/11/2024		Sampling Type : Grab
Date of Sample Received		:	06/11/2024		Sample ID : W/202411/0010
Sampling Location		:	HB-7 Down Stream		Sample Description : Ground Water
Sample Collected / Submitted by		:	VE Team		Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.		Analysis Started On : 06/11/2024
Packing / Seal		:	Cap Seal		Analysis Completed On : 11/11/2024
Type of Container		:	Plastic Container		Format No. : 7.8 F-01
Environmental Condition during the test			25°C ±3 °C		

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	3.95	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.315	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

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1. Samples are not drawn by Vasundhara Biosustain Pvt. Ltd, unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implemented.
2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

  
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## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0011		Date:		16/11/2024		
URL No.: TC095812400000668F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	06/11/2024	Sampling Type	:	Grab
Date of Sample Received		:	06/11/2024	Sample ID	:	W/202411/0011
Sampling Location		:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	06/11/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	11/11/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.61	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	5.66	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3643	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.36	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	4	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2010	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	35.93	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	1300	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	350	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	2.18	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	924.71	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	213.48	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	6.52	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.43	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	208	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	189.62	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	378	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.6	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	BioChemical Oxygen Demand @ 27 °C for 3 Days	11.3	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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**Laboratory :**

S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0011		Date:		16/11/2024
URL No.: --				
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.		
Contact Person	:	Mr. Rakesh Patel		
Date of Sample Collection	:	06/11/2024	Sampling Type	: Grab
Date of Sample Received	:	06/11/2024	Sample ID	: W/202411/0011
Sampling Location	:	EB-9 Up Stream	Sample Description	: Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	: APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	: 06/11/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	: 11/11/2024
Type of Container	:	Plastic Container	Format No.	: 7.8 F-01
Environmental Condition during the test		25°C ±3 °C		

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	4.81	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.083	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

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3. Samples shall be stored for the period of 15 days after the date of issue of Report.

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Laboratory :

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GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0013		Date: 16/11/2024	
URL No.: TC0958124000000670F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	06/11/2024	Sampling Type : Grab
Date of Sample Received	:	06/11/2024	Sample ID : W/202411/0013
Sampling Location	:	EB-10 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 06/11/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 11/11/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.72	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	2.2	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3012	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.32	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	2.9	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1654	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	23.95	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	820	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	410	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.06	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	709.78	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	211.99	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	0.71	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.76	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	184	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	87.52	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	439	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	7.8	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	6.65	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Ayushi K Chaturvedi (Quality Manager)

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## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0013		Date:		16/11/2024	
URL No.: --					
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.		
Contact Person		:	Mr. Rakesh Patel		
Date of Sample Collection		:	06/11/2024		Sampling Type : Grab
Date of Sample Received		:	06/11/2024		Sample ID : W/202411/0013
Sampling Location		:	EB-10 Up Stream		Sample Description : Ground Water
Sample Collected / Submitted by		:	VE Team		Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.		Analysis Started On : 06/11/2024
Packing / Seal		:	Cap Seal		Analysis Completed On : 11/11/2024
Type of Container		:	Plastic Container		Format No. : 7.8 F-01
Environmental Condition during the test			25°C ±3 °C		

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	1.47	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.052	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

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## LABORATORY TESTING REPORT

LABORATORY TESTING REPORT

Report No.: VE/W/202411/0014		Date: 16/11/2024	
URL No.: TC0958124000000671F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	06/11/2024	Sampling Type : Grab
Date of Sample Received	:	06/11/2024	Sample ID : W/202411/0014
Sampling Location	:	EB-11 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 06/11/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 11/11/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.27	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	19.2	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	7161	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.74	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	3.8	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3944	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	67.86	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	2260	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	420	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	2.07	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1574.51	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	341.96	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	17.42	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	1.08	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	480	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	257.69	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	494	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.2	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	18.8	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Ayushi K Chaturvedi (Quality Manager)

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## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0014		Date:		16/11/2024		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	06/11/2024	Sampling Type	:	Grab
Date of Sample Received		:	06/11/2024	Sample ID	:	W/202411/0014
Sampling Location		:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	06/11/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	11/11/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	24.45	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.310	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

Ayushi K Chaturvedi (Quality Manager)

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## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0025		Date: 22/11/2024	
URL No.: TC0958124000000713F			
Customer Name & Address	:	<b>M/s. BEIL Infrastructure Ltd.</b> Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	14/11/2024	Sampling Type : Grab
Date of Sample Received	:	14/11/2024	Sample ID : W/202411/0025
Sampling Location	:	Jitali Navinagari	Sample Description : Surface Water
Sample Collected / Submitted by	:	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 14/11/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 19/11/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.09	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	6.8	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	2970	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.51	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	4	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1934	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	20.56	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	165	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	400	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.74	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	554.83	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	109.82	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	0.68	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.48	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	64	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	1.22	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	128	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.6	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	5.8	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0025		Date:		22/11/2024				
URL No.: --								
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.					
Contact Person		:	Mr. Rakesh Patel					
Date of Sample Collection		:	14/11/2024		Sampling Type	:	Grab	
Date of Sample Received		:	14/11/2024		Sample ID	:	W/202411/0025	
Sampling Location		:	Jitali Navinagari		Sample Description	:	Surface Water	
Sample Collected / Submitted by		:	VE Team		Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition	
Quantity / No. of Sample		:	2 Liter/1Nos.		Analysis Started On	:	14/11/2024	
Packing / Seal		:	Cap Seal		Analysis Completed On	:	19/11/2024	
Type of Container		:	Plastic Container		Format No.	:	7.8 F-01	
Environmental Condition during the test				25°C ±3 °C				

### Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	1.26	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0026	Date:	22/11/2024
URL No.: TC0958124000000714F		
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Mr. Rakesh Patel	
Date of Sample Collection	14/11/2024	Sampling Type : Grab
Date of Sample Received	14/11/2024	Sample ID : W/202411/0026
Sampling Location	Jitali Grampanchayat	Sample Description : Surface Water
Sample Collected / Submitted by	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On : 14/11/2024
Packing / Seal	Cap Seal	Analysis Completed On : 19/11/2024
Type of Container	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test	25°C ±3 °C	

## Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.66	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	7.2	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	2450	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.63	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	3.9	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1595	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	16.45	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	150	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	345	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.2	mg/L	APHA 24th Edition 4500- Norg B : 2022
11.	Chloride (as Cl)	429.87	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	141.96	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	0.80	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.36	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	52	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	4.86	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	238	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	6	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	5.4	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Ayushi K Chaturvedi (Quality Manager)

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## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0026		Date:		22/11/2024		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	14/11/2024	Sampling Type	:	Grab
Date of Sample Received		:	14/11/2024	Sample ID	:	W/202411/0026
Sampling Location		:	Jitali Grampanchayat	Sample Description	:	Surface Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	14/11/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	19/11/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

### Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	0.94	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

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GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0027		Date:		22/11/2024		
URL No.: TC0958124000000715F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	14/11/2024	Sampling Type	:	Grab
Date of Sample Received		:	14/11/2024	Sample ID	:	W/202411/0027
Sampling Location		:	CM Tank	Sample Description	:	Surface Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	14/11/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	19/11/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.44	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	8.1	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	5560	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.72	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	4	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3560	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	24.67	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	1400	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	375	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.33	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1089.66	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	350.89	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	10.22	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.41	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	120	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	267.41	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	330	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.3	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	7.2	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Ayushi K Chaturvedi (Quality Manager)

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## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0027		Date:		22/11/2024		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	14/11/2024	Sampling Type	:	Grab
Date of Sample Received		:	14/11/2024	Sample ID	:	W/202411/0027
Sampling Location		:	CM Tank	Sample Description	:	Surface Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	14/11/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	19/11/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

### Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	1.02	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.057	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

### -----End Report-----

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GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0028		Date: 22/11/2024	
URL No.: TC095812400000716F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	14/11/2024	Sampling Type : Grab
Date of Sample Received	:	14/11/2024	Sample ID : W/202411/0028
Sampling Location	:	GNFC Pond	Sample Description : Surface Water
Sample Collected / Submitted by	:	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 14/11/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 19/11/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.32	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	8.5	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	394	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.5	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	2	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	256	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	12.34	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	135	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	140	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.01	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	24.99	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	121.07	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	1.20	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	BDL<0.2	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	20.0	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	20.66	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	26	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.4	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	4.6	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Ayushi K Chaturvedi (Quality Manager)

  
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## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0028		Date:		22/11/2024	
URL No.: --					
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.		
Contact Person		:	Mr. Rakesh Patel		
Date of Sample Collection		:	14/11/2024		Sampling Type : Grab
Date of Sample Received		:	14/11/2024		Sample ID : W/202411/0028
Sampling Location		:	GNFC Pond		Sample Description : Surface Water
Sample Collected / Submitted by		:	VE Team		Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.		Analysis Started On : 14/11/2024
Packing / Seal		:	Cap Seal		Analysis Completed On : 19/11/2024
Type of Container		:	Plastic Container		Format No. : 7.8 F-01
Environmental Condition during the test			25°C ±3 °C		

### Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	1.49	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.072	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

Ayushi K Chaturvedi (Quality Manager)

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Page No 2 of 2  
Reg. Office :

S-404, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
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Website : www.vasundharaenterprise.in

Laboratory :

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S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar – 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0029		Date: 22/11/2024	
URL No.: TC0958124000000717F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	14/11/2024	Sampling Type : Grab
Date of Sample Received	:	14/11/2024	Sample ID : W/202411/0029
Sampling Location	:	GIDC Pond	Sample Description : Surface Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 14/11/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 19/11/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	8.21	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	4.9	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	447	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.6	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	2	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	291	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	4.11	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	125	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	155	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.72	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	27.49	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	25.89	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	1.08	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	BDL<0.2	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	36	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	8.51	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	18	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	2	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	1.3	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Ayushi K Chaturvedi (Quality Manager)

  
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## LABORATORY TESTING REPORT

Report No.: VE/W/202411/0029		Date:		22/11/2024		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	14/11/2024	Sampling Type	:	Grab
Date of Sample Received		:	14/11/2024	Sample ID	:	W/202411/0029
Sampling Location		:	GIDC Pond	Sample Description	:	Surface Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	14/11/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	19/11/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

### Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	0.66	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

### -----End Report-----

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3. Samples shall be stored for the period of 15 days after the date of issue of Report.

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Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory



# 4.0 SOIL QUALITY MONITORING REPORT



**[Period: Nov 2024]**

**For**



**M/S. BEIL Infrastructure Ltd.**

**At**

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA BIOSUSTAIN PVT LTD**





## LABORATORY TESTING REPORT

Report No.: VE/S/202411/0001		Date: 16/11/2024	
URL No.: TC0958124000000672F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	06/11/2024	Sampling Type : Composite
Date of Sample Received	:	06/11/2024	Sample ID : S/202411/0001
Sampling Location	:	Near HB-7	Sample Description : Soil
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On : 06/11/2024
Packing / Seal	:	Seal Pack	Analysis Completed On : 11/11/2024
Type of Container	:	Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

## Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	7.94	-	IS 2720 (Part 26) : 1987
2.	Conductivity	806	µS/cm	IS: 14767: 2000

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Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

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## LABORATORY TESTING REPORT

Report No.: VE/S/202411/0001		Date:		16/11/2024	
URL No.: --					
Customer Name & Address		: <b>M/s. BEIL Infrastructure Ltd.</b> Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		: Mr. Rakesh Patel			
Date of Sample Collection		: 06/11/2024		Sampling Type : Composite	
Date of Sample Received		: 06/11/2024		Sample ID : S/202411/0001	
Sampling Location		: Near HB-7		Sample Description : Soil	
Sample Collected / Submitted by		: VE Team		Protocol used for Sampling : SOP Based	
Quantity / No. of Sample		: 2 Kg/1 Nos.		Analysis Started On : 06/11/2024	
Packing / Seal		: Seal Pack		Analysis Completed On : 11/11/2024	
Type of Container		: Plastic Bag		Format No. : 7.8 F-04	
Environmental Condition during the test		25°C ±3 °C			

## Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	0.09	mg/L	APHA 24th Edi. 3111 PbB : 2022
4.	Cadmium as Cd by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cd B : 2022
5.	Copper as Cu by TCLP	0.3	mg/L	APHA 24th Edi. 3111 Cu B : 2022
6.	Chromium as Cr by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cr B : 2022
7.	Nickel as Ni by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Ni B : 2022
8.	Arsenic as As by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3114 As B : 2022
9.	Manganese as Mn by TCLP	10.19	mg/L	APHA 24th Edi. 3111 Mn B: 2022
10.	Zinc as Zn by TCLP	0.57	mg/L	APHA 24th Edi. 3111 Zn B : 2022
11.	TDS by TCLP	451	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	0.84	%	IS 2720 (Part 22) : 1972
13.	Fluoride	1.03	mg/L	APHA 24th Edi. 4500 F- B&D:2022
14.	Mercury as Hg by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3112 Hg B : 2022
15.	Cyanide as CN	BDL<0.02	mg/L	APHA 24th Edi. 4500- CN- B & E: 2022
16.	PAH	ND	mg/L	EPA Method : 610

## End Report

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Ayushi K Chaturvedi (Quality Manager)

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Reg. Office :

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Website : www.vasundharaenterprise.in

Laboratory :

S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/S/202411/0002		Date: 16/11/2024	
URL No.: TC0958124000000673F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	06/11/2024	Sampling Type : Composite
Date of Sample Received	:	06/11/2024	Sample ID : S/202411/0002
Sampling Location	:	B/H Shead No.-07	Sample Description : Soil
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On : 06/11/2024
Packing / Seal	:	Seal Pack	Analysis Completed On : 11/11/2024
Type of Container	:	Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

## Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	7.6	-	IS 2720 (Part 26) : 1987
2.	Conductivity	923	µS/cm	IS: 14767: 2000

  
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Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/S/202411/0002			Date: 16/11/2024	
URL No.: --				
Customer Name & Address		: <b>M/s. BEIL Infrastructure Ltd.</b> Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.		
Contact Person		: Mr. Rakesh Patel		
Date of Sample Collection		: 06/11/2024	Sampling Type	: Composite
Date of Sample Received		: 06/11/2024	Sample ID	: S/202411/0002
Sampling Location		: B/H Shead No.-07	Sample Description	: Soil
Sample Collected / Submitted by		: VE Team	Protocol used for Sampling	: SOP Based
Quantity / No. of Sample		: 2 Kg/1 Nos.	Analysis Started On	: 06/11/2024
Packing / Seal		: Seal Pack	Analysis Completed On	: 11/11/2024
Type of Container		: Plastic Bag	Format No.	: 7.8 F-04
Environmental Condition during the test			25°C ±3 °C	

## Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	0.07	mg/L	APHA 24th Edi. 3111 PbB : 2022
4.	Cadmium as Cd by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cd B : 2022
5.	Copper as Cu by TCLP	0.63	mg/L	APHA 24th Edi. 3111 Cu B : 2022
6.	Chromium as Cr by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cr B : 2022
7.	Nickel as Ni by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Ni B : 2022
8.	Arsenic as As by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3114 As B : 2022
9.	Manganese as Mn by TCLP	12.54	mg/L	APHA 24th Edi. 3111 Mn B: 2022
10.	Zinc as Zn by TCLP	0.65	mg/L	APHA 24th Edi. 3111 Zn B : 2022
11.	TDS by TCLP	508.3	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	0.8	%	IS 2720 (Part 22) : 1972
13.	Fluoride	1.45	mg/L	APHA 24th Edi. 4500 F- B&D:2022
14.	Mercury as Hg by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3112 Hg B : 2022
15.	Cyanide as CN	BDL<0.02	mg/L	APHA 24th Edi. 4500- CN- B & E: 2022
16.	PAH	ND	mg/L	EPA Method : 610

## End Report

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**Ayushi K Chaturvedi** (Quality Manager)

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Laboratory 49

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GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/S/202411/0003	Date:	16/11/2024
URL No.: TC0958124000000674F		
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Mr. Rakesh Patel	
Date of Sample Collection	06/11/2024	Sampling Type : Composite
Date of Sample Received	06/11/2024	Sample ID : S/202411/0003
Sampling Location	Near Incinerator Plant	Sample Description : Soil
Sample Collected / Submitted by	VE Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	2 Kg/1 Nos.	Analysis Started On : 06/11/2024
Packing / Seal	Seal Pack	Analysis Completed On : 11/11/2024
Type of Container	Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test	25°C ±3 °C	

## Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	7.71	-	IS 2720 (Part 26) : 1987
2.	Conductivity	403	µS/cm	IS: 14767: 2000

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Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/S/202411/0003	Date:	16/11/2024
URL No.: --		
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Mr. Rakesh Patel	
Date of Sample Collection	06/11/2024	Sampling Type : Composite
Date of Sample Received	06/11/2024	Sample ID : S/202411/0003
Sampling Location	Near Incinerator Plant	Sample Description : Soil
Sample Collected / Submitted by	VE Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	2 Kg/1 Nos.	Analysis Started On : 06/11/2024
Packing / Seal	Seal Pack	Analysis Completed On : 11/11/2024
Type of Container	Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test	25°C ±3 °C	

## Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	0.02	mg/L	APHA 24th Edi. 3111 PbB : 2022
4.	Cadmium as Cd by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cd B : 2022
5.	Copper as Cu by TCLP	0.24	mg/L	APHA 24th Edi. 3111 Cu B : 2022
6.	Chromium as Cr by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cr B : 2022
7.	Nickel as Ni by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Ni B : 2022
8.	Arsenic as As by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3114 As B : 2022
9.	Manganese as Mn by TCLP	8.32	mg/L	APHA 24th Edi. 3111 Mn B: 2022
10.	Zinc as Zn by TCLP	0.39	mg/L	APHA 24th Edi. 3111 Zn B : 2022
11.	TDS by TCLP	240	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	0.66	%	IS 2720 (Part 22) : 1972
13.	Fluoride	0.84	mg/L	APHA 24th Edi. 4500 F- B&D:2022
14.	Mercury as Hg by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3112 Hg B : 2022
15.	Cyanide as CN	BDL<0.02	mg/L	APHA 24th Edi. 4500- CN- B & E: 2022
16.	PAH	ND	mg/L	EPA Method : 610

## -----End Report-----

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Ayushi K Chaturvedi (Quality Manager)

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Website : www.vasundharaenterprise.in

Laboratory 51

S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





**LABORATORY TESTING REPORT**

Report No.: VE/S/202411/0004		Date: 16/11/2024	
URL No.: TC0958124000000675F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	06/11/2024	Sampling Type : Composite
Date of Sample Received	:	06/11/2024	Sample ID : S/202411/0004
Sampling Location	:	Near Industrial Solvent	Sample Description : Soil
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On : 06/11/2024
Packing / Seal	:	Seal Pack	Analysis Completed On : 11/11/2024
Type of Container	:	Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

**Test Results**

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	8.42	-	IS 2720 (Part 26) : 1987
2.	Conductivity	238	µS/cm	IS: 14767: 2000

Ayushi K Chaturvedi (Quality Manager)

  
Verified By

  
Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/S/202411/0004			Date: 16/11/2024	
URL No.: --				
Customer Name & Address		: M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.		
Contact Person		: Mr. Rakesh Patel		
Date of Sample Collection		: 06/11/2024	Sampling Type	: Composite
Date of Sample Received		: 06/11/2024	Sample ID	: S/202411/0004
Sampling Location		: Near Industrial Solvent	Sample Description	: Soil
Sample Collected / Submitted by		: VE Team	Protocol used for Sampling	: SOP Based
Quantity / No. of Sample		: 2 Kg/1 Nos.	Analysis Started On	: 06/11/2024
Packing / Seal		: Seal Pack	Analysis Completed On	: 11/11/2024
Type of Container		: Plastic Bag	Format No.	: 7.8 F-04
Environmental Condition during the test			25°C ±3 °C	

## Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	0.02	mg/L	APHA 24th Edi. 3111 PbB : 2022
4.	Cadmium as Cd by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cd B : 2022
5.	Copper as Cu by TCLP	0.31	mg/L	APHA 24th Edi. 3111 Cu B : 2022
6.	Chromium as Cr by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cr B : 2022
7.	Nickel as Ni by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Ni B : 2022
8.	Arsenic as As by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3114 As B : 2022
9.	Manganese as Mn by TCLP	6.46	mg/L	APHA 24th Edi. 3111 Mn B: 2022
10.	Zinc as Zn by TCLP	0.22	mg/L	APHA 24th Edi. 3111 Zn B : 2022
11.	TDS by TCLP	166.5	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	0.53	%	IS 2720 (Part 22) : 1972
13.	Fluoride	0.65	mg/L	APHA 24th Edi. 4500 F- B&D:2022
14.	Mercury as Hg by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3112 Hg B : 2022
15.	Cyanide as CN	BDL<0.02	mg/L	APHA 24th Edi. 4500- CN- B & E: 2022
16.	PAH	ND	mg/L	EPA Method : 610

## -----End Report-----

This Report is issued under the following terms & Condition:

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

Ayushi K Chaturvedi (Quality Manager)

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Laboratory 53

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Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





**LABORATORY TESTING REPORT**

Report No.: VE/S/202411/0006		Date:		16/11/2024	
URL No.: TC0958124000000677F					
Customer Name & Address		: <b>M/s. BEIL Infrastructure Ltd.</b> Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		: Mr. Rakesh Patel			
Date of Sample Collection		: 06/11/2024	Sampling Type		: Composite
Date of Sample Received		: 06/11/2024	Sample ID		: S/202411/0006
Sampling Location		: Near Landfill	Sample Description		: Soil
Sample Collected / Submitted by		: VE Team	Protocol used for Sampling		: SOP Based
Quantity / No. of Sample		: 2 Kg/1 Nos.	Analysis Started On		: 06/11/2024
Packing / Seal		: Seal Pack	Analysis Completed On		: 11/11/2024
Type of Container		: Plastic Bag	Format No.		: 7.8 F-04
Environmental Condition during the test			25°C ±3 °C		

**Test Results**

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	8.15	-	IS 2720 (Part 26) : 1987
2.	Conductivity	312	µS/cm	IS: 14767: 2000

  
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## LABORATORY TESTING REPORT

Report No.: VE/S/202411/0006		Date: 16/11/2024	
URL No.: --			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	06/11/2024	Sampling Type : Composite
Date of Sample Received	:	06/11/2024	Sample ID : S/202411/0006
Sampling Location	:	Near Landfill	Sample Description : Soil
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On : 06/11/2024
Packing / Seal	:	Seal Pack	Analysis Completed On : 11/11/2024
Type of Container	:	Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

## Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	0.06	mg/L	APHA 24th Edi. 3111 PbB : 2022
4.	Cadmium as Cd by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cd B : 2022
5.	Copper as Cu by TCLP	0.29	mg/L	APHA 24th Edi. 3111 Cu B : 2022
6.	Chromium as Cr by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cr B : 2022
7.	Nickel as Ni by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Ni B : 2022
8.	Arsenic as As by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3114 As B : 2022
9.	Manganese as Mn by TCLP	7.91	mg/L	APHA 24th Edi. 3111 Mn B: 2022
10.	Zinc as Zn by TCLP	0.41	mg/L	APHA 24th Edi. 3111 Zn B : 2022
11.	TDS by TCLP	193.4	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	0.61	%	IS 2720 (Part 22) : 1972
13.	Fluoride	0.7	mg/L	APHA 24th Edi. 4500 F- B&D:2022
14.	Mercury as Hg by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3112 Hg B : 2022
15.	Cyanide as CN	BDL<0.02	mg/L	APHA 24th Edi. 4500- CN- B & E: 2022
16.	PAH	ND	mg/L	EPA Method : 610

## -----End Report-----

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Ayushi K Chaturvedi (Quality Manager)

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Laboratory 55  
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Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/S/202411/0007		Date:		16/11/2024	
URL No.: TC0958124000000678F					
Customer Name & Address		: <b>M/s. BEIL Infrastructure Ltd.</b> Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		: Mr. Rakesh Patel			
Date of Sample Collection		: 06/11/2024		Sampling Type : Composite	
Date of Sample Received		: 06/11/2024		Sample ID : S/202411/0007	
Sampling Location		: Stabilization Area		Sample Description : Soil	
Sample Collected / Submitted by		: VE Team		Protocol used for Sampling : SOP Based	
Quantity / No. of Sample		: 2 Kg/1 Nos.		Analysis Started On : 06/11/2024	
Packing / Seal		: Seal Pack		Analysis Completed On : 11/11/2024	
Type of Container		: Plastic Bag		Format No. : 7.8 F-04	
Environmental Condition during the test			25°C ±3 °C		

## Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	8.26	-	IS 2720 (Part 26) : 1987
2.	Conductivity	306	µS/cm	IS: 14767: 2000

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## LABORATORY TESTING REPORT

Report No.: VE/S/202411/0007		Date: 16/11/2024	
URL No.: --			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	06/11/2024	Sampling Type : Composite
Date of Sample Received	:	06/11/2024	Sample ID : S/202411/0007
Sampling Location	:	Stabilization Area	Sample Description : Soil
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On : 06/11/2024
Packing / Seal	:	Seal Pack	Analysis Completed On : 11/11/2024
Type of Container	:	Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	0.05	mg/L	APHA 24th Edi. 3111 PbB : 2022
4.	Cadmium as Cd by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cd B : 2022
5.	Copper as Cu by TCLP	0.3	mg/L	APHA 24th Edi. 3111 Cu B : 2022
6.	Chromium as Cr by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cr B : 2022
7.	Nickel as Ni by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Ni B : 2022
8.	Arsenic as As by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3114 As B : 2022
9.	Manganese as Mn by TCLP	8.82	mg/L	APHA 24th Edi. 3111 Mn B: 2022
10.	Zinc as Zn by TCLP	0.46	mg/L	APHA 24th Edi. 3111 Zn B : 2022
11.	TDS by TCLP	195.9	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	0.58	%	IS 2720 (Part 22) : 1972
13.	Fluoride	0.77	mg/L	APHA 24th Edi. 4500 F- B&D:2022
14.	Mercury as Hg by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3112 Hg B : 2022
15.	Cyanide as CN	BDL<0.02	mg/L	APHA 24th Edi. 4500- CN- B & E: 2022
16.	PAH	ND	mg/L	EPA Method : 610

-----End Report-----

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Ayushi K Chaturvedi (Quality Manager)

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Laboratory 57

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Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/S/202411/0008		Date:		16/11/2024		
URL No.: TC0958124000000679F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	06/11/2024	Sampling Type	:	Composite
Date of Sample Received		:	06/11/2024	Sample ID	:	S/202411/0008
Sampling Location		:	HB-1 / Behind Lab	Sample Description	:	Soil
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	SOP Based
Quantity / No. of Sample		:	2 Kg/1 Nos.	Analysis Started On	:	06/11/2024
Packing / Seal		:	Seal Pack	Analysis Completed On	:	11/11/2024
Type of Container		:	Plastic Bag	Format No.	:	7.8 F-04
Environmental Condition during the test			25°C ±3 °C			

## Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	8.04	-	IS 2720 (Part 26) : 1987
2.	Conductivity	456	µS/cm	IS: 14767: 2000

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## LABORATORY TESTING REPORT

Report No.: VE/S/202411/0008			Date: 16/11/2024	
URL No.: --				
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.		
Contact Person	:	Mr. Rakesh Patel		
Date of Sample Collection	:	06/11/2024	Sampling Type	: Composite
Date of Sample Received	:	06/11/2024	Sample ID	: S/202411/0008
Sampling Location	:	HB-1 / Behind Lab	Sample Description	: Soil
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	: SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On	: 06/11/2024
Packing / Seal	:	Seal Pack	Analysis Completed On	: 11/11/2024
Type of Container	:	Plastic Bag	Format No.	: 7.8 F-04
Environmental Condition during the test		25°C ±3 °C		

## Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	0.07	mg/L	APHA 24th Edi. 3111 PbB : 2022
4.	Cadmium as Cd by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cd B : 2022
5.	Copper as Cu by TCLP	0.26	mg/L	APHA 24th Edi. 3111 Cu B : 2022
6.	Chromium as Cr by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cr B : 2022
7.	Nickel as Ni by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Ni B : 2022
8.	Arsenic as As by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3114 As B : 2022
9.	Manganese as Mn by TCLP	10.04	mg/L	APHA 24th Edi. 3111 Mn B: 2022
10.	Zinc as Zn by TCLP	0.52	mg/L	APHA 24th Edi. 3111 Zn B : 2022
11.	TDS by TCLP	274	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	0.73	%	IS 2720 (Part 22) : 1972
13.	Fluoride	1.08	mg/L	APHA 24th Edi. 4500 F- B&D:2022
14.	Mercury as Hg by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3112 Hg B : 2022
15.	Cyanide as CN	BDL<0.02	mg/L	APHA 24th Edi. 4500- CN- B & E: 2022
16.	PAH	ND	mg/L	EPA Method : 610

## End Report

This Report is issued under the following terms & Condition:

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Ayushi K Chaturvedi (Quality Manager)

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Laboratory:  
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GIDC, Ankleshwar - 393002



# 5.0 STACK MONITORING REPORT



**[Period: Nov 2024]**

**For**



**M/S. BEIL Infrastructure Ltd.**

**At**

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA BIOSUSTAIN PVT LTD**





## LABORATORY TESTING REPORT

Report No.: VE/PE/202411/0001		Date: 16/11/2024	
URL No.: TC0958124000000656F			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	06/11/2024	Sampling Type : Isokinetic Sampling
Sample Receipt Date	:	06/11/2024	Sample ID : PE/202411/0001
Sampling Location	:	Landfillable Waste Stabilization area Scrubber (Shed No. 11)	Sample Description : Process Emission
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 11255
Quantity / No. of Sample	:	1 No. Of Thimble + Scrubbing Absorbing Media/Each	Analysis Started On : 06/11/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 07/11/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-06
Meteorological conditions during monitoring	:	Clear Sky	Sampling Duration (Minute) : 60 Minute
Ambient Temperature °C	:	28.1	Stack Temperature °C : 68
Stack Kit Sr. No.	:	2002060268	Date Of Issue : 27/12/2023
Calibration Certificates No.	:	ENP2312261327-S	Due Date : 25/12/2024
Environmental Condition during the test		25°C ±3 °C	

## Stack Emission Analysis Results

Sr. No.	Parameter	Result	GPCB Limit	Unit	Protocol used for Analysis
1.	Average Velocity	7.8	--	m/s	IS 11255 (Part 3), 2008
2.	Particulate Matter as PM	37.6	150	mg/Nm <sup>3</sup>	IS 11255 (Part 01): 1985

Ayushi K Chaturvedi (Quality Manager)

  
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GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/PE/202411/0001			Date: 16/11/2024		
URL No.: –					
Name & Address of Customer		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.		
Contact Person		:	Mr. Rakesh Patel		
Sample Collection Date		:	06/11/2024	Sampling Type	: Isokinetic Sampling
Sample Receipt Date		:	06/11/2024	Sample ID	: PE/202411/0001
Sampling Location		:	Landfillable Waste Stabilization area Scrubber (Shed No. 11)	Sample Description	: Process Emission
Sample Collected / Submitted by		:	VE Team	Protocol used for monitoring	: IS 11255
Quantity / No. of Sample		:	1 No. Of Thimble + Scrubbing Absorbing Media/Each	Analysis Started On	: 06/11/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	: 07/11/2024
Type of Container		:	Plastic Container	Format No.	: 7.8 F-06
Meteorological conditions during monitoring		:	Clear Sky	Sampling Duration (Minute)	: 60 Minute
Ambient Temperature °C		:	28.1	Stack Temperature °C	: 68
Stack Kit Sr. No.		:	2002060268	Date Of Issue	: 27/12/2023
Calibration Certificates No.		:	ENP2312261327-S	Due Date	: 25/12/2024
Environmental Condition during the test				25°C ±3 °C	

## Stack Emission Analysis Results

Sr. No.	Parameter	Result	GPCB Limit	Unit	Protocol used for Analysis
3.	Hydrochloric Acid as HCL	BDL	20	mg/Nm <sup>3</sup>	USEPA 26 A

-----End Report-----

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Ayushi K Chaturvedi (Quality Manager)

  
Verified By

  
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**Laboratory :**  
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GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/PE/202411/0003		Date: 16/11/2024	
URL No.: TC0958124000000658F			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	06/11/2024	Sampling Type : Isokinetic Sampling
Sample Receipt Date	:	06/11/2024	Sample ID : PE/202411/0003
Sampling Location	:	PIT Mixing Scrubber Area	Sample Description : Process Emission
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 11255
Quantity / No. of Sample	:	1 No. Of Thimble + Scrubbing Absorbing Media/Each	Analysis Started On : 06/11/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 07/11/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-06
Meteorological conditions during monitoring	:	Clear Sky	Sampling Duration (Minute) : 60 Minute
Ambient Temperature °C	:	28.6	Stack Temperature °C : 53
Stack Kit Sr. No.	:	2002060268	Date Of Issue : 27/12/2023
Calibration Certificates No.	:	ENP2312261327-S	Due Date : 25/12/2024
Environmental Condition during the test		25°C ±3 °C	

## Stack Emission Analysis Results

Sr. No.	Parameter	Result	GPCB Limit	Unit	Protocol used for Analysis
1.	Average Velocity	7.1	--	m/s	IS 11255 (Part 3), 2008
2.	Particulate Matter as PM	30.8	150	mg/Nm <sup>3</sup>	IS 11255 (Part 01): 1985

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Ayushi K Chaturvedi (Quality Manager)

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GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/PE/202411/0003		Date: 16/11/2024	
URL No.: -			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	06/11/2024	Sampling Type : Isokinetic Sampling
Sample Receipt Date	:	06/11/2024	Sample ID : PE/202411/0003
Sampling Location	:	PIT Mixing Scrubber Area	Sample Description : Process Emission
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 11255
Quantity / No. of Sample	:	1 No. Of Thimble + Scrubbing Absorbing Media/Each	Analysis Started On : 06/11/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 07/11/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-06
Meteorological conditions during monitoring	:	Clear Sky	Sampling Duration (Minute) : 60 Minute
Ambient Temperature °C	:	28.6	Stack Temperature °C : 53
Stack Kit Sr. No.	:	2002060268	Date Of Issue : 27/12/2023
Calibration Certificates No.	:	ENP2312261327-S	Due Date : 25/12/2024
Environmental Condition during the test		25°C ±3 °C	

### Stack Emission Analysis Results

Sr. No.	Parameter	Result	GPCB Limit	Unit	Protocol used for Analysis
3.	Hydrochloric Acid as HCL	BDL	20	mg/Nm3	USEPA 26 A

-----End Report-----

This Report is issued under the following terms & Condition:

1. Samples are not drawn by Vasundhara Biosustain Pvt. Ltd, unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implemented.
2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

  
Verified By

Ayushi K Chaturvedi (Quality Manager)

  
Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

**Reg. Office :**  
S-404, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002

**Contact:**  
Mo.: +91-93136 16978 / 93136 16730  
E-mail : info@vasundharaenterprise.in  
Website : www.vasundharaenterprise.in

**Laboratory :**  
S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002



# ENVIRONMENTAL MONITORING REPORT

[Period: Dec 2024]

For



**M/S. BEIL Infrastructure Ltd.**

At

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA BIOSUSTAIN PVT LTD**

**Shop No: 306,308, Multilevel Shed: 2,  
Opp.Kanoria Chemical, GIDC,  
Ankleshwar-393002.**





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**Environmental Monitoring Plan**  
**For M/s. BEIL Infrastructure Ltd. (Ankleshwar)**

Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.

**By – Vasundhara Biosustain Pvt Ltd**



Sr. No.	Environmental Component	Parameters	Location	Frequency	Monitoring Carried out in Dec - 2024
1.	Ambient Air Quality Monitoring	PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>x</sub> , NO <sub>x</sub> , Cl <sub>2</sub> , NH <sub>3</sub> , H <sub>2</sub> S, Ozone, Pb, Ni, As, HCL, HC, CO, C <sub>6</sub> H <sub>6</sub> , BaP.	03	Monthly	03
2.	Noise Location	Leq dB(A)	07	Monthly	07
3.	Ground Water Monitoring	Parameters: pH, Color, Conductivity, Turbidity, TSS, TDS, TOC, COD Total Hardness, Total Alkalinity, TKN, Chloride, Sulphate, Nitrate, Lead, Cadmium, Copper, Chromium, Mercury, Nickel, Cyanide, Arsenic, Manganese, Iron, Zinc, Fluoride, Pesticides (Organo Chlorine, Organo Nitrogen, Syntheti Pyrethroid, Carbamates), Calcium, Magnesium, Sodium, Potassium, Phosphate, Ammonical Nitrogen, BOD, Oil And Grease	12	Monthly	12
4.	Stack Monitoring	PM, SO <sub>2</sub> , NO <sub>x</sub> , HCL, Cl <sub>2</sub> , Ammonia (NH <sub>3</sub> ), Hydrocarbon (HC), Hydrogen Sulphide (H <sub>2</sub> S), Carbon Monoxide (CO), Hydrogen Fluoride, (HF), Cd + Th (and its Compounds), Hg (and its Compounds), Lead (Pb), Chromium (Cr), Copper (Cu), Nickel (Ni), Zinc (Zn), Vanadium & Its Compound, Antimony, Arsenic, Manganese, Combustion Efficiency, Carbon Dioxide, Oxygen.	12	Quarterly	03
5.	Solid Waste	CV, COMPATIBILITY, FLAMMABILITY, HALOGEN, PFLT TEST, PHYSICAL STATE, SAMPLE APPEARANCE, TOTAL SULPHUR, LOSS ON DRYING, ANNEALING LOSS,	01	Quarterly	01



		ASH CONTENT, LRT TEST, AMMONIACAL NITROGEN, TOTAL CHROMIUM (10% SOLN), NICKEL (10% SOLN), ZINC (10% SOLN), COPPER (10% SOLN), LEAD (10% SOLN), PHENOLIC COMPOUNDS, MERCURY (10% SOLN), ARSENIC (10% SOLN), CYANIDE (10% SOLN), CADMIUM (10% SOLN), FLUORIDE (10% SOLN), NITRATE (10% SOLN), COD (10% SOLN), PH (10% SOLN), OIL AND GREASE BY			
--	--	--	--	--	--



# 1.0 AMBIENT AIR QUALITY MONITORING REPORT



**[Period: Dec 2024]**

**For**



**M/S. BEIL Infrastructure Ltd.**

**At**

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA BIOSUSTAIN PVT LTD**





## LABORATORY TESTING REPORT

Report No.: VE/AA/202412/0001		Date: 11/12/2024	
URL No.: TC0958124000000756F			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	05/12/2024	Sampling Type : -
Sample Receipt Date	:	05/12/2024	Sample ID : AA/202412/0001
Sampling Location	:	Nr. On the roof of laboratory	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 05/12/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 07/12/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM <sub>10</sub>	µg/m <sup>3</sup>	63.5	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	30.3	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	18.8	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	23.1	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl <sub>2</sub> )	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H <sub>2</sub> S)	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	µg/m <sup>3</sup>	12.66	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

  
Verified By

Ayushi K Chaturvedi (Quality Manager)

  
Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/AA/202412/0001		Date: 11/12/2024	
URL No.: --			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	05/12/2024	Sampling Type : -
Sample Receipt Date	:	05/12/2024	Sample ID : AA/202412/0001
Sampling Location	:	Nr. On the roof of laboratory	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 05/12/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 07/12/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
11.	Arsenic as As	µg/m <sup>3</sup>	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m <sup>3</sup>	0.92	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

-----End Report-----

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Ayushi K Chaturvedi (Quality Manager)

  
Verified By

  
Authorized Signatory

Page No.: 2 of 2

Reg. Office :

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Website : www.vasundharaenterprise.in

Laboratory :

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Opp. Kanoria Chemicals,  
GIDC, Ankleshwar – 393002





## LABORATORY TESTING REPORT

Report No.: VE/AA/202412/0002		Date: 11/12/2024	
URL No.: TC0958124000000757F			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	05/12/2024	Sampling Type : -
Sample Receipt Date	:	05/12/2024	Sample ID : AA/202412/0002
Sampling Location	:	Nr. Oppo. of C6CW4 Detox Side	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 05/12/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 07/12/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM <sub>10</sub>	µg/m <sup>3</sup>	68.1	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	35.6	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	21.4	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	17.8	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl <sub>2</sub> )	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H <sub>2</sub> S)	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	µg/m <sup>3</sup>	11.03	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020





## LABORATORY TESTING REPORT

Report No.: VE/AA/202412/0002		Date: 11/12/2024	
URL No.: –			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	05/12/2024	Sampling Type : –
Sample Receipt Date	:	05/12/2024	Sample ID : AA/202412/0002
Sampling Location	:	Nr. Oppo. of C6CW4 Detox Side	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 05/12/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 07/12/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
11.	Arsenic as As	µg/m <sup>3</sup>	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m <sup>3</sup>	0.94	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

-----End Report-----

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Ayushi K Chaturvedi (Quality Manager)

  
Verified By

  
Authorized Signatory

Page No.: 2 of 2

Formerly known as "VASUNDHARA ENTERPRISE"

**Reg. Office :**

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**Laboratory :**

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GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/AA/202412/0003		Date: 11/12/2024	
URL No.: TC0958124000000758F			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	05/12/2024	Sampling Type : -
Sample Receipt Date	:	05/12/2024	Sample ID : AA/202412/0003
Sampling Location	:	Nr. Landfill Phase-4 near Security Tower	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 05/12/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 07/12/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM <sub>10</sub>	µg/m <sup>3</sup>	64.8	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	32.4	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	17.6	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	21.2	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl <sub>2</sub> )	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H <sub>2</sub> S)	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	µg/m <sup>3</sup>	13.21	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

Ayushi K Chaturvedi (Quality Manager)

Verified By

Authorized Signatory  
7

Page No.: 1 of 2

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**Laboratory :**

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Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/AA/202412/0003		Date: 11/12/2024	
URL No.: -			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	05/12/2024	Sampling Type : -
Sample Receipt Date	:	05/12/2024	Sample ID : AA/202412/0003
Sampling Location	:	Nr. Landfill Phase-4 near Security Tower	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 05/12/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 07/12/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
11.	Arsenic as As	µg/m <sup>3</sup>	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m <sup>3</sup>	0.93	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

-----End Report-----

This Report is issued under the following terms & Condition:

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

Ayushi K Chaturvedi (Quality Manager)

Verified By

Authorized Signatory

Page No.: 2 of 2

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E-mail : info@vasundharaenterprise.in  
Website : www.vasundharaenterprise.in

**Laboratory :**

S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002



# 2.0 NOISE LEVEL MONITORING REPORT



**[Period: Dec 2024]**

**For**



**M/S. BEIL Infrastructure Ltd.**

**At**

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA BIOSUSTAIN PVT LTD**





## LABORATORY TESTING REPORT

Report No.: VE/AN/202412/0001			Date:		11/12/2024	
URL No.: TC0958124000000750F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Ms. Rakesh Patel			
Sample Collection Date		:	04/12/2024	Sampling Type	:	Instrument Method
Sample Receipt Date		:	04/12/2024	Sample ID	:	AN/202412/0001
Sampling Location		:	Noise	Sample Description	:	Noise Monitoring
Sample Collected / Submitted by		:	VE Team	Protocol used for monitoring	:	IS 9989-1991
Analysis Started On		:	-	Analysis Completed On	:	-
Instrument calibration status		:	Calibrated	Format No.	:	7.8 F-07
Meteorological condition during monitoring		:	Clear Sky	Actual duration of Monitoring, (Minutes)	:	30

## Ambient Noise Analysis Results

Sr. No.	Parameter	Day Time	Night Time	Unit	Protocol Used for Analysis
	<b>Permissible Limit</b>	<b>75</b>	<b>70</b>	<b>dB(A)</b>	<b>-</b>
1.	Nr. Main Gate	55.1	45.7	dB(A)	IS 9989-1991
2.	Nr. Incinerator Area	70.9	63.2	dB(A)	IS 9989-1991
3.	Nr. Lab Area	60.3	49.5	dB(A)	IS 9989-1991
4.	Nr. Admin Building	53.5	45.9	dB(A)	IS 9989-1991
5.	Nr. Truck Washing Area	66.8	57.6	dB(A)	IS 9989-1991
6.	Nr. Drum Storage Area	57.4	46.4	dB(A)	IS 9989-1991
7.	Nr. East of Incinerator Area	71.6	63.8	dB(A)	IS 9989-1991

-----End Report-----

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3. Samples shall be stored for the period of 15 days after the date of issue of Report.

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Ayushi K Chaturvedi (Quality Manager)

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Laboratory :

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GIDC, Ankleshwar - 393002



# 3.0 WATER QUALITY MONITORING REPORT



**[Period: Dec 2024]**

**For**



**M/S. BEIL Infrastructure Ltd.**

**At**

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA BIOSUSTAIN PVT LTD**





## LABORATORY TESTING REPORT

Report No.: VE/W/202412/0001		Date: 11/12/2024	
URL No.: TC0958124000000738F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	04/12/2024	Sampling Type : Grab
Date of Sample Received	:	04/12/2024	Sample ID : W/202412/0001
Sampling Location	:	HB-1 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 04/12/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 09/12/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.52	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	6.2	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	6999	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.53	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	4.0	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3923	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	28.00	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	1120	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	430	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.06	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	2119.34	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	183.93	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	2.52	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.65	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	328	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	72.93	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	289	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	2.9	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	7.7	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202412/0001		Date:		11/12/2024		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/12/2024	Sampling Type	:	Grab
Date of Sample Received		:	04/12/2024	Sample ID	:	W/202412/0001
Sampling Location		:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/12/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	09/12/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	5.16	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.021	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

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## LABORATORY TESTING REPORT

Report No.: VE/W/202412/0002		Date: 11/12/2024	
URL No.: TC09581240000000739F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	04/12/2024	Sampling Type : Grab
Date of Sample Received	:	04/12/2024	Sample ID : W/202412/0002
Sampling Location	:	HB-2 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 04/12/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 09/12/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol Used for Analysis
1.	pH	8.4	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	5.8	Hazen	APHA 24th Edition 2120 C: 2022
3.	Conductivity	2130	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.85	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	3.0	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1386	mg/L	APHA 24th Edition 2540- C: 2022
7.	Chemical Oxygen Demand	16.00	mg/L	IS 3025 (Part 58): 2006
8.	Total Hardness as CaCO <sub>3</sub>	660	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	390	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.84	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	549.83	mg/L	APHA 24th Edition 4500- Cl- B: 2022
12.	Sulphate (as SO <sub>4</sub> )	186.16	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	2.89	mg/L	IS 3025 (Part 34): 2022
14.	Fluoride	0.46	mg/L	APHA 24th Edition 4500- F- B & D: 2022
15.	Calcium (as Ca)	60	mg/L	APHA 24th Edition 3500- Ca-B: 2022
16.	Magnesium (as Mg)	123.98	mg/L	APHA 24th Edition 3500 Mg B: 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	535	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	5.9	mg/L	APHA 24th Edition 3500-K B: 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B: 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	4.5	mg/L	IS 3025 (Part 44): 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B: 2022

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## LABORATORY TESTING REPORT

Report No.: VE/W/202412/0002	Date:	11/12/2024
URL No.: -		
Customer Name & Address	: <b>M/s. BEIL Infrastructure Ltd.</b> Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	: Mr. Rakesh Patel	
Date of Sample Collection	: 04/12/2024	Sampling Type : Grab
Date of Sample Received	: 04/12/2024	Sample ID : W/202412/0002
Sampling Location	: HB-2 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	: VE Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	: 2 Liter/1Nos.	Analysis Started On : 04/12/2024
Packing / Seal	: Cap Seal	Analysis Completed On : 09/12/2024
Type of Container	: Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test	25°C ±3 °C	

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	1.68	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.026	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

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## LABORATORY TESTING REPORT

Report No.: VE/W/202412/0003	Date:	11/12/2024
URL No.: TC0958124000000740F		
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Mr. Rakesh Patel	
Date of Sample Collection	04/12/2024	Sampling Type : Grab
Date of Sample Received	04/12/2024	Sample ID : W/202412/0003
Sampling Location	EB-3 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On : 04/12/2024
Packing / Seal	Cap Seal	Analysis Completed On : 09/12/2024
Type of Container	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test	25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.95	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	22.6	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	2820	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.6	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	4.0	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1587	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	20.00	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	790	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	350	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.90	mg/L	APHA 24th Edition 4500- Norg B : 2022
11.	Chloride (as Cl)	624.81	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	197.77	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	3.11	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.82	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	60	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	155.58	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	242	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.5	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	5.3	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202412/0003		Date:		11/12/2024		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/12/2024	Sampling Type	:	Grab
Date of Sample Received		:	04/12/2024	Sample ID	:	W/202412/0003
Sampling Location		:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/12/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	09/12/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	6.9	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

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## LABORATORY TESTING REPORT

Report No.: VE/W/202412/0004	Date:	11/12/2024
URL No.: TC0958124000000741F		
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Mr. Rakesh Patel	
Date of Sample Collection	04/12/2024	Sampling Type : Grab
Date of Sample Received	04/12/2024	Sample ID : W/202412/0004
Sampling Location	HB-4 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On : 04/12/2024
Packing / Seal	Cap Seal	Analysis Completed On : 09/12/2024
Type of Container	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test	25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	8.27	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	8.8	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3363	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.44	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	5	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1897	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	20.00	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	840	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	440	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.95	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	849.74	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	150.18	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	2.52	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.97	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	208	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	77.79	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	352	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	5.1	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	5.5	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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**Contact:**

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**Laboratory :**

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GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202412/0004		Date:		11/12/2024		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/12/2024	Sampling Type	:	Grab
Date of Sample Received		:	04/12/2024	Sample ID	:	W/202412/0004
Sampling Location		:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/12/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	09/12/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	2.66	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.026	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

  
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## LABORATORY TESTING REPORT

Report No.: VE/W/202412/0005	Date:	11/12/2024
URL No.: TC0958124000000742F		
Customer Name & Address	: <b>M/s. BEIL Infrastructure Ltd.</b> Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	: Mr. Rakesh Patel	
Date of Sample Collection	: 04/12/2024	Sampling Type : Grab
Date of Sample Received	: 04/12/2024	Sample ID : W/202412/0005
Sampling Location	: EB-4 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	: VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	: 2 Liter/1Nos.	Analysis Started On : 04/12/2024
Packing / Seal	: Cap Seal	Analysis Completed On : 09/12/2024
Type of Container	: Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test	25°C ± 3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.69	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	18.96	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	6520	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	1.9	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	4	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3466	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	28.00	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	1770	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	380	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.84	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	2024.37	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	179.91	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	3.69	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.74	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	328	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	230.95	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	371	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.7	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	7.7	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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## LABORATORY TESTING REPORT

Report No.: VE/W/202412/0005		Date:		11/12/2024		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/12/2024	Sampling Type	:	Grab
Date of Sample Received		:	04/12/2024	Sample ID	:	W/202412/0005
Sampling Location		:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/12/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	09/12/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	5.1	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.341	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
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## LABORATORY TESTING REPORT

Report No.: VE/W/202412/0006		Date:		11/12/2024		
URL No.: TC0958124000000743F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/12/2024	Sampling Type	:	Grab
Date of Sample Received		:	04/12/2024	Sample ID	:	W/202412/0006
Sampling Location		:	HB-5 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/12/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	09/12/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol Used for Analysis
1.	pH	8.28	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	12.2	Hazen	APHA 24th Edition 2120 C: 2022
3.	Conductivity	2910	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	1.54	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	4	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1642	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	20.00	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	910	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	440	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	2.13	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	704.78	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	309.82	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	2.62	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.56	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	244	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	72.93	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	354	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	6.6	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	5.1	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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## LABORATORY TESTING REPORT

Report No.: VE/W/202412/0006		Date:		11/12/2024		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/12/2024	Sampling Type	:	Grab
Date of Sample Received		:	04/12/2024	Sample ID	:	W/202412/0006
Sampling Location		:	HB-5 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/12/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	09/12/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	2.42	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.015	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Reports-----

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## LABORATORY TESTING REPORT

LABORATORY TESTING REPORT

Report No.: VE/W/202412/0007	Date: 11/12/2024		
URL No.: TC0958124000000744F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	04/12/2024	Sampling Type : Grab
Date of Sample Received	:	04/12/2024	Sample ID : W/202412/0007
Sampling Location	:	EB-5 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 04/12/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 09/12/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	8.19	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	15.3	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3078	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.63	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	4	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2582	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	24.00	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	1120	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	440	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	2.24	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1279.60	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	200.00	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	2.18	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.71	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	172	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	167.74	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	350	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.6	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	6.2	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202412/0007		Date:		11/12/2024		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/12/2024	Sampling Type	:	Grab
Date of Sample Received		:	04/12/2024	Sample ID	:	W/202412/0007
Sampling Location		:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/12/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	09/12/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	4.42	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

### -----End Reports-----

This Report is issued under the following terms & Condition:

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

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## LABORATORY TESTING REPORT

Report No.: VE/W/202412/0008		Date:		11/12/2024		
URL No.: TC0958124000000745F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/12/2024	Sampling Type	:	Grab
Date of Sample Received		:	04/12/2024	Sample ID	:	W/202412/0008
Sampling Location		:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/12/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	09/12/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.88	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	20.3	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	4019	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.22	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	3	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2266	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	28.00	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	1170	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	400	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.56	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1024.68	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	203.96	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	3.78	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.67	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	180	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	175.03	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	470	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.2	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	7.3	mg/L	IS 3025 (Part 44): 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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**Laboratory :**

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## LABORATORY TESTING REPORT

Report No.: VE/W/202412/0008		Date:		11/12/2024		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/12/2024	Sampling Type	:	Grab
Date of Sample Received		:	04/12/2024	Sample ID	:	W/202412/0008
Sampling Location		:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/12/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	09/12/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	4.64	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.067	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

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## LABORATORY TESTING REPORT

Report No.: VE/W/202412/0007		Date:		11/12/2024		
URL No.: TC0958124000000746F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/12/2024	Sampling Type	:	Grab
Date of Sample Received		:	04/12/2024	Sample ID	:	W/202412/0007
Sampling Location		:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/12/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	09/12/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.8	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	17.1	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	4894	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.57	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	5	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2753	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	32.00	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	1420	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	380	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.40	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1224.62	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	210.50	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	6.58	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.41	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	308	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	158.02	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	525	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	5.5	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	8.8	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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## LABORATORY TESTING REPORT

Report No.: VE/W/202412/0007		Date:		11/12/2024		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/12/2024	Sampling Type	:	Grab
Date of Sample Received		:	04/12/2024	Sample ID	:	W/202412/0007
Sampling Location		:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/12/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	09/12/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test				25°C ±3 °C		

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	6.67	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.021	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

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Website : www.vasundharaenterprise.in

**Laboratory :**

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GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202412/0010		Date:		11/12/2024		
URL No.: TC0958124000000747F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/12/2024	Sampling Type	:	Grab
Date of Sample Received		:	04/12/2024	Sample ID	:	W/202412/0010
Sampling Location		:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/12/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	09/12/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	8.15	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	5.9	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3220	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.31	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	4	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1897	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	28.00	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	1330	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	360	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	2.52	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	874.73	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	198.02	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	5.51	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.36	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	212	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	194.48	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	357	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.4	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	BioChemical Oxygen Demand @ 27 °C for 3 Days	7.5	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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## LABORATORY TESTING REPORT

Report No.: VE/W/202412/0010		Date: 11/12/2024	
URL No.: --			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	04/12/2024	Sampling Type : Grab
Date of Sample Received	:	04/12/2024	Sample ID : W/202412/0010
Sampling Location	:	EB-9 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 04/12/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 09/12/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	5.53	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.031	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

### -----End Report-----

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**Ayushi K Chaturvedi** (Quality Manager)

  
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## LABORATORY TESTING REPORT

Report No.: VE/W/202412/0011		Date:		11/12/2024		
URL No.: TC0958124000000748F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/12/2024	Sampling Type	:	Grab
Date of Sample Received		:	04/12/2024	Sample ID	:	W/202412/0011
Sampling Location		:	EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/12/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	09/12/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test				25°C ±3 °C		

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.64	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	2.16	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3240	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.28	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	3	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1776	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	20.00	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	850	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	410	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.18	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	984.69	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	195.34	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as [N-NO <sub>3</sub> ]	0.83	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.71	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	192	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	89.95	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	438	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	8.5	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	5.5	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Ayushi K Chaturvedi (Quality Manager)

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## LABORATORY TESTING REPORT

Report No.: VE/W/202412/0011		Date:		11/12/2024		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/12/2024	Sampling Type	:	Grab
Date of Sample Received		:	04/12/2024	Sample ID	:	W/202412/0011
Sampling Location		:	EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/12/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	09/12/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test				25°C ±3 °C		

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	1.47	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.015	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

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3. Samples shall be stored for the period of 15 days after the date of issue of Report.

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Page No. 2 of 2

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GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202412/0012		Date:		11/12/2024		
URL No.: TC0958124000000749F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/12/2024	Sampling Type	:	Grab
Date of Sample Received		:	04/12/2024	Sample ID	:	W/202412/0012
Sampling Location		:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/12/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	09/12/2024
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.62	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	18.2	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	7105	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.66	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	5	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3863	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	68.00	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	2280	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	430	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	2.24	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1824.43	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	316.07	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	14.95	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	1.23	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	492	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	255.26	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	496	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.1	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	18.8	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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## LABORATORY TESTING REPORT

Report No.: VE/W/202412/0012		Date: 11/12/2024	
URL No.: --			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	04/12/2024	Sampling Type : Grab
Date of Sample Received	:	04/12/2024	Sample ID : W/202412/0012
Sampling Location	:	EB-11 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 04/12/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 09/12/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

### Ground Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	27.19	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.021	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

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Page No. 2 of 2 **Formerly known as "VASUNDHARA ENTERPRISE"**

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**Laboratory :**

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GIDC, Ankleshwar - 393002



# 4.0 STACK MONITORING REPORT



**[Period: Dec 2024]**

**For**



**M/S. BEIL Infrastructure Ltd.**

**At**

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA BIOSUSTAIN PVT LTD**





## LABORATORY TESTING REPORT

Report No.: VE/SE/202412/0001		Date: 11/12/2024	
URL No.: TC0958124000000751F			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	05/12/2024	Sampling Type : Isokinetic Sampling
Sample Receipt Date	:	05/12/2024	Sample ID : SE/202412/0001
Sampling Location	:	DG Set 1 (975 KWA)	Sample Description : Stack Emission
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 11255
Quantity / No. of Sample	:	1 No. Of Thimble + Scrubbing Absorbing Media/Each	Analysis Started On : 05/12/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 06/12/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-06
Meteorological conditions during monitoring	:	Clear Sky	Sampling Duration (Minute) : 60 Minute
Ambient Temperature °C	:	26.4	Stack Temperature °C : 124
Stack Kit Sr. No.	:	2002060268	Date Of Issue : 27/12/2023
Calibration Certificates No.	:	ENP2312261327-S	Due Date : 25/12/2024
Environmental Condition during the test		25°C ±3 °C	

### Stack Emission Analysis Results

Sr. No.	Parameter	Result	GPCB Limit	Unit	Protocol used for Analysis
1.	Average Velocity	7.2	--	m/s	IS 11255 (Part 3), 2008
2.	Particulate Matter as PM	59.2	150	mg/Nm <sup>3</sup>	IS 11255 (Part 01): 1985
3.	Sulphur Dioxide as SO <sub>2</sub>	15.6	100	ppm	IS 11255 (Part 02): 1985
4.	Oxides of Nitrogen as NO <sub>x</sub>	11.1	50	ppm	IS 11255 (Part 07): 2005

-----End Report-----

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Verified By

Ayushi K Chaturvedi (Quality Manager)

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Laboratory :

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GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/SE/202412/0002		Date: 11/12/2024	
URL No.: TC0958124000000752F			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	05/12/2024	Sampling Type : Isokinetic Sampling
Sample Receipt Date	:	05/12/2024	Sample ID : SE/202412/0002
Sampling Location	:	DG Set 2 (975 KWA)	Sample Description : Stack Emission
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 11255
Quantity / No. of Sample	:	1 No. Of Thimble + Scrubbing Absorbing Media/Each	Analysis Started On : 05/12/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 06/12/2024
Type of Container	:	Plastic Container	Format No. : 7.8 F-06
Meteorological conditions during monitoring	:	Clear Sky	Sampling Duration (Minute) : 60 Minute
Ambient Temperature °C	:	26.8	Stack Temperature °C : 117
Stack Kit Sr. No.	:	2002060268	Date Of Issue : 27/12/2023
Calibration Certificates No.	:	ENP2312261327-S	Due Date : 25/12/2024
Environmental Condition during the test		25°C ±3 °C	

## Stack Emission Analysis Results

Sr. No.	Parameter	Result	GPCB Limit	Unit	Protocol used for Analysis
1.	Average Velocity	7.7	--	m/s	IS 11255 (Part 3), 2008
2.	Particulate Matter as PM	64.5	150	mg/Nm <sup>3</sup>	IS 11255 (Part 01): 1985
3.	Sulphur Dioxide as SO <sub>2</sub>	13.2	100	ppm	IS 11255 (Part 02): 1985
4.	Oxides of Nitrogen as NO <sub>x</sub>	9.8	50	ppm	IS 11255 (Part 07): 2005

-----End Report-----

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GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/PE/202412/0001	Date:	11/12/2024
URL No.: TC0958124000000753F		
Name & Address of Customer	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Mr. Rakesh Patel	
Sample Collection Date	05/12/2024	Sampling Type : Isokinetic Sampling
Sample Receipt Date	05/12/2024	Sample ID : PE/202412/0001
Sampling Location	SPD Stack MEE Plant	Sample Description : Process Emission
Sample Collected / Submitted by	VE Team	Protocol used for monitoring : IS 11255
Quantity / No. of Sample	1 No. Of Thimble/Each	Analysis Started On : 05/12/2024
Packing / Seal	Cap Seal	Analysis Completed On : 05/12/2024
Type of Container	Plastic Container	Format No. : 7.8 F-06
Meteorological conditions during monitoring	Clear Sky	Sampling Duration (Minute) : 60 Minute
Ambient Temperature °C	27.1	Stack Temperature °C : 83
Stack Kit Sr. No.	2002060268	Date Of Issue : 27/12/2023
Calibration Certificates No.	ENP2312261327-S	Due Date : 25/12/2024
Environmental Condition during the test	25°C ± 3 °C	

## Stack Emission Analysis Results

Sr. No.	Parameter	Result	GPCB Limit	Unit	Protocol used for Analysis
1.	Average Velocity	6.8	--	m/s	IS 11255 (Part 3), 2008
2.	Particulate Matter as PM	56.1	150	mg/Nm <sup>3</sup>	IS 11255 (Part 01): 1985

-----End Report-----

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GIDC, Ankleshwar - 393002



# 5.0 SOLID WASTE MONITORING REPORT



**[Period: Dec 2024]**

**For**



**M/S. BEIL Infrastructure Ltd.**

**At**

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA BIOSUSTAIN PVT LTD**





## LABORATORY TESTING REPORT

Report No.: VE/SW/202412/0001			Date: 11/12/2024		
URL No.:TC0958124000000755F					
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	05/12/2024	Sampling Type	:	-
Date of Sample Received	:	05/12/2024	Sample ID	:	SW/202412/0001
Sampling Location	:	Empty Truck Yard	Sample Description	:	Solid Waste
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	SOP Based
Quantity / No. of Sample	:	1 kg / 1 Nos.	Analysis Started On	:	05/12/2024
Packing / Seal	:	Seal Pack	Analysis Completed On	:	10/12/2024
Type of Container	:	Plastic Bag	Format No.	:	7.8 F-03
Environmental Condition during the test			25°C ±3 °C		

## Test Results

Sr. No.	Parameters	Unit	Result	Protocol Used for Analysis
1.	PH (10 % Soln)	-	8.81	IS 10158: 1982
2.	Calorific Value	cal/g	804.6	SOP for Waste-, Issue No. 2 : 2023
3.	Loss On Drying at 110 °C	%	33.48	IS 9235: 1979
4.	Ash Contain	%	58.5	IS 10158: 1982

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3. Samples shall be stored for the period of 15 days after the date of issue of Report.

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory






## LABORATORY TESTING REPORT

Report No.: VE/SW/202412/0001			Date: 11/12/2024	
URL No.:--				
Customer Name & Address		: <b>M/s. BEIL Infrastructure Ltd.</b> Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.		
Contact Person		: Mr. Rakesh Patel		
Date of Sample Collection		: 05/12/2024	Sampling Type	: -
Date of Sample Received		: 05/12/2024	Sample ID	: SW/202412/0001
Sampling Location		: Empty Truck Yard	Sample Description	: Solid Waste
Sample Collected / Submitted by		: VE Team	Protocol used for Sampling	: SOP Based
Quantity / No. of Sample		: 1 kg / 1 Nos.	Analysis Started On	: 05/12/2024
Packing / Seal		: Seal Pack	Analysis Completed On	: 10/12/2024
Type of Container		: Plastic Bag	Format No.	: 7.8 F-03
Environmental Condition during the test			25°C ±3 °C	

### Test Results

Sr. No.	Parameters	Unit	Result	Protocol Used for Analysis
5.	Compatibility	-	Compatible	EPA-600/2-80-076
6.	Flammability	-	Not Flammable	Qualitative Organic Analysis
7.	Halogen	%	1.08	APHA 4500-CL-B
8.	PFLT Test	-	No Free Liquid Present	US EPA Method 9095B
9.	Physical State	-	Solid	Visual Method
10.	Total Sulfur	%	0.62	ASTM D5291 - 10(2015) : 2015
11.	Annealing Loss	%	5.16	SOP for Waste- (Issue No. 2 ):2023
12.	LRT Test	ml	No Free Liquid Present	USEPA 9096
13.	Ammonical Nitrogen (10% Soln)	mg/l	42.2	APHA 24th Edition 4500- NH3 B & C : 2022
14.	Total Chromium(10 % Soln)	mg/l	ND	APHA 24th Edi. 3111 Cr B : 2022
15.	Nickel as Ni (10 % Soln)	mg/l	0.44	APHA 24th Edi. 3111 Ni B : 2022
16.	Zinc as Zn (10 % Soln)	mg/l	ND	APHA 24th Edi. 3111 Zn B : 2022
17.	Copper as Cu (10 % Soln)	mg/l	2.78	APHA 24th Edi. 3111 Cu B : 2022
18.	Lead as Pb (10 % Soln)	mg/l	ND	APHA 24th Edi. 3111 PbB : 2022
19.	Phenolic Compound (10 % Soln)	mg/l	0.51	APHA 24th Edition 5530-B, D : 2022
20.	Mercury as Hg (10 % Soln)	mg/l	ND	APHA 24th Edition 3112 Hg B : 2022
21.	Cyanide as CN (10 % Soln)	mg/l	ND	APHA 24th Edition 4500- CN- B & E: 2022
22.	Cadmium as Cd (10 % Soln)	mg/l	ND	APHA 24th Edi. 3111 Cd B : 2022
23.	Fluoride (10 % Soln)	mg/l	5.08	APHA 24th Edition 4500- F- B & D : 2022
24.	Nitrate (10 % Soln)	mg/l	16.2	IS 3025 (Part 34) : 2022
25.	COD (10 % Soln)	mg/l	921.6	IS 3025 (Part 58) : 2022
26.	Oil & Grease	%	0.19	Soxhlet Method
27.	Arsenic by (10 % Soln)	mg/l	ND	APHA 24th Edi. 3114 As B : 2022

Ayushi K Chaturvedi (Quality Manager)

  
End of Report  
Verified By

  
Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

**Reg. Office :**

S-404, Multilevel Shed-2,  
Page No 2 of 2  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002

**Contact:**

Mo.: +91-93136 16978 / 93136 16730  
E-mail : info@vasundharaenterprise.in  
Website : www.vasundharaenterprise.in

**Laboratory :**

S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002



# ENVIRONMENTAL MONITORING REPORT

[Period: Jan 2025]

For



**M/S. BEIL Infrastructure Ltd.**

At

Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.

**Monitoring Organization:**

**VASUNDHARA BIOSUSTAIN PVT LTD**

Shop No: 306,308, Multilevel Shed: 2,  
Opp.Kanoria Chemical, GIDC,  
Ankleshwar-393002.





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**Environmental Monitoring Plan**  
**For M/s. BEIL Infrastructure Ltd. (Ankleshwar)**  
 Plot No. 9701-9716, GIDC Estate,  
 Ankleshwar-393002, Dist: Bharuch.  
**By – Vasundhara Biosustain Pvt Ltd**



Sr. No.	Environmental Component	Parameters	Location	Frequency	Monitoring Carried out in Jan - 2025
1.	Ambient Air Quality Monitoring	PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>x</sub> , NO <sub>x</sub> , Cl <sub>2</sub> , NH <sub>3</sub> , H <sub>2</sub> S, Ozone, Pb, Ni, As, HCL, HC, CO, C <sub>6</sub> H <sub>6</sub> , BaP.	03	Monthly	03
2.	Noise Location	Leq dB(A)	07	Monthly	07
3.	Ground Water Monitoring	Parameters: pH, Color, Conductivity, Turbidity, TSS, TDS, TOC, COD Total Hardness, Total Alkalinity, TKN, Chloride, Sulphate, Nitrate, Lead, Cadmium, Copper, Chromium, Mercury, Nickel, Cyanide, Arsenic, Manganese, Iron, Zinc, Fluoride, Pesticides (Organo Chlorine, Organo Nitrogen, Syntheti Pyrethroid, Carbamates), Calcium, Magnesium, Sodium, Potassium, Phosphate, Ammonical Nitrogen, BOD, Oil And Grease	12	Monthly	12



# 1.0 AMBIENT AIR QUALITY MONITORING REPORT



**[Period: Jan 2025]**

**For**



**M/S. BEIL Infrastructure Ltd.**

**At**

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA BIOSUSTAIN PVT LTD**





## LABORATORY TESTING REPORT

Report No.: VE/AA/202501/0001		Date: 11/01/2025	
URL No.: TC0958125000000019F			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	02/01/2025	Sampling Type : -
Sample Receipt Date	:	02/01/2025	Sample ID : AA/202501/0001
Sampling Location	:	Nr. On the roof of laboratory	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 02/01/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 03/01/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM <sub>10</sub>	µg/m <sup>3</sup>	66.8	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	33.2	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	20.5	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	25.6	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl <sub>2</sub> )	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H <sub>2</sub> S)	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	µg/m <sup>3</sup>	14.05	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

*[Signature]*  
Verified By

*[Signature]*  
Ayushi K Chaturvedi (Quality Manager)  
Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/AA/202501/0001			Date: 11/01/2025	
URL No.: --				
Name & Address of Customer		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person		:	Mr. Rakesh Patel	
Sample Collection Date		:	02/01/2025	Sampling Type : -
Sample Receipt Date		:	02/01/2025	Sample ID : AA/202501/0001
Sampling Location		:	Nr. On the roof of laboratory	Sample Description : Ambient Air
Sample Collected / Submitted by		:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample		:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 02/01/2025
Packing / Seal		:	Cap Seal	Analysis Completed On : 03/01/2025
Type of Container		:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring		:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test			25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
11.	Arsenic as As	µg/m <sup>3</sup>	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m <sup>3</sup>	0.9	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

-----End Report-----

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

*A. Patel*  
Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"





## LABORATORY TESTING REPORT

Report No.: VE/AA/202501/0002	Date:	11/01/2025
URL No.: TC0958125000000020F		
Name & Address of Customer	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Mr. Rakesh Patel	
Sample Collection Date	01/01/2025	Sampling Type : -
Sample Receipt Date	01/01/2025	Sample ID : AA/202501/0002
Sampling Location	Nr. Oppo. of C6CW4 Detox Side	Sample Description : Ambient Air
Sample Collected / Submitted by	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 02/01/2025
Packing / Seal	Cap Seal	Analysis Completed On : 03/01/2025
Type of Container	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test	25°C ± 3 °C	

## Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM <sub>10</sub>	µg/m <sup>3</sup>	65.6	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	31.9	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	18.7	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	22.4	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl <sub>2</sub> )	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H <sub>2</sub> S)	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	µg/m <sup>3</sup>	12.63	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

  
Verified By

Ayushi K Chaturvedi (Quality Manager)



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## LABORATORY TESTING REPORT

Report No.: VE/AA/202501/0002		Date: 11/01/2025	
URL No.: -			
Name & Address of Customer	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.		
Contact Person	Mr. Rakesh Patel		
Sample Collection Date	: 01/01/2025	Sampling Type	: -
Sample Receipt Date	: 01/01/2025	Sample ID	: AA/202501/0002
Sampling Location	: Nr. Oppo. of C6CW4 Detox Side	Sample Description	: Ambient Air
Sample Collected / Submitted by	: VE Team	Protocol used for monitoring	: IS 5182
Quantity / No. of Sample	: 1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	: 02/01/2025
Packing / Seal	: Cap Seal	Analysis Completed On	: 03/01/2025
Type of Container	: Plastic Container	Format No.	: 7.8 F-05
Meteorological conditions during monitoring	: Clear Sky	Actual duration of Monitoring, (Hours)	: 24 Hrs.
Environmental Condition during the test	25°C ±3 °C		

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
11.	Arsenic as As	µg/m <sup>3</sup>	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m <sup>3</sup>	0.92	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

-----End Report-----

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- The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
- Samples shall be stored for the period of 15 days after the date of issue of Report.

  
Verified By

Ayushi K Chaturvedi (Quality Manager)  
  
Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/AA/202501/0003		Date: 11/01/2025	
URL No.: TC0958125000000021F			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	01/01/2025	Sampling Type : -
Sample Receipt Date	:	01/01/2025	Sample ID : AA/202501/0003
Sampling Location	:	Nr. Landfill Phase-4 near Security Tower	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 02/01/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 03/01/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM <sub>10</sub>	µg/m <sup>3</sup>	66.1	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	34.5	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	18.3	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	24.8	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl <sub>2</sub> )	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H <sub>2</sub> S)	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	µg/m <sup>3</sup>	13.88	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

  
Verified By

Ayushi K Chaturvedi (Quality Manager)

  
Authorized Signatory

Page No.: 1 of 2

Formerly known as "VASUNDHARA ENTERPRISE"

**Reg. Office :**

S-404, Multilevel Shed-2,  
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GIDC, Ankleshwar - 393002

**Contact:**

Mo.: +91-93136 16978 / 93136 16730  
E-mail : info@vasundharaenterprise.in  
Website : www.vasundharaenterprise.in

**Laboratory :**

S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/AA/202501/0003		Date: 11/01/2025	
URL No.: –			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	01/01/2025	Sampling Type : –
Sample Receipt Date	:	01/01/2025	Sample ID : AA/202501/0003
Sampling Location	:	Nr. Landfill Phase-4 near Security Tower	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 02/01/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 03/01/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

## Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
11.	Arsenic as As	µg/m <sup>3</sup>	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m <sup>3</sup>	0.91	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

-----End Report-----

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1. Samples are not drawn by Vasundhara Biosustain Pvt. Ltd, unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implemented.
2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

Page No.: 2 of 2

Formerly known as "VASUNDHARA ENTERPRISE"

8

Reg. Office :

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GIDC, Ankleshwar - 393002

Contact:

Mo.: +91-93136 16978 / 93136 16730  
E-mail : info@vasundharaenterprise.in  
Website : www.vasundharaenterprise.in

Laboratory :

S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002



# 2.0 NOISE LEVEL MONITORING REPORT



**[Period: Jan 2025]**

**For**



**M/S. BEIL Infrastructure Ltd.**

**At**

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA BIOSUSTAIN PVT LTD**





## LABORATORY TESTING REPORT

Report No.: VE/AN/202501/0001		Date:		11/01/2025		
URL No.: TC0958125000000017F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Ms. Rakesh Patel			
Sample Collection Date		:	01/01/2025	Sampling Type	:	Instrument Method
Sample Receipt Date		:	01/01/2025	Sample ID	:	AN/202501/0001
Sampling Location		:	Noise	Sample Description	:	Noise Monitoring
Sample Collected / Submitted by		:	VE Team	Protocol used for monitoring	:	IS 9989-1991
Analysis Started On		:	-	Analysis Completed On	:	-
Instrument calibration status		:	Calibrated	Format No.	:	7.8 F-07
Meteorological condition during monitoring		:	Clear Sky	Actual duration of Monitoring, (Minutes)	:	30

## Ambient Noise Analysis Results

Sr. No.	Parameter	Day Time	Night Time	Unit	Protocol Used for Analysis
	<b>Permissible Limit</b>	<b>75</b>	<b>70</b>	<b>dB(A)</b>	<b>-</b>
1.	Nr. Main Gate	57.4	48.1	dB(A)	IS 9989-1991
2.	Nr. Incinerator Area	72.1	66.9	dB(A)	IS 9989-1991
3.	Nr. Lab Area	64.3	53.4	dB(A)	IS 9989-1991
4.	Nr. Admin Building	56.9	49.4	dB(A)	IS 9989-1991
5.	Nr. Truck Washing Area	62.2	55.2	dB(A)	IS 9989-1991
6.	Nr. Drum Storage Area	60.9	50.8	dB(A)	IS 9989-1991
7.	Nr. East of Incinerator Area	70.7	61.6	dB(A)	IS 9989-1991

-----End Report-----

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

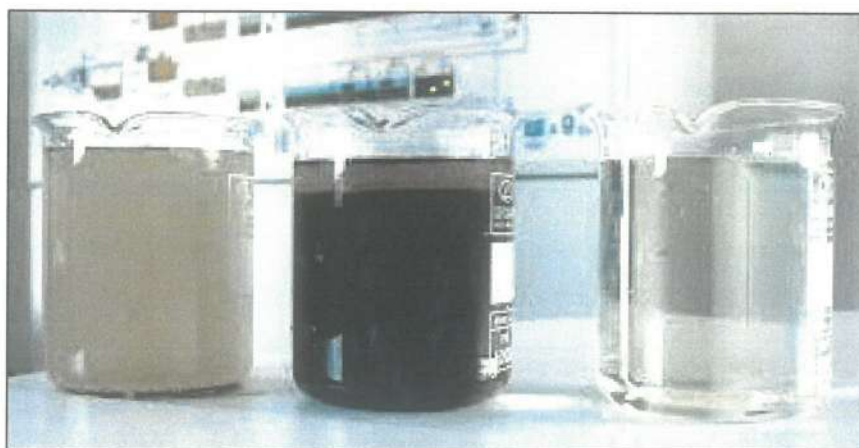
**Reg. Office :**  
S-404, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002

**Contact:**  
Mo.: +91-93136 16978 / 93136 16730  
E-mail : info@vasundharaenterprise.in  
Website : www.vasundharaenterprise.in

**Laboratory :** 10  
S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002



# 3.0 WATER QUALITY MONITORING REPORT



**[Period: Jan 2025]**

**For**



**M/S. BEIL Infrastructure Ltd.**

**At**

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA BIOSUSTAIN PVT LTD**





## LABORATORY TESTING REPORT

Report No.: VE/W/202501/0001		Date: 11/01/2025	
URL No.: TC0958125000000004F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	01/01/2025	Sampling Type : Grab
Date of Sample Received	:	01/01/2025	Sample ID : W/202501/0001
Sampling Location	:	HB-1 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 01/01/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 07/01/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	6.6	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	7060	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.6	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	4039	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	33.38	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	2200	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	386	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	2149.33	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	179.91	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	2.80	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.78	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	320	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	340.34	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	312	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.3	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	12	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

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**Reg. Office :**  
S-404, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002

**Contact:**  
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**Laboratory :**  
S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202501/0001		Date: 11/01/2025	
URL No.: --			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	01/01/2025	Sampling Type : Grab
Date of Sample Received	:	01/01/2025	Sample ID : W/202501/0001
Sampling Location	:	HB-1 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 01/01/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 07/01/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	4.94	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.015	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

-----End Report-----

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Reg. Office :

S-404, Multilevel Shed-2,  
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GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202501/0002		Date: 11/01/2025	
URL No.: TC0958125000000005F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	01/01/2025	Sampling Type : Grab
Date of Sample Received	:	01/01/2025	Sample ID : W/202501/0002
Sampling Location	:	HB-2 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 01/01/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 07/01/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

### Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol Used for Analysis
1.	pH	-	7.97	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	6.1	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2260	APHA 24th Edition 2510-B: 2023
4.	Turbidity	NTU	0.68	APHA 24th Edition 2130-B: 2023
5.	Total Suspended solids	mg/L	3.0	APHA 24th Edition 2540-D: 2023
6.	Total Dissolved solids	mg/L	1303	APHA 24th Edition 2540- C: 2023
7.	Chemical Oxygen Demand	mg/L	16.69	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	800	APHA 24th Edition 2340-C: 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	440	APHA 24th Edition 2320-B: 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.12	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	574.82	APHA 24th Edition 4500- Cl- B: 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	181.70	APHA 24th Edition 4500- SO <sub>4</sub> -E: 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	3.08	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.53	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	88	APHA 24th Edition 3500- Ca-B: 2023
16.	Magnesium (as Mg)	mg/L	141.00	APHA 24th Edition 3500 Mg B: 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D: 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C: 2023
19.	Sodium (as Na)	mg/L	506	APHA 24th Edition 3500- Na B: 2023
20.	Potassium (as K)	mg/L	5.8	APHA 24th Edition 3500-K B: 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B: 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	5	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	7.97	APHA 24th Edition 5520 B: 2023

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## LABORATORY TESTING REPORT

Report No.: VE/W/202501/0002		Date: 11/01/2025	
URL No.: -			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	01/01/2025	Sampling Type : Grab
Date of Sample Received	:	01/01/2025	Sample ID : W/202501/0002
Sampling Location	:	HB-2 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 01/01/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 07/01/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	1.58	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.062	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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## LABORATORY TESTING REPORT

Report No.: VE/W/202501/0003			Date: 11/01/2025	
URL No.: TC0958125000000006F				
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person		:	Mr. Rakesh Patel	
Date of Sample Collection		:	01/01/2025	Sampling Type : Grab
Date of Sample Received		:	01/01/2025	Sample ID : W/202501/0003
Sampling Location		:	EB-3 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On : 01/01/2025
Packing / Seal		:	Cap Seal	Analysis Completed On : 07/01/2025
Type of Container		:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test			25°C ±3 °C	

### Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.6	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	22.2	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2650	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.62	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1470	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	20.86	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	840	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	384	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.95	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	684.79	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	195.98	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	2.92	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.97	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	136	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	121.55	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	270	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4.2	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	5.8	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

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## LABORATORY TESTING REPORT

Report No.: VE/W/202501/0003	Date:	11/01/2025
URL No.: --		
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Mr. Rakesh Patel	
Date of Sample Collection	01/01/2025	Sampling Type : Grab
Date of Sample Received	01/01/2025	Sample ID : W/202501/0003
Sampling Location	EB-3 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	VE Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On : 01/01/2025
Packing / Seal	Cap Seal	Analysis Completed On : 07/01/2025
Type of Container	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test	25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	3.74	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.036	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

-----End Report-----

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## LABORATORY TESTING REPORT

Report No.: VE/W/202501/0004		Date: 11/01/2025	
URL No.: TC0958125000000007F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	01/01/2025	Sampling Type : Grab
Date of Sample Received	:	01/01/2025	Sample ID : W/202501/0004
Sampling Location	:	HB-4 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 01/01/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 07/01/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.33	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	9	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	3120	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.58	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.1	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1750	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	25.03	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	1000	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	374	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.12	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	814.75	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	146.07	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	2.71	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	1.23	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	144	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	155.58	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	356	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	5.6	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	7	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

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Ayushi K Chaturvedi (Quality Manager)



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## LABORATORY TESTING REPORT

Report No.: VE/W/202501/0004		Date: 11/01/2025	
URL No.: --			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	01/01/2025	Sampling Type : Grab
Date of Sample Received	:	01/01/2025	Sample ID : W/202501/0004
Sampling Location	:	HB-4 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 01/01/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 07/01/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	2.31	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.031	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

-----End Report-----

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Ayushi K Chaturvedi (Quality Manager)



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Reg. Office:

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Laboratory 19

S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202501/0005	Date:	11/01/2025
URL No.: TC0958125000000008F		
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Mr. Rakesh Patel	
Date of Sample Collection	01/01/2025	Sampling Type : Grab
Date of Sample Received	01/01/2025	Sample ID : W/202501/0005
Sampling Location	EB-4 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On : 01/01/2025
Packing / Seal	Cap Seal	Analysis Completed On : 07/01/2025
Type of Container	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test	25°C ±3 °C	

### Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	18.88	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	6270	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	1.22	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	5	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3375	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	29.20	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	2140	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	402	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1999.38	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	178.13	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	3.20	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.62	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	296	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	340.34	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	348	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.3	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	8.1	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

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## LABORATORY TESTING REPORT

Report No.: VE/W/202501/0005	Date:	11/01/2025
URL No.: --		
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Mr. Rakesh Patel	
Date of Sample Collection	01/01/2025	Sampling Type : Grab
Date of Sample Received	01/01/2025	Sample ID : W/202501/0005
Sampling Location	EB-4 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On : 01/01/2025
Packing / Seal	Cap Seal	Analysis Completed On : 07/01/2025
Type of Container	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test	25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	6.16	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	BDL<0.01	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

-----End Report-----

This Report is issued under the following terms & Condition:

1. Samples are not drawn by Vasundhara Biosustain Pvt. Ltd, unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implemented.
2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

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Website : www.vasundharaenterprise.in

Laboratory:  
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Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202501/0006		Date:		11/01/2025	
URL No.: TC0958125000000009F					
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	01/01/2025	Sampling Type	:	Grab
Date of Sample Received	:	01/01/2025	Sample ID	:	W/202501/0006
Sampling Location	:	HB-5 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/01/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/01/2025
Type of Container	:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C		

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol Used for Analysis
1.	pH	-	7.65	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	10.7	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	3120	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	1.1	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1725	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	20.86	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	790	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	444	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	2.24	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	689.79	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	305.80	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	2.83	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.42	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	184	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	80.22	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	352	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	6.2	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	13	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

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## LABORATORY TESTING REPORT

Report No.: VE/W/202501/0006	Date:	11/01/2025
URL No.: --		
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Mr. Rakesh Patel	
Date of Sample Collection	01/01/2025	Sampling Type : Grab
Date of Sample Received	01/01/2025	Sample ID : W/202501/0006
Sampling Location	HB-5 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On : 01/01/2025
Packing / Seal	Cap Seal	Analysis Completed On : 07/01/2025
Type of Container	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test	25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	2.33	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.119	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

### End Reports

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#### Laboratory :

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Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202501/0007		Date:		11/01/2025		
URL No.: TC095812500000010F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	01/01/2025	Sampling Type	:	Grab
Date of Sample Received		:	01/01/2025	Sample ID	:	W/202501/0007
Sampling Location		:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	01/01/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	07/01/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.31	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	14.98	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	4420	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.62	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	2524	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	20.86	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	960	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	420	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.96	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1249.61	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	201.79	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	1.91	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.66	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	240	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	87.52	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	346	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.1	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	7.3	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

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GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202501/0007	Date:	11/01/2025
URL No.: --		
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Mr. Rakesh Patel	
Date of Sample Collection	01/01/2025	Sampling Type : Grab
Date of Sample Received	01/01/2025	Sample ID : W/202501/0007
Sampling Location	EB-5 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On : 01/01/2025
Packing / Seal	Cap Seal	Analysis Completed On : 07/01/2025
Type of Container	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test	25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	7.31	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.041	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

## -----End Reports-----

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1. Samples are not drawn by Vasundhara Biosustain Pvt. Ltd., unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implemented.
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GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202501/0008		Date:		11/01/2025	
URL No.: TC095812500000011F					
Customer Name & Address		: <b>M/s. BEIL Infrastructure Ltd.</b> Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		: Mr. Rakesh Patel			
Date of Sample Collection		: 01/01/2025		Sampling Type : Grab	
Date of Sample Received		: 01/01/2025		Sample ID : W/202501/0008	
Sampling Location		: HB-6 Down Stream		Sample Description : Ground Water	
Sample Collected / Submitted by		: VE Team		Protocol used for : APHA 24 <sup>th</sup> Edition	
Quantity / No. of Sample		: 2 Liter/1Nos.		Analysis Started On : 01/01/2025	
Packing / Seal		: Cap Seal		Analysis Completed On : 07/01/2025	
Type of Container		: Plastic Container		Format No. : 7.8 F-01	
Environmental Condition during the test			25°C ±3 °C		

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.15	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	19.94	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	4260	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.34	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3.5	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	2285	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	25.03	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	1300	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	438	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1039.68	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	202.18	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	3.48	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.78	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	200	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	194.48	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	472	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.6	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	7	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

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Ayushi K Chaturvedi (Quality Manager)

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## LABORATORY TESTING REPORT

Report No.: VE/W/202501/0008	Date:	11/01/2025
URL No.: --		
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Mr. Rakesh Patel	
Date of Sample Collection	01/01/2025	Sampling Type : Grab
Date of Sample Received	01/01/2025	Sample ID : W/202501/0008
Sampling Location	HB-6 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On : 01/01/2025
Packing / Seal	Cap Seal	Analysis Completed On : 07/01/2025
Type of Container	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test	25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	5.08	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CNE : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	BDL<0.01	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

-----End Report-----

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

*[Signature]*  
Verified By

Ayushi K Chaturvedi (Quality Manager)



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Page No. 2 of 2

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Reg. Office :

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Website : www.vasundharaenterprise.in

Laboratory :

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Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202501/0010		Date:		11/01/2025		
URL No.: TC0958125000000013F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	01/01/2025	Sampling Type	:	Grab
Date of Sample Received		:	01/01/2025	Sample ID	:	W/202501/0010
Sampling Location		:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VE Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	01/01/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	07/01/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.55	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	18.2	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	5560	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.5	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	5.5	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	2955	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	33.38	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	1200	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	378	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.68	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1249.61	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	206.04	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	7.02	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.60	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	248	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	141.00	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	556	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.8	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	13	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

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Ayushi K Chaturvedi (Quality Manager)

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## LABORATORY TESTING REPORT

Report No.: VE/W/202501/0010		Date:		11/01/2025	
URL No.: --					
Customer Name & Address		: <b>M/s. BEIL Infrastructure Ltd.</b> Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		: Mr. Rakesh Patel			
Date of Sample Collection		: 01/01/2025		Sampling Type : Grab	
Date of Sample Received		: 01/01/2025		Sample ID : W/202501/0010	
Sampling Location		: HB-7 Down Stream		Sample Description : Ground Water	
Sample Collected / Submitted by		: VE Team		Protocol used for : APHA 24 <sup>th</sup> Edition	
Quantity / No. of Sample		: 2 Liter/1Nos.		Analysis Started On : 01/01/2025	
Packing / Seal		: Cap Seal		Analysis Completed On : 07/01/2025	
Type of Container		: Plastic Container		Format No. : 7.8 F-01	
Environmental Condition during the test			25°C ±3 °C		

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	6.4	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	BDL<0.01	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

-----End Report-----

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GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202501/0011	Date:	11/01/2025
URL No.: TC0958125000000014F		
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Mr. Rakesh Patel	
Date of Sample Collection	01/01/2025	Sampling Type : Grab
Date of Sample Received	01/01/2025	Sample ID : W/202501/0011
Sampling Location	EB-9 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On : 01/01/2025
Packing / Seal	Cap Seal	Analysis Completed On : 07/01/2025
Type of Container	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test	25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.61	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	5.5	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	3560	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.32	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1913	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	29.20	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	1100	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	356	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.96	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	884.73	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	193.85	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	5.94	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.42	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	144	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	179.89	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	382	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.1	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	BioChemical Oxygen Demand @ 27 °C for 3 Days	mg/L	7	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

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## LABORATORY TESTING REPORT

Report No.: VE/W/202501/0011		Date: 11/01/2025	
URL No.: --			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	01/01/2025	Sampling Type : Grab
Date of Sample Received	:	01/01/2025	Sample ID : W/202501/0011
Sampling Location	:	EB-9 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 01/01/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 07/01/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	5.52	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.036	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

-----End Report-----

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*A. Patel*  
Verified By

Ayushi K Chaturvedi (Quality Manager)

*Ayushi K Chaturvedi*  
Authorized Signatory





## LABORATORY TESTING REPORT

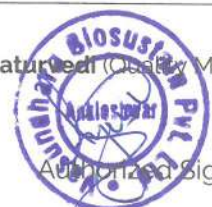
Report No.: VE/W/202501/0012	Date:	11/01/2025
URL No.: TC0958125000000015F		
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Mr. Rakesh Patel	
Date of Sample Collection	01/01/2025	Sampling Type : Grab
Date of Sample Received	01/01/2025	Sample ID : W/202501/0012
Sampling Location	EB-10 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	VE Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On : 01/01/2025
Packing / Seal	Cap Seal	Analysis Completed On : 07/01/2025
Type of Container	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test	25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.89	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	2.8	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	3240	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.38	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3.2	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1676	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	20.86	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	680	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	410	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.12	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	969.70	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	206.04	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	1.26	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.93	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	104	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	102.10	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	440	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	8.4	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	5	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

Verified By

Ayushi K Chaturvedi (Quality Manager)



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## LABORATORY TESTING REPORT

LABORATORY TESTING REPORT

Report No.: : VE/W/202501/0012		Date:		11/01/2025				
URL No.: --								
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.					
Contact Person		:	Mr. Rakesh Patel					
Date of Sample Collection		:	01/01/2025		Sampling Type	:	Grab	
Date of Sample Received		:	01/01/2025		Sample ID	:	W/202501/0012	
Sampling Location		:	EB-10 Up Stream		Sample Description	:	Ground Water	
Sample Collected / Submitted by		:	VE Team		Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition	
Quantity / No. of Sample		:	2 Liter/1Nos.		Analysis Started On	:	01/01/2025	
Packing / Seal		:	Cap Seal		Analysis Completed On	:	07/01/2025	
Type of Container		:	Plastic Container		Format No.	:	7.8 F-01	
Environmental Condition during the test				25°C ±3 °C				

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	1.62	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.015	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

-----End Report-----

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*[Signature]*  
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Ayushi K Chaturvedi (Quality Manager)



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GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

LABORATORY TESTING REPORT

Report No.: VE/W/202501/0013		Date: 11/01/2025	
URL No.: TC0958125000000016F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	01/01/2025	Sampling Type : Grab
Date of Sample Received	:	01/01/2025	Sample ID : W/202501/0013
Sampling Location	:	EB-11 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 01/01/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 07/01/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.07	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	20.1	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	7110	APHA 24th Edition 2510-B: 2023
4.	Turbidity	NTU	0.82	APHA 24th Edition 2130-B: 2023
5.	Total Suspended solids	mg/L	4.8	APHA 24th Edition 2540-D: 2023
6.	Total Dissolved solids	mg/L	3775	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	66.75	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	2600	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	422	APHA 24th Edition 2320-B: 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	2.52	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1819.44	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	329.91	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	13.66	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	1.05	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	392	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	393.82	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	498	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.4	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	22	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/W/202501/0013		Date:		11/01/2025	
URL No.: --					
Customer Name & Address		: <b>M/s. BEIL Infrastructure Ltd.</b> Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		: Mr. Rakesh Patel			
Date of Sample Collection		: 01/01/2025		Sampling Type : Grab	
Date of Sample Received		: 01/01/2025		Sample ID : W/202501/0013	
Sampling Location		: EB-11 Up Stream		Sample Description : Ground Water	
Sample Collected / Submitted by		: VE Team		Protocol used for Sampling : APHA 24 <sup>th</sup> Edition	
Quantity / No. of Sample		: 2 Liter/1Nos.		Analysis Started On : 01/01/2025	
Packing / Seal		: Cap Seal		Analysis Completed On : 07/01/2025	
Type of Container		: Plastic Container		Format No. : 7.8 F-01	
Environmental Condition during the test		25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	26.33	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.015	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

-----End Report-----

This Report is issued under the following terms & Condition:

1. Samples are not drawn by Vasundhara Biosustain Pvt. Ltd, unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implemented.
2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

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Ayushi K Chaturvedi (Quality Manager)



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Page No. 2 of 2

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Reg. Office :

S-404, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002

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Website : www.vasundharaenterprise.in

35

Laboratory :

S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002



# ENVIRONMENTAL MONITORING REPORT

[Period: Feb 2025]

For



**M/S. BEIL Infrastructure Ltd.**

At

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA BIOSUSTAIN PVT LTD**

**Shop No: 306,308, Multilevel Shed: 2,  
Opp.Kanoria Chemical, GIDC,  
Ankleshwar-393002.**





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**Environmental Monitoring Plan**  
**For M/s. BEIL Infrastructure Ltd. (Ankleshwar)**

Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.

**By – Vasundhara Biosustain Pvt Ltd**



Sr. No.	Environmental Component	Parameters	Location	Frequency	Monitoring Carried out in Feb - 2025
1.	Ambient Air Quality Monitoring	PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>x</sub> , NO <sub>x</sub> , Cl <sub>2</sub> , NH <sub>3</sub> , H <sub>2</sub> S, Ozone, Pb, Ni, As, HCL, HC, CO, C <sub>6</sub> H <sub>6</sub> , BaP.	03	Monthly	03
2.	Noise Location	Leq dB(A)	07	Monthly	07
3.	Ground Water Monitoring	Parameters: pH, Color, Conductivity, Turbidity, TSS, TDS, TOC, COD Total Hardness, Total Alkalinity, TKN, Chloride, Sulphate, Nitrate, Lead, Cadmium, Copper, Chromium, Mercury, Nickel, Cyanide, Arsenic, Manganese, Iron, Zinc, Fluoride, Pesticides (Organo Chlorine, Organo Nitrogen, Syntheti Pyrethroid, Carbamates), Calcium, Magnesium, Sodium, Potassium, Phosphate, Ammonical Nitrogen, BOD, Oil And Grease	12	Monthly	12
4.	Surface Water Monitoring	Parameters: pH, Color, Conductivity, Turbidity, TSS, TDS, TOC, COD Total Hardness, Total Alkalinity, TKN, Chloride, Sulphate, Nitrate, Lead, Cadmium, Copper, Chromium, Mercury, Nickel, Cyanide, Arsenic, Manganese, Iron, Zinc, Fluoride, Pesticides (Organo Chlorine, Organo Nitrogen, Syntheti Pyrethroid, Carbamates), Calcium, Magnesium, Sodium, Potassium, Phosphate, Ammonical Nitrogen, BOD, Oil And Grease	05	Quarterly	05
5.	Soil	pH, Conductivity (mmhos/cm), TDS (gm/kg), TOC (%), Analysis By TCLP	07	Quarterly	07



		Fluoride %(W/W), Analysis By TCLP Lead (mg/l), Analysis By TCLP Cadmium (mg/l), Analysis By TCLP Copper (mg/l), Analysis By TCLP Chromium (mg/l), Analysis By TCLP Mercury (mg/l), Analysis By TCLP Nickel (mg/l), Analysis By TCLP Cyanide (mg/l), Analysis By TCLP Arsenic (mg/l), Analysis By TCLP Manganese (mg/l), Analysis By TCLP Zinc (mg/l), Analysis By TCLP PAH (mg/l)			
6.	Stack Monitoring	PM, SO <sub>2</sub> , NO <sub>x</sub> , HCL, Cl <sub>2</sub> , Ammonia (NH <sub>3</sub> ), Hydrocarbon (HC), Hydrogen Sulphide (H <sub>2</sub> S), Carbon Monoxide (CO), Hydrogen Fluoride, (HF), Cd + Th (and its Compounds), Hg (and its Compounds), Lead (Pb), Chromium (Cr), Copper (Cu), Nickel (Ni), Zinc (Zn), Vanadium & Its Compound, Antimony, Arsenic, Manganese, Combustion Efficiency, Carbon Dioxide, Oxygen.	12	Quarterly	05



# 1.0 AMBIENT AIR QUALITY MONITORING REPORT



**[Period: Feb 2025]**

**For**



**M/S. BEIL Infrastructure Ltd.**

**At**

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA BIOSUSTAIN PVT LTD**





## LABORATORY TESTING REPORT

Report No.: VE/AA/202502/0001		Date: 10/02/2025	
URL No.: TC09581250000000122F			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	04/02/2025	Sampling Type : -
Sample Receipt Date	:	04/02/2025	Sample ID : AA/202502/0001
Sampling Location	:	Nr. On the roof of laboratory	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 04/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 05/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM <sub>10</sub>	µg/m <sup>3</sup>	63.5	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	31.7	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	17.6	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	22.3	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl <sub>2</sub> )	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H <sub>2</sub> S)	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	µg/m <sup>3</sup>	12.29	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

*[Signature]*  
Verified By

Ayushi K Chaturvedi (Quality Manager)

*[Signature]*  
Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/AA/202502/0001		Date: 10/02/2025	
URL No.: --			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	04/02/2025	Sampling Type : -
Sample Receipt Date	:	04/02/2025	Sample ID : AA/202502/0001
Sampling Location	:	Nr. On the roof of laboratory	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 04/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 05/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
11.	Arsenic as As	µg/m <sup>3</sup>	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m <sup>3</sup>	0.88	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

-----End Report-----

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
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Ayushi K Chaturvedi (Quality Manager)



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Laboratory: 4

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Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/AA/202501/0002		Date: 10/02/2025	
URL No.: TC09581250000000123F			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	04/02/2025	Sampling Type : -
Sample Receipt Date	:	04/02/2025	Sample ID : AA/202502/0002
Sampling Location	:	Nr. Oppo. of C6CW4 Detox Side	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 04/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 05/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM <sub>10</sub>	µg/m <sup>3</sup>	67.1	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	33.5	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	19.2	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	24.8	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl <sub>2</sub> )	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H <sub>2</sub> S)	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	µg/m <sup>3</sup>	11.08	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

*[Signature]*  
Verified By

Ayushi K Chaturvedi (Quality Manager)



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Website : www.vasundharaenterprise.in

**Laboratory :**

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Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/AA/202502/0002		Date: 10/02/2025	
URL No.: -			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	04/02/2025	Sampling Type : -
Sample Receipt Date	:	04/02/2025	Sample ID : AA/202502/0002
Sampling Location	:	Nr. Oppo. of C6CW4 Detox Side	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 04/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 05/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
11.	Arsenic as As	µg/m <sup>3</sup>	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m <sup>3</sup>	0.9	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

-----End Report-----

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3. Samples shall be stored for the period of 15 days after the date of issue of Report.

Verified By

Ayushi K Chaturvedi (Authorized Signatory Manager)







## LABORATORY TESTING REPORT

Report No.: VE/AA/202502/0003		Date: 10/02/2025	
URL No.: TC09581250000000124F			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	04/02/2025	Sampling Type : -
Sample Receipt Date	:	04/02/2025	Sample ID : AA/202502/0003
Sampling Location	:	Nr. Landfill Phase-4 near Security Tower	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 04/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 05/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM <sub>10</sub>	µg/m <sup>3</sup>	64.8	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	35.2	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	21.1	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	25.4	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl <sub>2</sub> )	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H <sub>2</sub> S)	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	µg/m <sup>3</sup>	14.37	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

Ayushi K Chaturvedi (Quality Manager)

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Website : www.vasundharaenterprise.in

**Laboratory :**

S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/AA/202502/0003		Date: 10/02/2025	
URL No.: -			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	04/02/2025	Sampling Type : -
Sample Receipt Date	:	04/02/2025	Sample ID : AA/202502/0003
Sampling Location	:	Nr. Landfill Phase-4 near Security Tower	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 04/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 05/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
11.	Arsenic as As	µg/m <sup>3</sup>	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m <sup>3</sup>	0.93	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

-----End Report-----

This Report is issued under the following terms & Condition:

1. Samples are not drawn by Vasundhara Biosustain Pvt. Ltd, unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implemented.
2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

*[Signature]*  
Verified By

Ayushi K Chaturvedi (Authorized Signatory)



Page No.: 2 of 2 **Formerly known as "VASUNDHARA ENTERPRISE"**

**Reg. Office :**

S-404, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar – 393002

**Contact:**

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Website : www.vasundharaenterprise.in

**Laboratory :**

S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar – 393002



# 2.0 NOISE LEVEL MONITORING REPORT



**[Period: Feb 2025]**

**For**



**M/S. BEIL Infrastructure Ltd.**

**At**

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA BIOSUSTAIN PVT LTD**





## LABORATORY TESTING REPORT

Report No.: VE/AN/202502/0001	Date:	10/02/2025
URL No.: TC0958125000000101F		
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Ms. Rakesh Patel	
Sample Collection Date	03/02/2025	Sampling Type : Instrument Method
Sample Receipt Date	03/02/2025	Sample ID : AN/202502/0001
Sampling Location	Noise	Sample Description : Noise Monitoring
Sample Collected / Submitted by	VBPL Team	Protocol used for monitoring : IS 9989-1991
Analysis Started On	-	Analysis Completed On : -
Instrument calibration status	Calibrated	Format No. : 7.8 F-07
Meteorological condition during monitoring	Clear Sky	Actual duration of Monitoring, (Minutes) : 30

## Ambient Noise Analysis Results

Sr. No.	Parameter	Day Time	Night Time	Unit	Protocol Used for Analysis
	Permissible Limit	75	70	dB(A)	-
1.	Nr. Main Gate	55.9	46.5	dB(A)	IS 9989-1991
2.	Nr. Incinerator Area	70.5	63.6	dB(A)	IS 9989-1991
3.	Nr. Lab Area	62.8	55.1	dB(A)	IS 9989-1991
4.	Nr. Admin Building	60.3	52.3	dB(A)	IS 9989-1991
5.	Nr. Truck Washing Area	66.1	53.8	dB(A)	IS 9989-1991
6.	Nr. Drum Storage Area	58.9	48.7	dB(A)	IS 9989-1991
7.	Nr. East of Incinerator Area	72.2	63.5	dB(A)	IS 9989-1991

-----End Report-----

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

*[Signature]*  
Verified By

Ayushi K Chaturvedi (Authorized Signatory)

*[Signature]*  
Authorized Signatory

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Website : www.vasundharaenterprise.in

Laboratory :

10  
S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002



# 3.0 WATER QUALITY MONITORING REPORT



**[Period: Feb 2025]**

**For**



**M/S. BEIL Infrastructure Ltd.**

**At**

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA BIOSUSTAIN PVT LTD**





## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0002		Date: 10/02/2025	
URL No.: TC0958125000000089F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	03/02/2025	Sampling Type : Grab
Date of Sample Received	:	03/02/2025	Sample ID : W/202502/0002
Sampling Location	:	HB-1 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 03/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 08/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

### Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	5.7	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	6660	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.62	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	4148	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	36.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	2440	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	392	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.12	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	2149.33	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	183.93	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	2.62	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.90	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	324	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	396.25	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	300	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	5.3	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	10	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

Verified By

Ayushi K Chaturvedi (Manager)



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GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0002		Date: 10/02/2025	
URL No.: --			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	03/02/2025	Sampling Type : Grab
Date of Sample Received	:	03/02/2025	Sample ID : W/202502/0002
Sampling Location	:	HB-1 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 03/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 08/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	4.94	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.103	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

-----End Report-----

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Ayushi K Chaturvedi (Quality Manager)

*(Signature)*  
Verified By



Page No 2 of 2

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**Laboratory :**  
S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0003		Date: 10/02/2025	
URL No.: TC0958125000000090F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	03/02/2025	Sampling Type : Grab
Date of Sample Received	:	03/02/2025	Sample ID : W/202502/0003
Sampling Location	:	HB-2 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 03/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 08/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

### Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol Used for Analysis
1.	pH	-	7.79	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	6.2	APHA 24th Edition 2120 C: 2023
3.	Conductivity	μS/cm	2720	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.66	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1398	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	16.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	920	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	440	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.40	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	574.82	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	185.71	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	2.43	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.64	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	92	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	167.74	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	486	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	6	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	4.4	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

  
Verified By

Ayushi K Chaturvedi (Authorized Signatory)







## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0003		Date: 10/02/2025	
URL No.: -			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	03/02/2025	Sampling Type : Grab
Date of Sample Received	:	03/02/2025	Sample ID : W/202502/0003
Sampling Location	:	HB-2 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 03/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 08/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

### Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	1.82	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.150	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

-----End Report-----

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3. Samples shall be stored for the period of 15 days after the date of issue of Report.

*[Signature]*  
Verified By

Ayushi K Chaturvedi (Manager)







## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0004		Date: 10/02/2025	
URL No.: TC095812500000091F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	03/02/2025	Sampling Type : Grab
Date of Sample Received	:	03/02/2025	Sample ID : W/202502/0004
Sampling Location	:	EB-3 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 03/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 08/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.86	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	21.2	APHA 24th Edition 2120 C: 2023
3.	Conductivity	μS/cm	2300	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.6	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1494	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	20.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	960	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	388	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	694.78	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	200.00	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	3.23	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.85	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	142	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	147.08	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	260	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	6.5	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	5.5	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

Ayushi K Chaturvedi (Quality Manager)

  
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**Laboratory :**  
S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0004	Date:	10/02/2025
URL No.: --		
Customer Name & Address	: M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	: Mr. Rakesh Patel	
Date of Sample Collection	: 03/02/2025	Sampling Type : Grab
Date of Sample Received	: 03/02/2025	Sample ID : W/202502/0004
Sampling Location	: EB-3 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	: VBPL Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	: 2 Liter/1Nos.	Analysis Started On : 03/02/2025
Packing / Seal	: Cap Seal	Analysis Completed On : 08/02/2025
Type of Container	: Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test	25°C ±3 °C	

### Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	2.94	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.036	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

-----End Report-----

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1. Samples are not drawn by Vasundhara Biosustain Pvt. Ltd, unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implemented.
2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

Ayushi K Chaturvedi (Chief Manager)

*[Signature]*  
Verified By

*[Signature]*  
Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0005		Date: 10/02/2025	
URL No.: TC0958125000000092F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	03/02/2025	Sampling Type : Grab
Date of Sample Received	:	03/02/2025	Sample ID : W/202502/0005
Sampling Location	:	HB-4 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 03/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 08/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.65	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	8.2	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	3460	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.55	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1888	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	20.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	1050	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	378	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.12	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	819.75	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	148.39	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	1.88	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	1.08	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	138	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	171.39	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	370	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4.2	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	5.2	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

  
Verified By

Ayushi K Chaturvedi (Manager)







## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0005		Date:		10/02/2025	
URL No.: --					
Customer Name & Address		: M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		: Mr. Rakesh Patel			
Date of Sample Collection		: 03/02/2025		Sampling Type : Grab	
Date of Sample Received		: 03/02/2025		Sample ID : W/202502/0005	
Sampling Location		: HB-4 Down Stream		Sample Description : Ground Water	
Sample Collected / Submitted by		: VBPL Team		Protocol used for : APHA 24 <sup>th</sup> Edition	
Quantity / No. of Sample		: 2 Liter/1Nos.		Analysis Started On : 03/02/2025	
Packing / Seal		: Cap Seal		Analysis Completed On : 08/02/2025	
Type of Container		: Plastic Container		Format No. : 7.8 F-01	
Environmental Condition during the test			25°C ±3 °C		

### Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	2.34	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.046	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

-----End Report-----

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Ayushi K Chaturvedi (Quality Manager)

  
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## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0006		Date:		10/02/2025		
URL No.: TC0958125000000093F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	03/02/2025	Sampling Type	:	Grab
Date of Sample Received		:	03/02/2025	Sample ID	:	W/202502/0006
Sampling Location		:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VBPL Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	03/02/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	08/02/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test				25°C ±3 °C		

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.44	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	18.78	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	5640	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	1.2	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3412	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	28.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	2800	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	410	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.56	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1999.38	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	181.70	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	3.08	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.76	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	300	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	498.36	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	354	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.7	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	7.7	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

Ayushi K Chaturvedi (Manager)

Verified By

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## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0006	Date:	10/02/2025
URL No.: --		
Customer Name & Address	: M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	: Mr. Rakesh Patel	
Date of Sample Collection	: 03/02/2025	Sampling Type : Grab
Date of Sample Received	: 03/02/2025	Sample ID : W/202502/0006
Sampling Location	: EB-4 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	: VBPL Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	: 2 Liter/1Nos.	Analysis Started On : 03/02/2025
Packing / Seal	: Cap Seal	Analysis Completed On : 08/02/2025
Type of Container	: Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test	25°C ±3 °C	

### Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	7.01	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.036	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

### -----End Report-----

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Ayushi K Chaturvedi (Quality Manager)



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Reg. Office:

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Laboratory :

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GIDC, Ankleshwar - 393002





**LABORATORY TESTING REPORT**

LABORATORY TESTING REPORT

Report No.: VE/W/202502/0007		Date: 10/02/2025	
URL No.: TC095812500000094F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	03/02/2025	Sampling Type : Grab
Date of Sample Received	:	03/02/2025	Sample ID : W/202502/0007
Sampling Location	:	HB-5 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 03/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 08/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

**Ground Water Analysis Results**

Sr. No.	Parameter	Unit	Result	Protocol Used for Analysis
1.	pH	-	7.97	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	11.2	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	3020	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	1.1	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1752	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	24.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	1200	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	450	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.96	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	694.78	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	310.27	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	2.71	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.54	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	176	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	184.76	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	356	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	6.1	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	6.5	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

Ayushi K Chaturvedi (Quality Manager)

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GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0007		Date: 10/02/2025	
URL No.: --			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	03/02/2025	Sampling Type : Grab
Date of Sample Received	:	03/02/2025	Sample ID : W/202502/0007
Sampling Location	:	HB-5 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 03/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 08/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

### Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	2.98	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.186	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

-----End Reports-----

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Ayushi K Chaturvedi (Manager)



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Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





**LABORATORY TESTING REPORT**

Report No.: VE/W/202502/0008	Date:	10/02/2025
URL No.: TC095812500000095F		
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Mr. Rakesh Patel	
Date of Sample Collection	03/02/2025	Sampling Type : Grab
Date of Sample Received	03/02/2025	Sample ID : W/202502/0008
Sampling Location	EB-5 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	VBPL Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On : 03/02/2025
Packing / Seal	Cap Seal	Analysis Completed On : 08/02/2025
Type of Container	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test	25°C ±3 °C	

**Ground Water Analysis Results**

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.81	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	14.9	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	4230	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.66	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	2468	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	20.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	1300	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	430	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.68	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1254.61	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	205.80	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	2.31	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.88	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	252	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	162.88	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	350	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4.3	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	5.1	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

Verified By

Ayushi K Chaturvedi (Manager)



Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: : VE/W/202502/0008		Date:		10/02/2025		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	03/02/2025	Sampling Type	:	Grab
Date of Sample Received		:	03/02/2025	Sample ID	:	W/202502/0008
Sampling Location		:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VBPL Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	03/02/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	08/02/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test				25°C ±3 °C		

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	3.3	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.041	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

-----End Reports-----

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1. Samples are not drawn by Vasundhara Biosustain Pvt. Ltd., unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implemented.
2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

Verified By

Ayushi K Chaturvedi (Manager)



Page No. 2 of 2

Formerly known as "VASUNDHARA ENTERPRISE"

**Reg. Office :**

S-404, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002

**Contact:**

Mo.: +91-93136 16978 / 93136 16730  
E-mail : info@vasundharaenterprise.in  
Website : www.vasundharaenterprise.in

**Laboratory :**

S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0009		Date: 10/02/2025	
URL No.: TC0958125000000096F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	03/02/2025	Sampling Type : Grab
Date of Sample Received	:	03/02/2025	Sample ID : W/202502/0009
Sampling Location	:	HB-6 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 03/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 08/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.7	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	17.9	APHA 24th Edition 2120 C: 2023
3.	Conductivity	μS/cm	4060	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.36	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	2303	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	24.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	1500	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	446	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.40	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1044.68	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	207.83	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	3.23	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.97	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	194	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	246.75	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	474	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4.7	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	6.6	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

Verified By

Ayushi K Chaturvedi (Manager)







## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0009		Date:		10/02/2025		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	03/02/2025	Sampling Type	:	Grab
Date of Sample Received		:	03/02/2025	Sample ID	:	W/202502/0009
Sampling Location		:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VBPL Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	03/02/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	08/02/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test				25°C ±3 °C		

### Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	4.31	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.041	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

-----End Report-----

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3. Samples shall be stored for the period of 15 days after the date of issue of Report.

Verified By

Ayushi K Chaturvedi (Manager)







## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0010		Date: 10/02/2025	
URL No.: TC0958125000000097F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	03/02/2025	Sampling Type : Grab
Date of Sample Received	:	03/02/2025	Sample ID : W/202502/0010
Sampling Location	:	HB-7 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 03/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 08/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.61	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	17.2	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	4840	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.48	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	2909	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	36.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	1280	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	380	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1254.61	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	211.99	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	6.71	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.72	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	254	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	156.80	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	558	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.6	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	10	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

Verified By

Ayushi K Chaturvedi (Manager)

Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0010		Date:		10/02/2025		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	03/02/2025	Sampling Type	:	Grab
Date of Sample Received		:	03/02/2025	Sample ID	:	W/202502/0010
Sampling Location		:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VBPL Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	03/02/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	08/02/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test				25°C ±3 °C		

### Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	7.05	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.052	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

-----End Report-----

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*[Signature]*  
Verified By

Ayushi K Chaturvedi (Quality Manager)



**Reg. Office :**

S-404, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar – 393002

**Contact:**

Mo.: +91-93136 16978 / 93136 16730  
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Website : www.vasundharaenterprise.in

**Laboratory :**

S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar – 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0011		Date: 10/02/2025	
URL No.: TC095812500000098F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	03/02/2025	Sampling Type : Grab
Date of Sample Received	:	02/02/2025	Sample ID : W/202502/0011
Sampling Location	:	EB-9 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 03/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 08/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.8	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	5	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	3360	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.34	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	2002	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	24.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	2000	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	362	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.12	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	889.72	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	198.02	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	5.23	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.39	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	152	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	393.82	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	388	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	6.2	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	BioChemical Oxygen Demand @ 27 °C for 3 Days	mg/L	6.3	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory  
30





## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0011	Date:	10/02/2025
URL No.: --		
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Mr. Rakesh Patel	
Date of Sample Collection	03/02/2025	Sampling Type : Grab
Date of Sample Received	02/02/2025	Sample ID : W/202502/0011
Sampling Location	EB-9 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	VBPL Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On : 03/02/2025
Packing / Seal	Cap Seal	Analysis Completed On : 08/02/2025
Type of Container	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test	25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	5.46	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.052	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

-----End Report-----

This Report is issued under the following terms & Condition:

1. Samples are not drawn by Vasundhara Biosustain Pvt. Ltd, unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implemented.
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*[Signature]*  
Verified By

Ayushi K Chaturvedi (Client Manager)



Authorized Signatory

Page No 2 of 2

Formerly known as "VASUNDHARA ENTERPRISE"

Reg. Office :

S-404, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002

Contact:

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E-mail : info@vasundharaenterprise.in  
Website : www.vasundharaenterprise.in

Laboratory :

S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0012		Date:		10/02/2025
URL No.: TC095812500000099F				
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.		
Contact Person	:	Mr. Rakesh Patel		
Date of Sample Collection	:	03/02/2025	Sampling Type	: Grab
Date of Sample Received	:	03/02/2025	Sample ID	: W/202502/0012
Sampling Location	:	EB-10 Up Stream	Sample Description	: Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	: APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	: 03/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	: 08/02/2025
Type of Container	:	Plastic Container	Format No.	: 7.8 F-01
Environmental Condition during the test		25°C ±3 °C		

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.93	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	2.2	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2710	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.36	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1633	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	20.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	1000	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	420	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.40	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	874.73	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	209.91	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	1.17	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.85	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	106	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	178.68	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	444	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	12	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	5.5	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

Ayushi K Chaturvedi (Lab Manager)

Verified By



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## LABORATORY TESTING REPORT

Report No.: : VE/W/202502/0012		Date: 10/02/2025	
URL No.: --			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	03/02/2025	Sampling Type : Grab
Date of Sample Received	:	03/02/2025	Sample ID : W/202502/0012
Sampling Location	:	EB-10 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 03/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 08/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	1.49	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.108	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

-----End Report-----

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

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Ayushi K Chaturvedi (Quality Manager)



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Formerly known as "VASUNDHARA ENTERPRISE"

**Reg. Office :**

S-404, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002

**Contact:**

Mo.: +91-93136 16978 / 93136 16730  
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Website : www.vasundharaenterprise.in

**Laboratory :**

S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

LABORATORY TESTING REPORT

Report No.: VE/W/202502/0013				Date:	10/02/2025
URL No.: TC0958125000000100F					
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	03/02/2025	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2025	Sample ID	:	W/202502/0013
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	03/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	08/02/2025
Type of Container	:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C		

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.15	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	18.25	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	6860	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.8	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	5	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3782	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	68.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	3000	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	428	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	2.24	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1824.43	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	333.93	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	12.89	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	1.32	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	386	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	494.71	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	502	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	2.7	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	18.8	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

Verified By

Ayushi K Chaturvedi (Manager)



Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0013		Date: 10/02/2025	
URL No.: --			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	03/02/2025	Sampling Type : Grab
Date of Sample Received	:	03/02/2025	Sample ID : W/202502/0013
Sampling Location	:	EB-11 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 03/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 08/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	25.22	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.031	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

-----End Report-----

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*(Signature)*  
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Ayushi K Chaturvedi (Quality Manager)



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**Reg. Office:**  
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**Contact:**  
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Website : www.vasundharaenterprise.in

**Laboratory:**  
S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0014		Date: 10/02/2025	
URL No.: TC0958124000000109F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	04/02/2025	Sampling Type : Grab
Date of Sample Received	:	04/02/2025	Sample ID : W/202502/0014
Sampling Location	:	Jitali Navinagari	Sample Description : Surface Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 04/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 10/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.01	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	6.4	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3054	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.54	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	4	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1700	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	20.00	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	620	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	390	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.7	mg/L	APHA 24th Edition 4500- Norg B : 2022
11.	Chloride (as Cl)	534.83	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	106.07	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	0.62	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.40	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	148	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	60.78	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	120	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.8	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	5.50	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

*(Signature)*  
Verified By

Ayushi K Chaturvedi (Manager)







## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0014		Date: 10/02/2025	
URL No.: --			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	04/02/2025	Sampling Type : Grab
Date of Sample Received	:	04/02/2025	Sample ID : W/202502/0014
Sampling Location	:	Jitali Navinagari	Sample Description : Surface Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 04/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 10/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

### Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	1.73	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

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Ayushi K Chaturvedi (Manager)



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Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0015		Date: 10/02/2025	
URL No.: TC0958124000000110F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	04/02/2025	Sampling Type : Grab
Date of Sample Received	:	04/02/2025	Sample ID : W/202502/0015
Sampling Location	:	Jitali Grampanchayat	Sample Description : Surface Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 04/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 10/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.03	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	6.9	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	2571	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.6	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	3	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1440	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	16.00	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	640	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	330	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	419.87	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	136.16	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	0.74	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.32	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	144	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	68.07	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	230	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	5.2	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	5.10	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0015			Date: 10/02/2025			
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/02/2025	Sampling Type	:	Grab
Date of Sample Received		:	04/02/2025	Sample ID	:	W/202502/0015
Sampling Location		:	Jitali Grampanchayat	Sample Description	:	Surface Water
Sample Collected / Submitted by		:	VBPL Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/02/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	10/02/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test				25°C ±3 °C		

### Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	2.53	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

*[Signature]*  
Verified By

Ayushi K Chaturvedi (Quality Manager)



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Page No 2 of 2  
Reg. Office:  
S-404, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002

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Website: www.vasundharaenterprise.in

Laboratory:  
S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0016		Date: 10/02/2025	
URL No.: TC0958124000000111F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	04/02/2025	Sampling Type : Grab
Date of Sample Received	:	04/02/2025	Sample ID : W/202502/0016
Sampling Location	:	CM Tank	Sample Description : Surface Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 04/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 10/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.2	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	8.4	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	6461	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.76	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	4	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3602	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	24.00	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	1500	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	350	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.28	mg/L	APHA 24th Edition 4500- Norg B : 2022
11.	Chloride (as Cl)	1049.67	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	358.04	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	10.03	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.36	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	304	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	179.89	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	322	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.9	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	8.00	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

  
Verified By

Ayushi K Chaturvedi (Quality Manager)

  
Authorized Signatory



## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0016			Date: 10/02/2025			
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/02/2025	Sampling Type	:	Grab
Date of Sample Received		:	04/02/2025	Sample ID	:	W/202502/0016
Sampling Location		:	CM Tank	Sample Description	:	Surface Water
Sample Collected / Submitted by		:	VBPL Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/02/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	10/02/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

### Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	15.5	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.057	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

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3. Samples shall be stored for the period of 15 days after the date of issue of Report.

  
 Verified By

Ayushi K Chaturvedi (Manager)

  
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Page No 2 of 2  
Reg. Office:  
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Laboratory: 41  
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Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0017		Date: 10/02/2025	
URL No.: TC0958124000000112F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	04/02/2025	Sampling Type : Grab
Date of Sample Received	:	04/02/2025	Sample ID : W/202502/0017
Sampling Location	:	GNFC Pond	Sample Description : Surface Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 04/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 10/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.21	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	8.2	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	312.5	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.46	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	2	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1735	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	12.00	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	160	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	130	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.98	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	23.49	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	117.68	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	1.11	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	BDL<0.2	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	52	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	31.60	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	22	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	2.6	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	4.00	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0017			Date: 10/02/2025			
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/02/2025	Sampling Type	:	Grab
Date of Sample Received		:	04/02/2025	Sample ID	:	W/202502/0017
Sampling Location		:	GNFC Pond	Sample Description	:	Surface Water
Sample Collected / Submitted by		:	VBPL Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/02/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	10/02/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test				25°C ±3 °C		

### Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	1.86	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.072	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

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Ayushi K Chaturvedi (Plant Manager)



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**Laboratory :**  
S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0018		Date: 10/02/2025	
URL No.: TC0958124000000131F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	04/02/2025	Sampling Type : Grab
Date of Sample Received	:	04/02/2025	Sample ID : W/202502/0018
Sampling Location	:	GIDC Pond	Sample Description : Surface Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 04/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 10/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	8.1	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	4.2	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	302.3	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.52	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	2	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	366	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	BDL<4.0	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	120	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	145	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.66	mg/L	APHA 24th Edition 4500- Norg B : 2022
11.	Chloride (as Cl)	25.99	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	25.00	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	1.02	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	BDL<0.2	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	32	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	9.72	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	16	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	2	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	BDL<2	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Verified By 

Ayushi K Chaturvedi (Quality Manager)







## LABORATORY TESTING REPORT

Report No.: VE/W/202502/0018		Date:		10/02/2025		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/02/2025	Sampling Type	:	Grab
Date of Sample Received		:	04/02/2025	Sample ID	:	W/202502/0018
Sampling Location		:	GIDC Pond	Sample Description	:	Surface Water
Sample Collected / Submitted by		:	VBPL Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/02/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	10/02/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	3.89	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

-----End Report-----

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3. Samples shall be stored for the period of 15 days after the date of issue of Report.

Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Signatory

**Reg. Office :**

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**Laboratory :**

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Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002



# 4.0 SOIL QUALITY MONITORING REPORT



**[Period: Feb 2025]**

**For**



**M/S. BEIL Infrastructure Ltd.**

**At**

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA BIOSUSTAIN PVT LTD**





### LABORATORY TESTING REPORT

Report No.: VE/S/202502/0001		Date:		10/02/2025
URL No.: TC0958125000000114F				
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.		
Contact Person	:	Mr. Rakesh Patel		
Date of Sample Collection	:	04/02/2025	Sampling Type	: Composite
Date of Sample Received	:	04/02/2025	Sample ID	: S/202502/0001
Sampling Location	:	Near HB-7	Sample Description	: Soil
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	: SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On	: 04/02/2025
Packing / Seal	:	Seal Pack	Analysis Completed On	: 08/02/2025
Type of Container	:	Plastic Bag	Format No.	: 7.8 F-04
Environmental Condition during the test		25°C ±3 °C		

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	8.07	-	IS 2720 (Part 26) : 1987
2.	Conductivity	371	μS/cm	IS: 14767: 2000

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Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/S/202502/0001	Date:	10/02/2025
URL No.: --		
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Mr. Rakesh Patel	
Date of Sample Collection	04/02/2025	Sampling Type : Composite
Date of Sample Received	04/02/2025	Sample ID : S/202502/0001
Sampling Location	Near HB-7	Sample Description : Soil
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	2 Kg/1 Nos.	Analysis Started On : 04/02/2025
Packing / Seal	Seal Pack	Analysis Completed On : 08/02/2025
Type of Container	Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test	25°C ± 3 °C	

## Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	0.06	mg/L	APHA 24th Edi. 3111 PbB : 2022
4.	Cadmium as Cd by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cd B : 2022
5.	Copper as Cu by TCLP	0.26	mg/L	APHA 24th Edi. 3111 Cu B : 2022
6.	Chromium as Cr by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cr B : 2022
7.	Nickel as Ni by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Ni B : 2022
8.	Arsenic as As by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3114 As B : 2022
9.	Manganese as Mn by TCLP	9.25	mg/L	APHA 24th Edi. 3111 Mn B : 2022
10.	Zinc as Zn by TCLP	0.51	mg/L	APHA 24th Edi. 3111 Zn B : 2022
11.	TDS by TCLP	281	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	0.78	%	IS 2720 (Part 22) : 1972
13.	Fluoride	1.36	mg/L	APHA 24th Edi. 4500 F- B&D:2022
14.	Mercury as Hg by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3112 Hg B : 2022
15.	Cyanide as CN	BDL<0.02	mg/L	APHA 24th Edi. 4500- CN- B & E: 2022
16.	PAH	ND	mg/L	EPA Method : 610

## End Report

This Report is issued under the following terms & Condition:

- Samples are not drawn by Vasundhara Biosustain Pvt. Ltd., unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implemented.
- The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
- Samples shall be stored for the period of 15 days after the date of issue of Report.

*[Signature]*  
Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Laboratory





## LABORATORY TESTING REPORT

Report No.: VE/S/202502/0002		Date: 10/02/2025	
URL No.: TC0958124000000115F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	04/02/2025	Sampling Type : Composite
Date of Sample Received	:	04/02/2025	Sample ID : S/202502/0002
Sampling Location	:	B/H Shead No.-07	Sample Description : Soil
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On : 04/02/2025
Packing / Seal	:	Seal Pack	Analysis Completed On : 08/02/2025
Type of Container	:	Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	7.58	-	IS 2720 (Part 26) : 1987
2.	Conductivity	2130	µS/cm	IS: 14767: 2000

Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/S/202502/0002		Date: 10/02/2025	
URL No.: --			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	04/02/2025	Sampling Type : Composite
Date of Sample Received	:	04/02/2025	Sample ID : S/202502/0002
Sampling Location	:	B/H Shead No.-07	Sample Description : Soil
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On : 04/02/2025
Packing / Seal	:	Seal Pack	Analysis Completed On : 08/02/2025
Type of Container	:	Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	0.08	mg/L	APHA 24th Edi. 3111 PbB : 2022
4.	Cadmium as Cd by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cd B : 2022
5.	Copper as Cu by TCLP	0.51	mg/L	APHA 24th Edi. 3111 Cu B : 2022
6.	Chromium as Cr by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cr B : 2022
7.	Nickel as Ni by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Ni B : 2022
8.	Arsenic as As by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3114 As B : 2022
9.	Manganese as Mn by TCLP	10.94	mg/L	APHA 24th Edi. 3111 Mn B : 2022
10.	Zinc as Zn by TCLP	0.77	mg/L	APHA 24th Edi. 3111 Zn B : 2022
11.	TDS by TCLP	1343	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	0.65	%	IS 2720 (Part 22) : 1972
13.	Fluoride	1.28	mg/L	APHA 24th Edi. 4500 F- B&D:2022
14.	Mercury as Hg by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3112 Hg B : 2022
15.	Cyanide as CN	BDL<0.02	mg/L	APHA 24th Edi. 4500- CN- B & E: 2022
16.	PAH	ND	mg/L	EPA Method : 610

### -----End Report-----

This Report is issued under the following terms & Condition:

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

*A. Patel*  
Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/S/202502/0003		Date:		10/02/2025	
URL No.: TC0958124000000116F					
Customer Name & Address		: <b>M/s. BEIL Infrastructure Ltd.</b> Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		: Mr. Rakesh Patel			
Date of Sample Collection		: 04/02/2025		Sampling Type : Composite	
Date of Sample Received		: 04/02/2025		Sample ID : S/202502/0003	
Sampling Location		: Near Incinerator Plant		Sample Description : Soil	
Sample Collected / Submitted by		: VBPL Team		Protocol used for Sampling : SOP Based	
Quantity / No. of Sample		: 2 Kg/1 Nos.		Analysis Started On : 04/02/2025	
Packing / Seal		: Seal Pack		Analysis Completed On : 08/02/2025	
Type of Container		: Plastic Bag		Format No. : 7.8 F-04	
Environmental Condition during the test		25°C ±3 °C			

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	7.52	-	IS 2720 (Part 26) : 1987
2.	Conductivity	3230	µS/cm	IS: 14767: 2000

Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/S/202502/0003		Date: 10/02/2025	
URL No.: --			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	04/02/2025	Sampling Type : Composite
Date of Sample Received	:	04/02/2025	Sample ID : S/202502/0003
Sampling Location	:	Near Incinerator Plant	Sample Description : Soil
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On : 04/02/2025
Packing / Seal	:	Seal Pack	Analysis Completed On : 08/02/2025
Type of Container	:	Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

## Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	0.09	mg/L	APHA 24th Edi. 3111 PbB : 2022
4.	Cadmium as Cd by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cd B : 2022
5.	Copper as Cu by TCLP	0.42	mg/L	APHA 24th Edi. 3111 Cu B : 2022
6.	Chromium as Cr by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cr B : 2022
7.	Nickel as Ni by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Ni B : 2022
8.	Arsenic as As by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3114 As B : 2022
9.	Manganese as Mn by TCLP	9.05	mg/L	APHA 24th Edi. 3111 Mn B: 2022
10.	Zinc as Zn by TCLP	0.46	mg/L	APHA 24th Edi. 3111 Zn B : 2022
11.	TDS by TCLP	2780	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	0.7	%	IS 2720 (Part 22) : 1972
13.	Fluoride	0.76	mg/L	APHA 24th Edi. 4500 F- B&D:2022
14.	Mercury as Hg by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3112 Hg B : 2022
15.	Cyanide as CN	BDL<0.02	mg/L	APHA 24th Edi. 4500- CN- B & E: 2022
16.	PAH	ND	mg/L	EPA Method : 610

## End Report

This Report is issued under the following terms & Condition:

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

*Alate*  
Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/S/202502/0004		Date: 10/02/2025	
URL No.: TC0958124000000117F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	04/02/2025	Sampling Type : Composite
Date of Sample Received	:	04/02/2025	Sample ID : S/202502/0004
Sampling Location	:	Near Industrial Solvent	Sample Description : Soil
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On : 04/02/2025
Packing / Seal	:	Seal Pack	Analysis Completed On : 08/02/2025
Type of Container	:	Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	7.86	-	IS 2720 (Part 26) : 1987
2.	Conductivity	372	µS/cm	IS: 14767: 2000

Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/S/202502/0004			Date:		10/02/2025
URL No.: --					
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.		
Contact Person		:	Mr. Rakesh Patel		
Date of Sample Collection		:	04/02/2025	Sampling Type	: Composite
Date of Sample Received		:	04/02/2025	Sample ID	: S/202502/0004
Sampling Location		:	Near Industrial Solvent	Sample Description	: Soil
Sample Collected / Submitted by		:	VBPL Team	Protocol used for Sampling	: SOP Based
Quantity / No. of Sample		:	2 Kg/1 Nos.	Analysis Started On	: 04/02/2025
Packing / Seal		:	Seal Pack	Analysis Completed On	: 08/02/2025
Type of Container		:	Plastic Bag	Format No.	: 7.8 F-04
Environmental Condition during the test			25°C ±3 °C		

## Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	0.03	mg/L	APHA 24th Edi. 3111 PbB : 2022
4.	Cadmium as Cd by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cd B : 2022
5.	Copper as Cu by TCLP	0.26	mg/L	APHA 24th Edi. 3111 Cu B : 2022
6.	Chromium as Cr by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cr B : 2022
7.	Nickel as Ni by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Ni B : 2022
8.	Arsenic as As by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3114 As B : 2022
9.	Manganese as Mn by TCLP	5.36	mg/L	APHA 24th Edi. 3111 Mn B : 2022
10.	Zinc as Zn by TCLP	0.35	mg/L	APHA 24th Edi. 3111 Zn B : 2022
11.	TDS by TCLP	350	mg/L	APHA 24th Edition 2540- C : 2022
12.	TOC	0.43	%	IS 2720 (Part 22) : 1972
13.	Fluoride	0.51	mg/L	APHA 24th Edi. 4500 F- B&D:2022
14.	Mercury as Hg by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3112 Hg B : 2022
15.	Cyanide as CN	BDL<0.02	mg/L	APHA 24th Edi. 4500- CN- B & E : 2022
16.	PAH	ND	mg/L	EPA Method : 610

-----End Report-----

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3. Samples shall be stored for the period of 15 days after the date of issue of Report.

*[Signature]*  
Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/S/202502/0006		Date: 10/02/2025	
URL No.: TC0958124000000119F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	04/02/2025	Sampling Type : Composite
Date of Sample Received	:	04/02/2025	Sample ID : S/202502/0006
Sampling Location	:	Near Landfill	Sample Description : Soil
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On : 04/02/2025
Packing / Seal	:	Seal Pack	Analysis Completed On : 08/02/2025
Type of Container	:	Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	7.94	-	IS 2720 (Part 26) : 1987
2.	Conductivity	1626	µS/cm	IS: 14767: 2000

Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/S/202502/0006		Date: 10/02/2025	
URL No.: --			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	04/02/2025	Sampling Type : Composite
Date of Sample Received	:	04/02/2025	Sample ID : S/202502/0006
Sampling Location	:	Near Landfill	Sample Description : Soil
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On : 04/02/2025
Packing / Seal	:	Seal Pack	Analysis Completed On : 08/02/2025
Type of Container	:	Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

## Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	0.05	mg/L	APHA 24th Edi. 3111 PbB : 2022
4.	Cadmium as Cd by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cd B : 2022
5.	Copper as Cu by TCLP	0.38	mg/L	APHA 24th Edi. 3111 Cu B : 2022
6.	Chromium as Cr by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cr B : 2022
7.	Nickel as Ni by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Ni B : 2022
8.	Arsenic as As by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3114 As B : 2022
9.	Manganese as Mn by TCLP	7.64	mg/L	APHA 24th Edi. 3111 Mn B : 2022
10.	Zinc as Zn by TCLP	0.49	mg/L	APHA 24th Edi. 3111 Zn B : 2022
11.	TDS by TCLP	741	mg/L	APHA 24th Edition 2540- C : 2022
12.	TOC	0.75	%	IS 2720 (Part 22) : 1972
13.	Fluoride	0.92	mg/L	APHA 24th Edi. 4500 F- B&D:2022
14.	Mercury as Hg by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3112 Hg B : 2022
15.	Cyanide as CN	BDL<0.02	mg/L	APHA 24th Edi. 4500- CN- B & E: 2022
16.	PAH	ND	mg/L	EPA Method : 610

## End Report

This Report is issued under the following terms & Condition:

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3. Samples shall be stored for the period of 15 days after the date of issue of Report.

*(Signature)*  
Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Signatory





**LABORATORY TESTING REPORT**

Report No.: VE/S/202502/0007		Date: 10/02/2025	
URL No.: TC0958124000000120F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	04/02/2025	Sampling Type : Composite
Date of Sample Received	:	04/02/2025	Sample ID : S/202502/0007
Sampling Location	:	Stabilization Area	Sample Description : Soil
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On : 04/02/2025
Packing / Seal	:	Seal Pack	Analysis Completed On : 08/02/2025
Type of Container	:	Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

**Test Results**

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	7.99	-	IS 2720 (Part 26) : 1987
2.	Conductivity	2220	µS/cm	IS: 14767: 2000

  
Verified By

Ayushi K Chaturvedi (Quality Manager)  
  
Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/S/202502/0007	Date:	10/02/2025
URL No.: --		
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Mr. Rakesh Patel	
Date of Sample Collection	04/02/2025	Sampling Type : Composite
Date of Sample Received	04/02/2025	Sample ID : S/202502/0007
Sampling Location	Stabilization Area	Sample Description : Soil
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	2 Kg/1 Nos.	Analysis Started On : 04/02/2025
Packing / Seal	Seal Pack	Analysis Completed On : 08/02/2025
Type of Container	Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test	25°C ±3 °C	

## Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	0.07	mg/L	APHA 24th Edi. 3111 PbB : 2022
4.	Cadmium as Cd by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cd B : 2022
5.	Copper as Cu by TCLP	0.22	mg/L	APHA 24th Edi. 3111 Cu B : 2022
6.	Chromium as Cr by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cr B : 2022
7.	Nickel as Ni by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Ni B : 2022
8.	Arsenic as As by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3114 As B : 2022
9.	Manganese as Mn by TCLP	10.8	mg/L	APHA 24th Edi. 3111 Mn B : 2022
10.	Zinc as Zn by TCLP	0.31	mg/L	APHA 24th Edi. 3111 Zn B : 2022
11.	TDS by TCLP	1256	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	0.66	%	IS 2720 (Part 22) : 1972
13.	Fluoride	0.64	mg/L	APHA 24th Edi. 4500 F- B&D:2022
14.	Mercury as Hg by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3112 Hg B : 2022
15.	Cyanide as CN	BDL<0.02	mg/L	APHA 24th Edi. 4500- CN- B & E: 2022
16.	PAH	ND	mg/L	EPA Method : 610

## -----End Report-----

This Report is issued under the following terms & Condition:

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3. Samples shall be stored for the period of 15 days after the date of issue of Report.

*[Signature]*  
Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/S/202502/0008		Date: 10/02/2025	
URL No.: TC0958124000000121F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	04/02/2025	Sampling Type : Composite
Date of Sample Received	:	04/02/2025	Sample ID : S/202502/0008
Sampling Location	:	HB-1 / Behind Lab	Sample Description : Soil
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On : 04/02/2025
Packing / Seal	:	Seal Pack	Analysis Completed On : 08/02/2025
Type of Container	:	Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	7.92	-	IS 2720 (Part 26) : 1987
2.	Conductivity	933	µS/cm	IS: 14767: 2000

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory





### LABORATORY TESTING REPORT

Report No.: VE/S/202502/0008		Date: 10/02/2025	
URL No.: --			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	04/02/2025	Sampling Type : Composite
Date of Sample Received	:	04/02/2025	Sample ID : S/202502/0008
Sampling Location	:	HB-1 / Behind Lab	Sample Description : Soil
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On : 04/02/2025
Packing / Seal	:	Seal Pack	Analysis Completed On : 08/02/2025
Type of Container	:	Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	0.04	mg/L	APHA 24th Edi. 3111 PbB : 2022
4.	Cadmium as Cd by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cd B : 2022
5.	Copper as Cu by TCLP	0.3	mg/L	APHA 24th Edi. 3111 Cu B : 2022
6.	Chromium as Cr by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cr B : 2022
7.	Nickel as Ni by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Ni B : 2022
8.	Arsenic as As by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3114 As B : 2022
9.	Manganese as Mn by TCLP	8.89	mg/L	APHA 24th Edi. 3111 Mn B : 2022
10.	Zinc as Zn by TCLP	0.44	mg/L	APHA 24th Edi. 3111 Zn B : 2022
11.	TDS by TCLP	543	mg/L	APHA 24th Edition 2540- C : 2022
12.	TOC	0.71	%	IS 2720 (Part 22) : 1972
13.	Fluoride	1.32	mg/L	APHA 24th Edi. 4500 F- B&D:2022
14.	Mercury as Hg by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3112 Hg B : 2022
15.	Cyanide as CN	BDL<0.02	mg/L	APHA 24th Edi. 4500- CN- B & E : 2022
16.	PAH	ND	mg/L	EPA Method : 610

### End Report

This Report is issued under the following terms & Condition:

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

*A. Patel*  
Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

Page No. 2 of 2

Reg. Office:  
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Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002

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Laboratory: 59  
S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002



# 5.0 STACK MONITORING REPORT



**[Period: Feb 2025]**

**For**



**M/S. BEIL Infrastructure Ltd.**

**At**

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA BIOSUSTAIN PVT LTD**





## LABORATORY TESTING REPORT

Report No.: VE/PE/202502/0001		Date: 10/02/2025	
URL No.: TC0958125000000102F			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	03/02/2025	Sampling Type : Isokinetic Sampling
Sample Receipt Date	:	03/02/2025	Sample ID : PE/202502/0001
Sampling Location	:	Landfillable Waste Stabilization area Scrubber (Shed No. 11)	Sample Description : Process Emission
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring : IS 11255
Quantity / No. of Sample	:	1 No. Of Thimble + Scrubbing Absorbing Media/Each	Analysis Started On : 03/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 04/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-06
Meteorological conditions during monitoring	:	Clear Sky	Sampling Duration (Minute) : 60 Minute
Ambient Temperature °C	:	27.3	Stack Temperature °C : 65
Stack Kit Sr. No.	:	2002060268	Date Of Issue : 27/12/2024
Calibration Certificates No.	:	ENP2312261327-S	Due Date : 26/12/2025
Environmental Condition during the test		25°C ±3 °C	

## Stack Emission Analysis Results

Sr. No.	Parameter	Result	GPCB Limit	Unit	Protocol used for Analysis
1.	Average Velocity	7.5	--	m/s	IS 11255 (Part 3), 2008
2.	Particulate Matter as PM	31.8	150	mg/Nm <sup>3</sup>	IS 11255 (Part 01): 1985

Verified By

Ayushi K Chaturvedi (Quality Manager)  
  
Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/PE/202502/0001			Date: 10/02/2025	
URL No.: -				
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.		
Contact Person	:	Mr. Rakesh Patel		
Sample Collection Date	:	03/02/2025	Sampling Type	: Isokinetic Sampling
Sample Receipt Date	:	03/02/2025	Sample ID	: PE/202502/0001
Sampling Location	:	Landfillable Waste Stabilization area Scrubber (Shed No. 11)	Sample Description	: Process Emission
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	: IS 11255
Quantity / No. of Sample	:	1 No. Of Thimble + Scrubbing Absorbing Media/Each	Analysis Started On	: 03/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	: 04/02/2025
Type of Container	:	Plastic Container	Format No.	: 7.8 F-06
Meteorological conditions during monitoring	:	Clear Sky	Sampling Duration (Minute)	: 60 Minute
Ambient Temperature °C	:	27.3	Stack Temperature °C	: 65
Stack Kit Sr. No.	:	2002060268	Date Of Issue	: 27/12/2024
Calibration Certificates No.	:	ENP2312261327-S	Due Date	: 26/12/2025
Environmental Condition during the test			25°C ±3 °C	

## Stack Emission Analysis Results

Sr. No.	Parameter	Result	GPCB Limit	Unit	Protocol used for Analysis
3.	Hydrochloric Acid as HCL	BDL<1.0	20	mg/Nm3	USEPA 26 A

-----End Report-----

This Report is issued under the following terms & Condition:

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

  
Verified By

Ayushi K Chaturvedi (Quality Manager)  
  
Authorized Signatory





### LABORATORY TESTING REPORT

Report No.: VE/PE/202502/0002		Date: 10/02/2025	
URL No.: TC0958125000000103F			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	03/02/2025	Sampling Type : Isokinetic Sampling
Sample Receipt Date	:	03/02/2025	Sample ID : PE/202502/0002
Sampling Location	:	PIT Mixing Scrubber Area	Sample Description : Process Emission
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring : IS 11255
Quantity / No. of Sample	:	1 No. Of Thimble + Scrubbing Absorbing Media/Each	Analysis Started On : 03/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 04/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-06
Meteorological conditions during monitoring	:	Clear Sky	Sampling Duration (Minute) : 60 Minute
Ambient Temperature °C	:	27.1	Stack Temperature °C : 51
Stack Kit Sr. No.	:	2002060268	Date Of Issue : 27/12/2024
Calibration Certificates No.	:	ENP2312261327-S	Due Date : 26/12/2025
Environmental Condition during the test		25°C ±3 °C	

### Stack Emission Analysis Results

Sr. No.	Parameter	Result	GPCB Limit	Unit	Protocol used for Analysis
1.	Average Velocity	7.7	--	m/s	IS 11255 (Part 3), 2008
2.	Particulate Matter as PM	33.6	150	mg/Nm <sup>3</sup>	IS 11255 (Part 01): 1985

  
Verified By

Ayushi K Chaturvedi (Quality Manager)







## LABORATORY TESTING REPORT

Report No.: VE/PE/202502/0002		Date: 10/02/2025	
URL No.: -			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	03/02/2025	Sampling Type : Isokinetic Sampling
Sample Receipt Date	:	03/02/2025	Sample ID : PE/202502/0002
Sampling Location	:	PIT Mixing Scrubber Area	Sample Description : Process Emission
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring : IS 11255
Quantity / No. of Sample	:	1 No. Of Thimble + Scrubbing Absorbing Media/Each	Analysis Started On : 03/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 04/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-06
Meteorological conditions during monitoring	:	Clear Sky	Sampling Duration (Minute) : 60 Minute
Ambient Temperature °C	:	27.1	Stack Temperature °C : 51
Stack Kit Sr. No.	:	2002060268	Date Of Issue : 27/12/2024
Calibration Certificates No.	:	ENP2312261327-S	Due Date : 26/12/2025
Environmental Condition during the test		25°C ±3 °C	

### Stack Emission Analysis Results

Sr. No.	Parameter	Result	GPCB Limit	Unit	Protocol used for Analysis
3.	Hydrochloric Acid as HCL	BDL<0.1	20	mg/Nm3	USEPA 26 A

-----End Report-----

This Report is issued under the following terms & Condition:

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

*[Signature]*  
Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/PE/202502/0004	Date:	10/02/2025
URL No.: TC0958125000000105F		
Name & Address of Customer	: M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	: Mr. Rakesh Patel	
Sample Collection Date	: 03/02/2025	Sampling Type : Isokinetic Sampling
Sample Receipt Date	: 03/02/2025	Sample ID : PE/202502/0004
Sampling Location	: SPD Stack MEE Plant	Sample Description : Process Emission
Sample Collected / Submitted by	: VBPL Team	Protocol used for monitoring : IS 11255
Quantity / No. of Sample	: 1 No. Of Thimble/Each	Analysis Started On : 03/02/2025
Packing / Seal	: Cap Seal	Analysis Completed On : 03/02/2025
Type of Container	: Plastic Container	Format No. : 7.8 F-06
Meteorological conditions during monitoring	: Clear Sky	Sampling Duration (Minute) : 60 Minute
Ambient Temperature °C	: 26.6	Stack Temperature °C : 80
Stack Kit Sr. No.	: 2002060268	Date Of Issue : 27/12/2024
Calibration Certificates No.	: ENP2312261327-S	Due Date : 26/12/2025
Environmental Condition during the test	25°C ±3 °C	

## Stack Emission Analysis Results

Sr. No.	Parameter	Result	GPCB Limit	Unit	Protocol used for Analysis
1.	Average Velocity	7.4	--	m/s	IS 11255 (Part 3), 2008
2.	Particulate Matter as PM	56.3	150	mg/Nm <sup>3</sup>	IS 11255 (Part 01): 1985

-----End Report-----

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3. Pvt. Ltd.
4. Samples shall be stored for the period of 15 days after the date of issue of Report.

Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Signatory

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65

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Laboratory :

S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/SE/202502/0001		Date: 10/02/2025	
URL No.: TC0958125000000106F			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	04/02/2025	Sampling Type : Isokinetic Sampling
Sample Receipt Date	:	04/02/2025	Sample ID : SE/202502/0001
Sampling Location	:	DG Set 1 (975 KWA)	Sample Description : Stack Emission
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring : IS 11255
Quantity / No. of Sample	:	1 No. Of Thimble + Scrubbing Absorbing Media/Each	Analysis Started On : 04/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 05/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-06
Meteorological conditions during monitoring	:	Clear Sky	Sampling Duration (Minute) : 60 Minute
Ambient Temperature °C	:	27.3	Stack Temperature °C : 121
Stack Kit Sr. No.	:	2002060268	Date Of Issue : 27/12/2024
Calibration Certificates No.	:	ENP2312261327-S	Due Date : 26/12/2025
Environmental Condition during the test		25°C ±3 °C	

### Stack Emission Analysis Results

Sr. No.	Parameter	Result	GPCB Limit	Unit	Protocol used for Analysis
1.	Average Velocity	6.8	--	m/s	IS 11255 (Part 3), 2008
2.	Particulate Matter as PM	60.4	150	mg/Nm <sup>3</sup>	IS 11255 (Part 01): 1985
3.	Sulphur Dioxide as SO <sub>2</sub>	12.7	100	ppm	IS 11255 (Part 02): 1985
4.	Oxides of Nitrogen as NO <sub>x</sub>	9.5	50	ppm	IS 11255 (Part 07): 2005

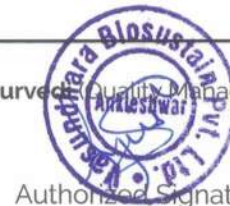
-----End Report-----

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Laboratory :

S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





**LABORATORY TESTING REPORT**

Report No.: VE/SE/202502/0002		Date: 10/02/2025	
URL No.: TC0958125000000107F			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	04/02/2025	Sampling Type : Isokinetic Sampling
Sample Receipt Date	:	04/02/2025	Sample ID : SE/202502/0002
Sampling Location	:	DG Set 2 (975 KWA)	Sample Description : Stack Emission
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring : IS 11255
Quantity / No. of Sample	:	1 No. Of Thimble + Scrubbing Absorbing Media/Each	Analysis Started On : 04/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 05/02/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-06
Meteorological conditions during monitoring	:	Clear Sky	Sampling Duration (Minute) : 60 Minute
Ambient Temperature °C	:	27.8	Stack Temperature °C : 126
Stack Kit Sr. No.	:	2002060268	Date Of Issue : 27/12/2024
Calibration Certificates No.	:	ENP2312261327-S	Due Date : 26/12/2025
Environmental Condition during the test		25°C ±3 °C	

**Stack Emission Analysis Results**

Sr. No.	Parameter	Result	GPCB Limit	Unit	Protocol used for Analysis
1.	Average Velocity	7.2	--	m/s	IS 11255 (Part 3), 2008
2.	Particulate Matter as PM	57.9	150	mg/Nm <sup>3</sup>	IS 11255 (Part 01): 1985
3.	Sulphur Dioxide as SO <sub>2</sub>	10.6	100	ppm	IS 11255 (Part 02): 1985
4.	Oxides of Nitrogen as NO <sub>x</sub>	8.2	50	ppm	IS 11255 (Part 07): 2005

-----End Report-----

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Ayushi K Chaturvedi (Quality Manager)  
  
Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"



# ENVIRONMENTAL MONITORING REPORT

[Period: March 2025]

For



**M/S. BEIL Infrastructure Ltd.**

At

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA BIOSUSTAIN PVT LTD**

**Plot No 7313/1/A, Near Karmatur Chokdi,  
GIDC Ankleshwar-393002.**





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**Environmental Monitoring Plan**  
**For M/s. BEIL Infrastructure Ltd. (Ankleshwar)**

Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.

**By – Vasundhara Biosustain Pvt Ltd**



Sr. No.	Environmental Component	Parameters	Location	Frequency	Monitoring Carried out in March - 2025
1.	Ambient Air Quality Monitoring	PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>x</sub> , NO <sub>x</sub> , Cl <sub>2</sub> NH <sub>3</sub> , H <sub>2</sub> S, Ozone, Pb, Ni, As, HCL, HC, CO, C <sub>6</sub> H <sub>6</sub> , BaP.	03	Monthly	03
2.	Noise Location	Leq dB(A)	07	Monthly	07
3.	Ground Water Monitoring	Parameters: pH, Color, Conductivity, Turbidity, TSS, TDS, TOC, COD Total Hardness, Total Alkalinity, TKN, Chloride, Sulphate, Nitrate, Lead, Cadmium, Copper, Chromium, Mercury, Nickel, Cyanide, Arsenic, Manganese, Iron, Zinc, Fluoride, Pesticides (Organo Chlorine, Organo Nitrogen, Syntheti Pyrethroid, Carbamates), Calcium, Magnesium, Sodium, Potassium, Phosphate, Ammonical Nitrogen, BOD, Oil And Grease	12	Monthly	12
4.	Surface Water Monitoring	Parameters: pH, Color, Conductivity, Turbidity, TSS, TDS, TOC, COD Total Hardness, Total Alkalinity, TKN, Chloride, Sulphate, Nitrate, Lead, Cadmium, Copper, Chromium, Mercury, Nickel, Cyanide, Arsenic, Manganese, Iron, Zinc, Fluoride, Pesticides (Organo Chlorine, Organo Nitrogen, Syntheti Pyrethroid, Carbamates), Calcium, Magnesium, Sodium, Potassium, Phosphate, Ammonical Nitrogen, BOD, Oil And Grease	05	Quarterly	00
5.	Soil	pH, Conductivity (mmhos/cm), TDS (gm/kg),	07	Quarterly	00



		TOC (%), Analysis By TCLP Fluoride %(W/W), Analysis By TCLP Lead (mg/l), Analysis By TCLP Cadmium (mg/l), Analysis By TCLP Copper (mg/l), Analysis By TCLP Chromium (mg/l), Analysis By TCLP Mercury (mg/l), Analysis By TCLP Nickel (mg/l), Analysis By TCLP Cyanide (mg/l), Analysis By TCLP Arsenic (mg/l), Analysis By TCLP Manganese (mg/l), Analysis By TCLP Zinc (mg/l), Analysis By TCLP PAH (mg/l)			
6.	Stack Monitoring	PM, SO <sub>2</sub> , NO <sub>x</sub> , HCL, Cl <sub>2</sub> , Ammonia (NH <sub>3</sub> ), Hydrocarbon (HC), Hydrogen Sulphide (H <sub>2</sub> S), Carbon Monoxide (CO), Hydrogen Fluoride, (HF), Cd + Th (and its Compounds), Hg (and its Compounds), Lead (Pb), Chromium (Cr), Copper (Cu), Nickel (Ni), Zinc (Zn), Vanadium & Its Compound, Antimony, Arsenic, Manganese, Combustion Efficiency, Carbon Dioxide, Oxygen.	12	Quarterly	00



# 1.0 AMBIENT AIR QUALITY MONITORING REPORT



**[Period: March 2025]**

**For**



**M/S. BEIL Infrastructure Ltd.**

**At**

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA BIOSUSTAIN PVT LTD**





## LABORATORY TESTING REPORT

Report No.: VE/AA/202503/0005		Date: 14/03/2025	
URL No.: TC09581250000000178F			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	05/03/2025	Sampling Type : -
Sample Receipt Date	:	05/03/2025	Sample ID : AA/202503/0005
Sampling Location	:	On the roof of laboratory	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 05/03/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 06/03/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM <sub>10</sub>	µg/m <sup>3</sup>	61.8	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	32.5	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	16.8	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	23.2	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl <sub>2</sub> )	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H <sub>2</sub> S)	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	µg/m <sup>3</sup>	13.22	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/AA/202503/0005		Date: 14/03/2025	
URL No.: --			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	05/03/2025	Sampling Type : -
Sample Receipt Date	:	05/03/2025	Sample ID : AA/202503/0005
Sampling Location	:	On the roof of laboratory	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 05/03/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 06/03/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

## Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
11.	Arsenic as As	µg/m <sup>3</sup>	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m <sup>3</sup>	0.9	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

-----End Report-----

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

*[Signature]*  
Verified By

Ayushi K Chaturvedi (Quality Manager)

*[Signature]*  
Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/AA/202503/0006		Date: 14/03/2025	
URL No.: TC09581250000000179F			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	05/03/2025	Sampling Type : -
Sample Receipt Date	:	05/03/2025	Sample ID : AA/202503/0006
Sampling Location	:	Oppo. of C6CW4 Detox Side	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 05/03/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 06/03/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM <sub>10</sub>	µg/m <sup>3</sup>	63.5	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	34.7	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	17.2	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	24.1	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl <sub>2</sub> )	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H <sub>2</sub> S)	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	µg/m <sup>3</sup>	14.06	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

*Ayushi K Chaturvedi*

Verified By

Ayushi K Chaturvedi (Quality Manager)



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Page No. 1 of 2

Formerly known as "VASUNDHARA ENTERPRISE"

**Reg. Office :**

S-404, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar – 393002

**Contact:**

Mo.: +91-93136 16978 / 93136 16730  
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Website : www.vasundharaenterprise.in

**Laboratory :**

S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar – 393002





## LABORATORY TESTING REPORT

Report No.: VE/AA/202503/0006		Date: 14/03/2025	
URL No.: –			
Name & Address of Customer	:	<b>M/s. BEIL Infrastructure Ltd.</b> Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	05/03/2025	Sampling Type : –
Sample Receipt Date	:	05/03/2025	Sample ID : AA/202503/0006
Sampling Location	:	Oppo. of C6CW4 Detox Side	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 05/03/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 06/03/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
11.	Arsenic as As	µg/m <sup>3</sup>	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m <sup>3</sup>	0.93	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

-----End Report-----

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Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Signatory





**LABORATORY TESTING REPORT**

Report No.: VE/AA/202503/0007		Date:		14/03/2025		
URL No.: TC09581250000000180F						
Name & Address of Customer		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Sample Collection Date		:	05/03/2025	Sampling Type	:	-
Sample Receipt Date		:	05/03/2025	Sample ID	:	AA/202503/0007
Sampling Location		:	Landfill Phase-4 near Security Tower	Sample Description	:	Ambient Air
Sample Collected / Submitted by		:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample		:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	05/03/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	06/03/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions during monitoring		:	Clear Sky	Actual duration of Monitoring, (Hours)	:	24 Hrs.
Environmental Condition during the test				25°C ±3 °C		

**Ambient Air Analysis Results**

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM <sub>10</sub>	µg/m <sup>3</sup>	62.1	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	33.1	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	19.6	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	26.3	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl <sub>2</sub> )	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H <sub>2</sub> S)	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	µg/m <sup>3</sup>	12.76	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

*[Signature]*  
Verified By

Ayushi K Chaturvedi (Quality Manager)  
*[Signature]*  
Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/AA/202503/0007		Date: 14/03/2025	
URL No.: -			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Sample Collection Date	:	05/03/2025	Sampling Type : -
Sample Receipt Date	:	05/03/2025	Sample ID : AA/202503/0007
Sampling Location	:	Landfill Phase-4 near Security Tower	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On : 05/03/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 06/03/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours) : 24 Hrs.
Environmental Condition during the test		25°C ±3 °C	

### Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
11.	Arsenic as As	µg/m <sup>3</sup>	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m <sup>3</sup>	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m <sup>3</sup>	0.91	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m <sup>3</sup>	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

-----End Report-----

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Verified By

Ayushi K Chaturvedi (Quality Manager)

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# 2.0 NOISE LEVEL MONITORING REPORT



**[Period: March 2025]**

**For**



**M/S. BEIL Infrastructure Ltd.**

**At**

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA BIOSUSTAIN PVT LTD**





LABORATORY TESTING REPORT

Report No.: VE/AN/202503/0001		Date:		14/03/2025		
URL No.: TC09581250000000177F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Ms. Rakesh Patel			
Sample Collection Date		:	04/03/2025	Sampling Type	:	Instrument Method
Sample Receipt Date		:	04/03/2025	Sample ID	:	AN/202503/0001
Sampling Location		:	Noise	Sample Description	:	Noise Monitoring
Sample Collected / Submitted by		:	VBPL Team	Protocol used for monitoring	:	IS 9989-1991
Analysis Started On		:	-	Analysis Completed On	:	-
Instrument calibration status		:	Calibrated	Format No.	:	7.8 F-07
Meteorological condition during monitoring		:	Clear Sky	Actual duration of Monitoring, (Minutes)	:	30

Ambient Noise Analysis Results

Sr. No.	Parameter	Day Time	Night Time	Unit	Protocol Used for Analysis
	Permissible Limit	75	70	dB(A)	-
1.	Nr. Main Gate	54.8	45.3	dB(A)	IS 9989-1991
2.	Nr. Incinerator Area	71.6	67.9	dB(A)	IS 9989-1991
3.	Nr. Lab Area	59.2	51.6	dB(A)	IS 9989-1991
4.	Nr. Admin Building	57.1	50.7	dB(A)	IS 9989-1991
5.	Nr. Truck Washing Area	63.9	55.2	dB(A)	IS 9989-1991
6.	Nr. Drum Storage Area	60.2	50.4	dB(A)	IS 9989-1991
7.	Nr. East of Incinerator Area	70.7	61.5	dB(A)	IS 9989-1991

-----End Report-----

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3.	Samples shall be stored for the period of 15 days after the date of issue of Report.

Verified By

Ayushi K Chaturvedi (Quality Manager)  
  
Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"



# 3.0 WATER QUALITY MONITORING REPORT



**[Period: March 2025]**

**For**



**M/S. BEIL Infrastructure Ltd.**

**At**

**Plot No. 9701-9716, GIDC Estate,  
Ankleshwar-393002, Dist: Bharuch.**

**Monitoring Organization:**

**VASUNDHARA BIOSUSTAIN PVT LTD**





## LABORATORY TESTING REPORT

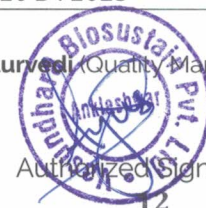
Report No.: VE/W/202503/0002		Date:		14/03/2025		
URL No.: TC09581250000000164F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/03/2025	Sampling Type	:	Grab
Date of Sample Received		:	04/03/2025	Sample ID	:	W/202503/0002
Sampling Location		:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VBPL Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/03/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	10/03/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

### Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.08	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	5.2	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	8130	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.55	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3.6	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	4119	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	37	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	790	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	392	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.4	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1984	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	168	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	2.22	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	1.01	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	276	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	288	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	278	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	5.1	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	10.5	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

Ayushi K Chaturvedi (Quality Manager)

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Page No 1 of 2

Formerly known as "VASUNDHARA ENTERPRISE"

**Reg. Office :**

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**Contact:**

Mo.: +91-93136 16978 / 93136 16730  
E-mail : info@vasundharaenterprise.in  
Website : www.vasundharaenterprise.in

**Laboratory :**

S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





**LABORATORY TESTING REPORT**

Report No.: VE/W/202503/0002		Date:		14/03/2025		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/03/2025	Sampling Type	:	Grab
Date of Sample Received		:	04/03/2025	Sample ID	:	W/202503/0002
Sampling Location		:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VBPL Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/03/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	10/03/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

**Ground Water Analysis Results**

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	4.97	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.149	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

-----End Report-----

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3. Samples shall be stored for the period of 15 days after the date of issue of Report.

Verified By

Ayushi K Chaturvedi (Quality Manager)







## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0003		Date:		14/03/2025		
URL No.: TC09581250000000165F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/03/2025	Sampling Type	:	Grab
Date of Sample Received		:	04/03/2025	Sample ID	:	W/202503/0003
Sampling Location		:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VBPL Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/03/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	10/03/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

### Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol Used for Analysis
1.	pH	-	7.75	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	5.8	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2800	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.61	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1371	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	19	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	512	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	444	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.12	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	550	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	172	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	3.11	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.86	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	76	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	98	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	451	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	5.8	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	4.2	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

Verified By

Ayushi K Chaturvedi (Quality Manager)



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## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0003		Date:		14/03/2025		
URL No.: –						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/03/2025	Sampling Type	:	Grab
Date of Sample Received		:	04/03/2025	Sample ID	:	W/202503/0003
Sampling Location		:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VBPL Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/03/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	10/03/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

### Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	1.85	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.37	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

-----End Report-----

This Report is issued under the following terms & Condition:

1. Samples are not drawn by Vasundhara Biosustain Pvt. Ltd, unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implemented.
2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

  
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## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0004		Date:		14/03/2025		
URL No.: TC0958125000000166F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/03/2025	Sampling Type	:	Grab
Date of Sample Received		:	04/03/2025	Sample ID	:	W/202503/0004
Sampling Location		:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VBPL Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/03/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	10/03/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.86	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	20.9	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2850	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.58	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3.8	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1411	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	20	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	642	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	388	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.12	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	464	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	184	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	2.83	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.65	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	110	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	94	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	266	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	6.3	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	6.3	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

Ayushi K Chaturvedi (Quality Manager)

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Page No. 1 of 2

Formerly known as "VASUNDHARA ENTERPRISE"

**Reg. Office :**

S-404, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002

**Contact:**

Mo.: +91-93136 16978 / 93136 16730  
E-mail : info@vasundharaenterprise.in  
Website : www.vasundharaenterprise.in

**Laboratory :**

S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0004		Date:		14/03/2025
URL No.: --				
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.		
Contact Person	:	Mr. Rakesh Patel		
Date of Sample Collection	:	04/03/2025	Sampling Type	: Grab
Date of Sample Received	:	04/03/2025	Sample ID	: W/202503/0004
Sampling Location	:	EB-3 Down Stream	Sample Description	: Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	: APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	: 04/03/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	: 10/03/2025
Type of Container	:	Plastic Container	Format No.	: 7.8 F-01
Environmental Condition during the test		25°C ±3 °C		

### Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	2.73	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.29	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

### -----End Report-----

This Report is issued under the following terms & Condition:

1. Samples are not drawn by Vasundhara Biosustain Pvt. Ltd, unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implemented.
2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

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Ayushi K Chaturvedi (Quality Manager)

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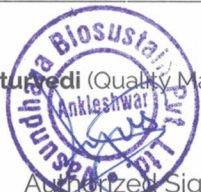
**LABORATORY TESTING REPORT**

Report No.: VE/W/202503/0005		Date: 14/03/2025	
URL No.: TC0958125000000167F			
Customer Name & Address	:	<b>M/s. BEIL Infrastructure Ltd.</b> Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	04/03/2025	Sampling Type : Grab
Date of Sample Received	:	04/03/2025	Sample ID : W/202503/0005
Sampling Location	:	HB-4 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 04/03/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 10/03/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

**Ground Water Analysis Results**

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.55	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	8.8	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	4330	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.55	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.2	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	2016	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	22	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	682	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	378	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	722	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	136	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	1.48	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.95	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	122	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	136	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	340	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	6.3	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

  
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## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0005		Date:		14/03/2025		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/03/2025	Sampling Type	:	Grab
Date of Sample Received		:	04/03/2025	Sample ID	:	W/202503/0005
Sampling Location		:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VBPL Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/03/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	10/03/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	2.93	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.41	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

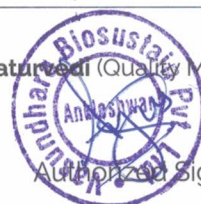
-----End Report-----

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Ayushi K Chaturvedi (Quality Manager)



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## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0006		Date: 14/03/2025	
URL No.: TC0958125000000168F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	04/03/2025	Sampling Type : Grab
Date of Sample Received	:	04/03/2025	Sample ID : W/202503/0006
Sampling Location	:	EB-4 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 04/03/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 10/03/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

### Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.36	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	16.22	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	7340	APHA 24th Edition 2510-B: 2023
4.	Turbidity	NTU	1.12	APHA 24th Edition 2130-B: 2023
5.	Total Suspended solids	mg/L	3.6	APHA 24th Edition 2540-D: 2023
6.	Total Dissolved solids	mg/L	3549	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	31	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	1650	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	410	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1844	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	166	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	3.26	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.8	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	256	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	282	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	345	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.6	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	8.4	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

Ayushi K Chaturvedi (Quality Manager)

  
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## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0006		Date:		14/03/2025		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/03/2025	Sampling Type	:	Grab
Date of Sample Received		:	04/03/2025	Sample ID	:	W/202503/0006
Sampling Location		:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VBPL Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/03/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	10/03/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	8.49	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.35	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

-----End Report-----

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1. Samples are not drawn by Vasundhara Biosustain Pvt. Ltd, unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implemented.
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Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0007		Date:	14/03/2025
URL No.: TC09581250000000169F			
Customer Name & Address	:	<b>M/s. BEIL Infrastructure Ltd.</b> Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	04/03/2025	Sampling Type : Grab
Date of Sample Received	:	04/03/2025	Sample ID : W/202503/0007
Sampling Location	:	HB-5 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 04/03/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 10/03/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol Used for Analysis
1.	pH	-	7.78	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	10.3	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	3570	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	1.08	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1750	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	26.6	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	622	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	450	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.68	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	682	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	294	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	3.05	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.46	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	148	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	74	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	348	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	5.8	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	7.3	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

Ayushi K Chaturvedi (Quality Manager)

  
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Formerly known as "VASUNDHARA ENTERPRISE"

**Reg. Office :**  
S-404, Multilevel Shed-2,  
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Website : www.vasundharaenterprise.in

**Laboratory :**  
S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar – 393002





## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0007			Date:		14/03/2025	
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/03/2025	Sampling Type	:	Grab
Date of Sample Received		:	04/03/2025	Sample ID	:	W/202503/0007
Sampling Location		:	HB-5 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VBPL Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/03/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	10/03/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

### Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	9.25	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.31	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

### -----End Reports-----

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

Ayushi K Chaturvedi (Quality Manager)

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Website : www.vasundharaenterprise.in





## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0008		Date:		14/03/2025		
URL No.: TC09581250000000170F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/03/2025	Sampling Type	:	Grab
Date of Sample Received		:	04/03/2025	Sample ID	:	W/202502/0008
Sampling Location		:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VBPL Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/03/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	10/03/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.75	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	12.5	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	4630	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.6	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	2323	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	19	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	812	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	430	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.4	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	898	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	192	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	1.97	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	1.12	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	192	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	72	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	336	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4.1	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	5.2	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

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Ayushi K Chaturvedi (Quality Manager)

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S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002



## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0008	Date:	14/03/2025
URL No.: --		
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	Mr. Rakesh Patel	
Date of Sample Collection	04/03/2025	Sampling Type : Grab
Date of Sample Received	04/03/2025	Sample ID : W/202503/0008
Sampling Location	EB-5 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	VBPL Team	Protocol used for : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On : 04/03/2025
Packing / Seal	Cap Seal	Analysis Completed On : 10/03/2025
Type of Container	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test	25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	9.37	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CNE : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.37	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

## -----End Reports-----

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

*[Signature]*  
Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0009		Date:		14/03/2025		
URL No.: TC0958125000000171F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/03/2025	Sampling Type	:	Grab
Date of Sample Received		:	04/03/2025	Sample ID	:	W/202503/0009
Sampling Location		:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VBPL Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/03/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	10/03/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.66	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	18.8	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	4970	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.33	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	2432	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	20	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	990	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	446	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	964	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	190	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	2.06	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.79	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	172	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	126	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	462	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4.5	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	6.3	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

Verified By

Ayushi K Chaturvedi (Quality Manager)



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**Reg. Office :**

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**Laboratory :**

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Opp. Kanoria Chemicals,  
GIDC, Ankleshwar – 393002





**LABORATORY TESTING REPORT**

Report No.: VE/W/202503/0009		Date:		14/03/2025		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/03/2025	Sampling Type	:	Grab
Date of Sample Received		:	04/03/2025	Sample ID	:	W/202503/0009
Sampling Location		:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VBPL Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/03/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	10/03/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

**Ground Water Analysis Results**

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	5.42	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.34	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

-----End Report-----

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1. Samples are not drawn by Vasundhara Biosustain Pvt. Ltd, unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implemented.
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3. Samples shall be stored for the period of 15 days after the date of issue of Report.

Verified By

Ayushi K Chaturvedi (Quality Manager)

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## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0010		Date:		14/03/2025		
URL No.: TC09581250000000172F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/03/2025	Sampling Type	:	Grab
Date of Sample Received		:	04/03/2025	Sample ID	:	W/202503/0010
Sampling Location		:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VBPL Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/03/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	10/03/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.52	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	16.1	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	6670	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.46	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.3	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3379	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	36	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	1004	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	380	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.56	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1186	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	194	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	5.75	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	1.13	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	202	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	110	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	550	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.2	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	10.5	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

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Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0010		Date:		14/03/2025		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/03/2025	Sampling Type	:	Grab
Date of Sample Received		:	04/03/2025	Sample ID	:	W/202503/0010
Sampling Location		:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VBPL Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/03/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	10/03/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	7.99	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.10	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

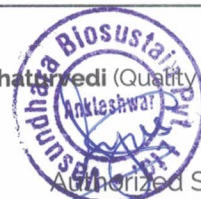
-----End Report-----

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Verified By

Ayushi K Chattervedi (Quality Manager)



Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0011		Date:		14/03/2025		
URL No.: TC0958125000000173F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/03/2025	Sampling Type	:	Grab
Date of Sample Received		:	04/03/2025	Sample ID	:	W/202503/0011
Sampling Location		:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VBPL Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/03/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	10/03/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

### Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.66	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	4.8	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	3930	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.32	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3.8	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1908	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	24	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	806	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	362	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.68	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	806	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	180	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	6	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.59	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	136	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	152	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	374	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	6	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	BioChemical Oxygen Demand @ 27 °C for 3 Days	mg/L	6.3	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

Ayushi K Chaudhary (Quality Manager)

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Page No 1 of 2

Formerly known as "VASUNDHARA ENTERPRISE"

**Reg. Office :**

S-404, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002

**Contact:**

Mo.: +91-93136 16978 / 93136 16730  
E-mail : info@vasundharaenterprise.in  
Website : www.vasundharaenterprise.in

**Laboratory :**

S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





**LABORATORY TESTING REPORT**

Report No.: VE/W/202503/0011			Date:		14/03/2025	
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/03/2025		Sampling Type : Grab	
Date of Sample Received		:	04/03/2025		Sample ID : W/202503/0011	
Sampling Location		:	EB-9 Up Stream		Sample Description : Ground Water	
Sample Collected / Submitted by		:	VBPL Team		Protocol used for : APHA 24 <sup>th</sup> Edition	
Quantity / No. of Sample		:	2 Liter/1Nos.		Analysis Started On : 04/03/2025	
Packing / Seal		:	Cap Seal		Analysis Completed On : 10/03/2025	
Type of Container		:	Plastic Container		Format No. : 7.8 F-01	
Environmental Condition during the test			25°C ±3 °C			

**Ground Water Analysis Results**

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	5.21	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CNE : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.53	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

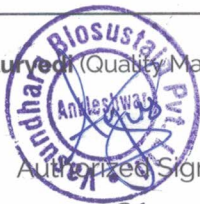
-----End Report-----

This Report is issued under the following terms & Condition:

1. Samples are not drawn by Vasundhara Biosustain Pvt. Ltd, unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implemented.
2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

  
Verified By

Ayushi K Chaturvedi (Quality Manager)

  
Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0012		Date:		14/03/2025		
URL No.: TC09581250000000174F						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/03/2025	Sampling Type	:	Grab
Date of Sample Received		:	04/03/2025	Sample ID	:	W/202503/0012
Sampling Location		:	EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VBPL Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/03/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	10/03/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.88	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	1.6	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	3370	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.38	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1662	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	18	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	760	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	416	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.12	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	622	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	192	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	1.69	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.72	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	94	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	88	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	430	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	11.2	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	4.2	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

Ayushi K Chaturvedi (Quality Manager)

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## LABORATORY TESTING REPORT

LABORATORY TESTING REPORT

Report No.: : VE/W/202503/0012		Date:		14/03/2025		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/03/2025	Sampling Type	:	Grab
Date of Sample Received		:	04/03/2025	Sample ID	:	W/202503/0012
Sampling Location		:	EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VBPL Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/03/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	10/03/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	1.83	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.44	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

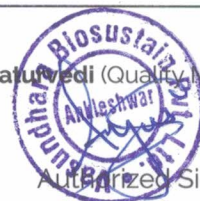
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Ayushi K Chaturvedi (Quality Manager)



Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0014		Date: 14/03/2025	
URL No.: TC0958125000000176F			
Customer Name & Address	:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.	
Contact Person	:	Mr. Rakesh Patel	
Date of Sample Collection	:	04/03/2025	Sampling Type : Grab
Date of Sample Received	:	04/03/2025	Sample ID : W/202503/0014
Sampling Location	:	EB-11 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 04/03/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 10/03/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.19	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Hazen	17.4	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	8740	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.84	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	5.2	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	4470	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	71	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	1914	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	428	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.96	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1718	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO <sub>4</sub> )	mg/L	316	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2023
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	11.11	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	1.24	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	324	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	294	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2023
19.	Sodium (as Na)	mg/L	496	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	2.5	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	17.9	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0014		Date:		14/03/2025		
URL No.: --						
Customer Name & Address		:	M/s. BEIL Infrastructure Ltd. Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person		:	Mr. Rakesh Patel			
Date of Sample Collection		:	04/03/2025	Sampling Type	:	Grab
Date of Sample Received		:	04/03/2025	Sample ID	:	W/202503/0014
Sampling Location		:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by		:	VBPL Team	Protocol used for Sampling	:	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample		:	2 Liter/1Nos.	Analysis Started On	:	04/03/2025
Packing / Seal		:	Cap Seal	Analysis Completed On	:	10/03/2025
Type of Container		:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C			

## Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	58.51	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.24	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

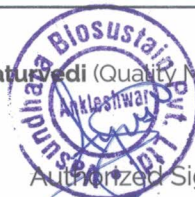
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Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Signatory



## **Annexure-5**

### **Groundwater (Analysis Period Oct'24 to Mar'25):**

Sr. no	Parameters	Unit	Upstream borewell			Downstream borewell		
			Min	Max	Avg	Min	Max	Avg
1	pH		7	8.19	7.468889	7.09	8.4	7.637222
2	COLOR	Co-pt	1.6	20.1	11.02139	5.8	24.4	14.41611
3	CONDUCTIVITY	µs/cm	2669	8784	5196.667	2130	6670	3580.167
4	Turbidity	NTU	0.28	122	4.021944	0.22	1.54	0.666667
5	TSS	mg/l	2.5	6.7	4.052778	3	6	3.886111
6	TDS	mg/l	1633	4470	2914.194	1249	3379	1976.389
7	COD	mg/l	18	71	33.54833	11.98	39.2	23.28417
8	BOD	mg/l	4.2	22	9.622778	2.1	13	6.893889
9	Toc	mg/l	1.47	58.51	8.732222	1.31	9.25	3.735222



**Ambient Air (Analysis Period Oct'24 to Mar'25):**

[illegible]



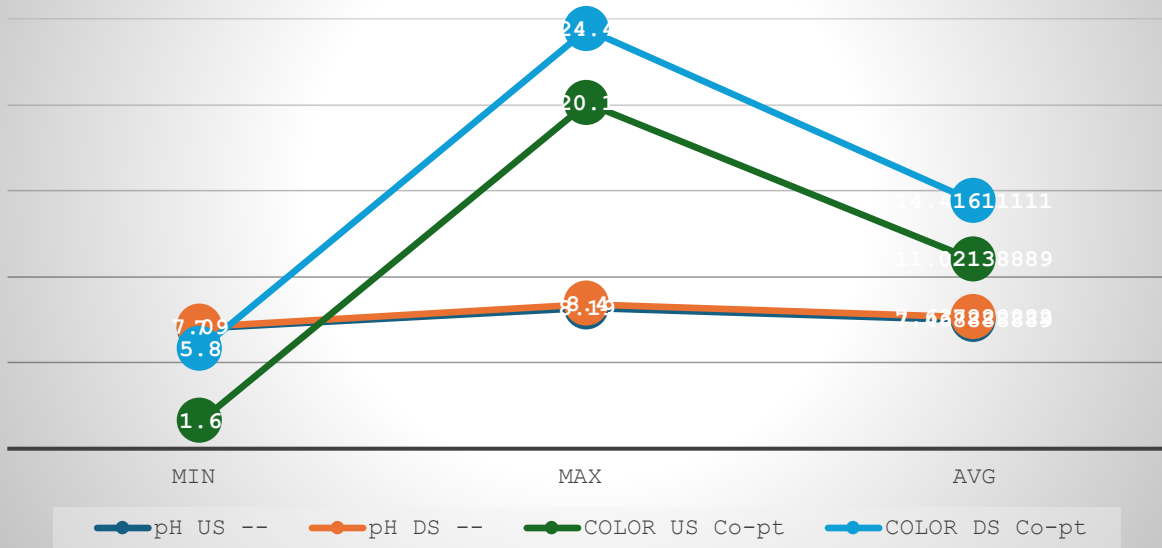
### Noise Monitoring (Analysis Period Oct'24 to Mar'25):

Sr. No.	Noise monitoring sampling location	Results (Avg)							
		GPCB/ CPCB Permiss ible Limit (Day) (in dB)	Day			GPCB/ CPCB Permiss ible Limit (Night) (in dB)	Night		
			Min	Max	Avg		Min	Max	Avg
1	Near Main gate	75	51.9	57.4	54.95	70	45.3	48.3	46.68333
2	Near Lab	75	69.6	72.3	71.16667	70	58.4	67.9	63.56667
3	Near admin	75	57.8	64.3	60.76667	70	47.1	55.1	51.08333
4	Truck wash	75	53.5	60.3	56.13333	70	44.1	52.3	48.5
5	Drum	75	62.2	68.9	65.33333	70	53.8	59.8	56.38333
6	Near East Side of Incinerator	75	56.7	60.9	59.03333	70	44.7	50.8	47.98333
7	Near Incinerator	75	70.5	73.2	71.48333	70	61.5	65.6	63.25

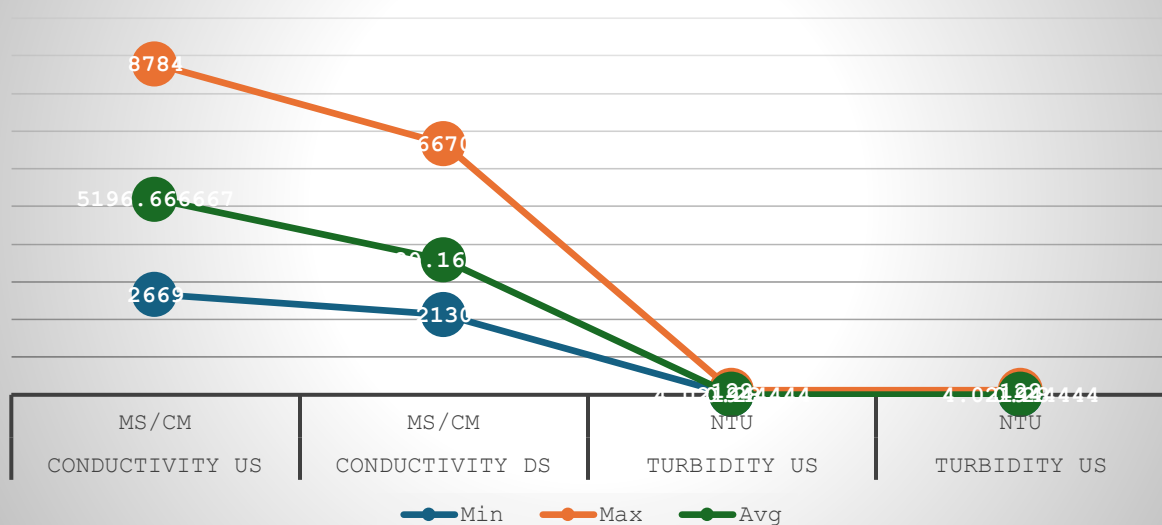


# Trend Analysis Graph Sheet

## Trend Analysis of PH and Colour

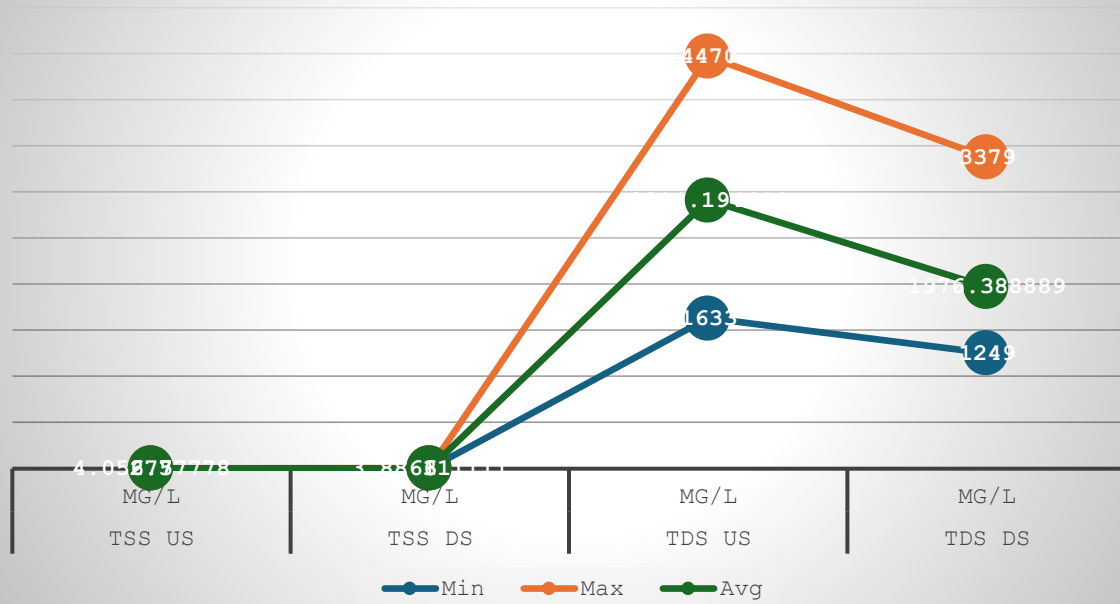


## Trend Analysis of Conductivity and Turbidity

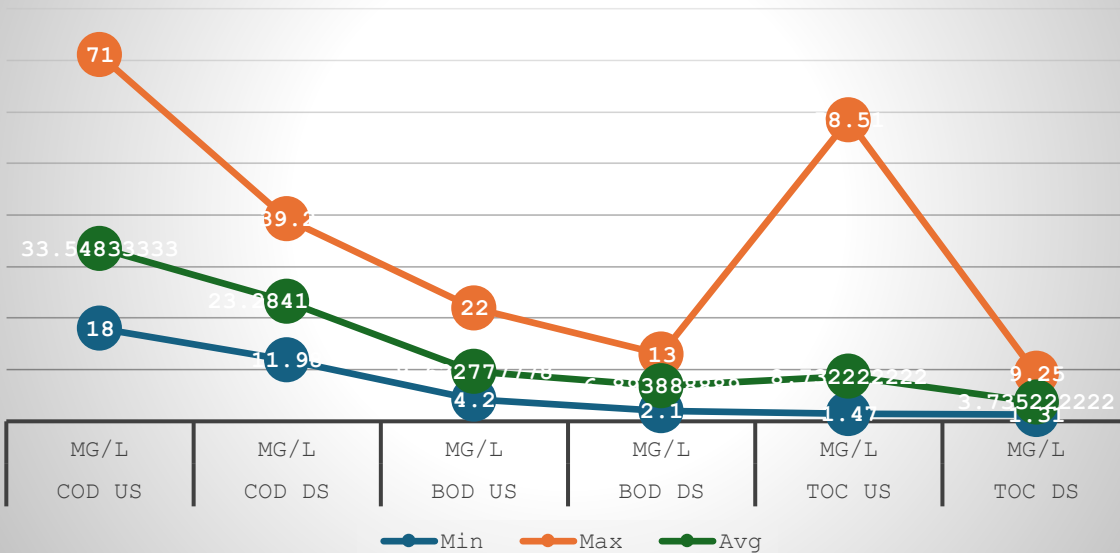




## Trend analysis of TSS and TDS



## Trend analysis of COD, BOD and TOC











# ANALYTICAL RESEARCH LABORATORY BEIL INFRASTRUCTURE LIMITED

(Formerly Known as Bharuch Enviro Infrastructure Ltd.)



TC-13051

## TEST REPORT

Page 1 of 2

Sample Id	001200007351	Report No / Sample	TC-1305125000000096F	Report Date	09-JAN-2025
Name of Customer	KLJ PETROPLAST LIMITED				
Address Of Customer	PLOT NO.909, 909/1,764,GIDC JHAGADIA, District : BHARUCH Gujarat-393110				
Sample Description	Catalyst				
Sample Quantity(UOM)	1.000 KG	Sampling Date	01-JAN-2025		
Sampling Location	NA	Sample Received Date	01-JAN-2025		
Sample Collected By	BY Customer	Analysis Start/End Date	06-JAN-2025 / 09-JAN-2025		
Sample Type	LANDFILL SUITABILITY	Sampling Procedure	Grab Sampling		

Sr.No.	Parameters	Unit	Results	Permissible Limit	Method Reference
1	Appearance		Yellow coloured	-	SOP/HW/21: 2021
2	Flammability Test		Not Flammable	-	US EPA 1030: 1996
3	Compatibility Test		Compatible	-	EPA 600: 1980
4	PFLT Test (Plain Filter Liquid Test)		Pass	-	USEPA Method 9095B
5	Gross Calorific Value	cal/gm	180	<2500	IS:1448 (Part-6): 1984
6	Halogen (as Cl)	%	0.46	-	SOP/HW/15 Volhard's Method
7	Total Sulphur	%	<0.1	-	ASTM D5291 - 10(2015): 2015
8	ash content at 800°C	%	93.68	-	IS 1448 (Part-4) : 1984
9	Loss On Drying at 110°C	%	0.06	-	SOP HW/NB/16 (Issue 02): 2021
10	Oil and Grease	%	<0.002	<4.0	APHA 5520 D, 575, 24th Ed.: 24th 2023
11	Annealing Loss at 550°C	%	0.02	<20.0	SOP/HW/O4 (Issue:02): 2021
12	LRT Test (Liquid Release Test )	ml/100gm	00	<3.0	USEPA 9096
13	pH (10% Solution)		5.88	4-12	APHA* 4500H+-B, 473 to 478, 24th Ed.: 23
14	Phenolic Compound (10% Solution)	mg/l	0.463	<100	APHA, 5530-D, 582, 24thEd: 2023
15	Arsenic (10% Solution)	mg/l	<0.005	<1.00	APHA 3114-As- C 224 to 225, 24thEd: 2023
16	Lead (10% Solution)	mg/l	0.1191	<2.00	APHA 3111 Pb B,205 to 206 ,24thEd: 2023
17	Cadmium (10% Solution)	mg/l	<0.01	<0.20	APHA 3111 Cd B,205 to 206 ,24thEd: 2023
18	Hexavalent Chromium (10% Solution)	mg/l	<0.1	<0.50	APHA 3500 Cr B,256 to 258 ,24thEd: 2023
19	Copper (10% Solution)	mg/l	0.0271	<10.0	APHA 3111 Cu B,205 to 206 ,24thEd: 2023
20	Nickel (10% Solution)	mg/l	<0.01	<3.0	APHA 3111 Ni B,205 to 206 ,24thEd: 2023
21	Mercury (10% Solution)	mg/l	<0.001	<0.10	APHA 3112-Hg- B, 210 to 312,24thEd: 2023
22	Zinc (10% Solution)	mg/l	0.0719	<10.00	APHA 3111 Zn B,205 to 206 ,24thEd: 2023
23	Fluoride (10% Solution)	mg/l	<0.10	<50.0	APHA 4500 F C ,398 to 400 ,24thEd: 2023
24	Ammoniacal Nitrogen (10% Solution)	mg/l	16	<1000	APHA 4500-NH3-C, 425, 24thEd.: 2023
25	Cyanide (10% Solution)	mg/l	<0.01	<0.20	APHA 4500 CN C ,370 to 371 ,24thEd.: 23
26	Nitrate (as NO3)	mg/l	17.798	<30.00	APHA 4500 NO3 B ,434 to 435,24thEd.: 23
27	COD (10% Solution)	mg/l	184	-	APHA 5220-B, 544 to 546, 24th Ed.
28	Physical State		Solid	-	SOP/HW/21: 2021

Remarks : - As per evaluated parameters, Sample is suitable for Landfill disposal. Extra Charge are applicable as sample is spent catalyast.





**ANALYTICAL RESEARCH LABORATORY**  
**BEIL INFRASTRUCTURE LIMITED**  
(Formerly Known as Bharuch Enviro Infrastructure Ltd.)



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**TEST REPORT**

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Sample Id 001200007351

Report No / Sample TC-1305125000000096F

Report Date 09-JAN-2025

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

For BEIL INFRASTRUCTURE LIMITED

AUTHORISED SIGNATORY

MR. N. B. PATEL

(QUALITY MANAGER)





# ANALYTICAL RESEARCH LABORATORY BEIL INFRASTRUCTURE LIMITED

(Formerly Known as Bharuch Enviro Infrastructure Ltd.)



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## TEST REPORT

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Sample Id	001200007315	Report No / Sample	TC-1305125000000091F	Report Date	08-JAN-2025
Name of Customer	SUPERFORM CHEMISTRIES LTD (UNIT-1)				
Address Of Customer	PLOT No.117 GIDC, District : BHARUCH Gujarat-393002				
Sample Description	R-100 Hyflow Waste				
Sample Quantity(UOM)	250.000 G	Sampling Date	04-JAN-2025		
Sampling Location	NA	Sample Received Date	04-JAN-2025		
Sample Collected By	BY Customer	Analysis Start/End Date	07-JAN-2025 / 08-JAN-2025		
Sample Type	INCINERATOR SUITABILITY	Sampling Procedure	Grab Sampling		

Sr.No.	Parameters	Unit	Results	Permissible Limit	Method Reference
1	Physical State		Solid	-	SOP/HW/21: 2021
2	Appearance		White Powder	-	SOP/HW/21: 2021
3	pH (10% Solution)		9.14	-	APHA* 4500H+-B, 473 to 478, 24th Ed.: 23
4	Gross Calorific Value	cal/gm	2506	-	IS:1448 (Part-6):1984
5	Total Carbon (%)	%	25.4	-	ASTM D5291 - 10(2015): 2015
6	Total Hydrogen (%)	%	4.97	-	ASTM D5291 - 10(2015): 2015
7	Total Nitrogen	%	<0.1	-	ASTM D5291 - 10(2015): 2015
8	Total Sulphur	%	<0.1	-	ASTM D5291 - 10(2015): 2015
9	Halogen (as Cl)	%	1.55	-	SOP/HW/15 Volhard's Method
10	Cyanide (as CN)	mg/l	0.008	-	APHA 4500 CN C, 370 to 371, 24thEd.:23
11	Loss On Drying at 110°C	%	5.51	-	SOP HW/NB/16 (Issue:02): 2021
12	Annealing Loss at 550°C	%	32.08	-	SOP/HW/O4 (Issue:02): 2021
13	ash content at 800°C	%	61.72	-	IS 1448 (Part-4): 1984
14	Compatibility Test		Compatible	-	EPA 600: 1980
15	Flammability Test		Flammable	-	US EPA 1030: 1996
16	Fluoride (as F)	mg/l	933	-	APHA 4500 F C, 398 to 400, 24thEd: 2023
17	Ammonical Nitrogen(NH3-N)	mg/l	466	-	APHA 4500-NH3-C, 425, 24thEd.: 2023
18	Reactivity With Lime		Not Reactive With Lime	-	ASTM D -5058-90: 2001
19	Reactivity With TEA		Not Reactive With TEA	-	ASTM D -5058-90: 2001
20	Reactivity With Water		Not Reactive With Water	-	ASTM D -5058-90: 2001

Remarks : - As per evaluated parameters, Sample is Suitable for Incineration Disposal.

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

For BEIL INFRASTRUCTURE LIMITED

AUTHORISED SIGNATORY  
MR. N. B. PATEL





# ANALYTICAL RESEARCH LABORATORY BEIL INFRASTRUCTURE LIMITED

(Formerly Known as Bharuch Enviro Infrastructure Ltd.)



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Sample Id	001200007315	Report No / Sample	TC-1305125000000091F	Report Date	08-JAN-2025
				(QUALITY MANAGER)	





**ANALYTICAL RESEARCH LABORATORY**  
**BEIL INFRASTRUCTURE LIMITED**  
(Formerly Known as Bharuch Enviro Infrastructure Ltd.)



**TEST REPORT**

Page 1 of 2

Sample Id	001200008815	Report No / Sample	TC-1305125000000579F	Report Date	12-FEB-2025
Name of Customer	UPL R&D CENTER (THANE)				
Address Of Customer	PLOT C-12, Road No.16,Wagle Estate District : THANE Maharashtra-400604				
Sample Description	FD403-ST03-265-Inorg.Solid After				
Sample Quantity(UOM)	250.000 G	Sampling Date	03-FEB-2025		
Sampling Location	NA	Sample Received Date	03-FEB-2025		
Sample Collected By	BY Customer	Analysis Start/End Date	04-FEB-2025 / 08-FEB-2025		
Sample Type	LANDFILL SUITABILITY	Sampling Procedure	Grab Sampling		

Sr.No.	Parameters	Unit	Results	Permissible Limit	Method Reference
1	Appearance		Brown coloured	-	SOP/HW/21: 2021
2	Flammability Test		Not Flammable	-	US EPA 1030: 1996
3	Compatibility Test		Compatible	-	EPA 600: 1980
4	PFLT Test (Plain Filter Liquid Test)		Pass	-	USEPA Method 9095B
5	Gross Calorific Value	cal/gm	128	<2500	IS:1448 (Part-6):1984
6	Halogen (as Cl)	%	46.46	-	SOP/HW/15 Volhard's Method
7	Total Sulphur	%	0.317	-	ASTM D5291 - 10(2015): 2015
8	ash content at 800°C	%	92.52	-	IS 1448 (Part-4) :1984
9	Loss On Drying at 110°C	%	3.50	-	SOP HW/NB/16 (Issue:02): 2021
10	Oil and Grease	%	<0.002	<4.0	APHA 5520 D, 575, 24th Ed.: 24th 2023
11	Annealing Loss at 550°C	%	3.87	<20.0	SOP/HW/O4 (Issue:02): 2021
12	LRT Test (Liquid Release Test )	ml/100gm	00	<3.0	USEPA 9096
13	pH (10% Solution)		7.73	4-12	APHA* 4500H+-B, 473 to 478, 24th Ed.: 23
14	Phenolic Compound (10% Solution)	mg/l	<0.01	<100	APHA, 5530-D, 582, 24thEd: 2023
15	Lead (10% Solution)	mg/l	0.1901	<2.0	APHA 3111 Pb B,205 to 206 ,24thEd: 2023
16	Cadmium (10% Solution)	mg/l	0.0235	<0.20	APHA 3111 Cd B,205 to 206 ,24thEd: 2023
17	Hexavalent Chromium (10% Solution)	mg/l	<0.02	<0.50	APHA 3500 Cr B,256 to 258 ,24thEd: 2023
18	Copper (10% Solution)	mg/l	0.0123	<10.0	APHA 3111 Cu B,205 to 206 ,24thEd: 2023
19	Nickel (10% Solution)	mg/l	0.6378	<3.0	APHA 3111 Ni B,205 to 206 ,24thEd: 2023
20	Mercury (10% Solution)	mg/l	<0.001	<0.10	APHA 3112-Hg- B, 210 to 312,24thEd:2023
21	Zinc (10% Solution)	mg/l	0.0153	<10.0	APHA 3111 Zn B,205 to 206 ,24thEd: 2023
22	Fluoride (10% Solution)	mg/l	<0.1	<50.0	APHA 4500 F C ,398 to 400 ,24thEd: 2023
23	Ammoniacal Nitrogen (10% Solution)	mg/l	9.0	<1000	APHA 4500-NH3-C, 425, 24thEd.: 2023
24	Cyanide (10% Solution)	mg/l	<0.01	<0.20	APHA 4500 CN C ,370 to 371 ,24thEd.:23
25	COD (10% Solution)	mg/l	1040	-	APHA 5220-B, 544 to 546, 24th Ed.
26	Physical State		Solid	-	SOP/HW/21: 2021
27	Nitrate (as NO3)	mg/l	39.18	<30.0	APHA 4500 NO3 B ,434 to 435,24thEd.: 23

Remarks :- As per evaluated parameters, Nitrate is more than permissible limit so Stabilization required before Landfill disposal.

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






# ANALYTICAL RESEARCH LABORATORY BEIL INFRASTRUCTURE LIMITED

(Formerly Known as Bharuch Enviro Infrastructure Ltd.)



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## TEST REPORT

Sample Id	001200008815	Report No / Sample	TC-1305125000000579F	Page 2 of 2
			Report Date	12-FEB-2025
			For BEIL INFRASTRUCTURE LIMITED	
				
			AUTHORISED SIGNATORY	
			MR. N. B. PATEL	
			(QUALITY MANAGER)	





# ANALYTICAL RESEARCH LABORATORY

## BEIL INFRASTRUCTURE LIMITED

(Formerly Known as Bharuch Enviro Infrastructure Ltd.)



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### TEST REPORT

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Sample Id	001200008817	Report No / Sample	TC-1305125000000580F	Report Date	12-FEB-2025
Name of Customer	UPL R&D CENTER (THANE)				
Address Of Customer	PLOT C-12, Road No.16,Wagle Estate District : THANE Maharashtra-400604				
Sample Description	FD403-ST03-265-Charcoal After Filteratio				
Sample Quantity(UOM)	250.000 G	Sampling Date	03-FEB-2025		
Sampling Location	NA	Sample Received Date	03-FEB-2025		
Sample Collected By	BY Customer	Analysis Start/End Date	05-FEB-2025 / 06-FEB-2025		
Sample Type	INCINERATOR SUITABILITY	Sampling Procedure	Grab Sampling		

Sr.No.	Parameters	Unit	Results	Permissible Limit	Method Reference
1	Physical State		Solid	-	SOP/HW/21: 2021
2	Appearance		Black color powder	-	SOP/HW/21: 2021
3	pH (10% Solution)		9.53	-	APHA* 4500H+-B, 473 to 478, 24th Ed.: 23
4	Gross Calorific Value	cal/gm	2851	-	IS:1448 (Part-6):1984
5	Total Carbon (%)	%	37.2	-	ASTM D5291 - 10(2015): 2015
6	Total Hydrogen (%)	%	6.82	-	ASTM D5291 - 10(2015): 2015
7	Total Nitrogen	%	<0.1	-	ASTM D5291 - 10(2015): 2015
8	Total Sulphur	%	<0.1	-	ASTM D5291 - 10(2015): 2015
9	Halogen (as Cl)	%	0.41	-	SOP/HW/15 Volhard's Method
10	Cyanide (as CN)	mg/l	0.09	-	APHA 4500 CN C, 370 to 371, 24thEd.: 23
11	Loss On Drying at 110°C	%	58.02	-	SOP HW/NB/16 (Issue:02): 2021
12	Annealing Loss at 550°C	%	38.77	-	SOP/HW/O4 (Issue:02): 2021
13	ash content at 800°C	%	3.11	-	IS 1448 (Part-4): 1984
14	Compatibility Test		Compatible	-	EPA 600: 1980
15	Flammability Test		Flammable	-	US EPA 1030: 1996
16	Fluoride (as F)	mg/l	<0.1	-	APHA 4500 F C, 398 to 400, 24thEd.: 2023
17	Ammonical Nitrogen(NH3-N)	mg/l	387	-	APHA 4500-NH3-C, 425, 24thEd.: 2023
18	Reactivity With Lime		Not Reactive With Lime	-	ASTM D -5058-90: 2001
19	Reactivity With TEA		Not Reactive With TEA	-	ASTM D -5058-90: 2001
20	Reactivity With Water		Not Reactive With Water	-	ASTM D -5058-90: 2001

Remarks :- As per evaluated parameters, Sample is Suitable for Incineration Disposal.

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

For BEIL INFRASTRUCTURE LIMITED

AUTHORISED SIGNATORY  
MR. N. B. PATEL

Regd. Office & Works Office : Plot No. 9701-16, GIDC Estate, Post Box No. 82, Ankleshwar - 393 002, Dist. : Bharuch (Gujarat)

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CIN NO. U45300GJ1997PLC032696

Terms & Condition are on backside





**ANALYTICAL RESEARCH LABORATORY**  
**BEIL INFRASTRUCTURE LIMITED**  
(Formerly Known as Bharuch Enviro Infrastructure Ltd.)



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**TEST REPORT**

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Sample Id	001200008817	Report No / Sample TC-1305125000000580F
		Report Date 12-FEB-2025
		(QUALITY MANAGER)





**ANALYTICAL RESEARCH LABORATORY**  
**BEIL INFRASTRUCTURE LIMITED**  
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**TEST REPORT**

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Sample Id	001200009917	Report No / Sample	TC-1305125000000913F	Report Date	11-MAR-2025
Name of Customer	KAIZEN SWITCHGEAR PRODUCTS				
Address Of Customer	PLOT NO.1414, G.I.D.C. INDUSTRIAL ESTATE, District : VADODARA Gujarat-391760				
Sample Description	ETP Sludge				
Sample Quantity(UOM)	1.000 KG	Sampling Date	04-MAR-2025		
Sampling Location	NA	Sample Received Date	04-MAR-2025		
Sample Collected By	BY Customer	Analysis Start/End Date	05-MAR-2025 / 10-MAR-2025		
Sample Type	LANDFILL SUITABILITY	Sampling Procedure	Grab Sampling		

Sr.No.	Parameters	Unit	Results	Permissible Limit	Method Reference
1	Appearance		Light Brown Color	-	SOP/HW/21: 2021
2	Flammability Test		Flammable	-	US EPA 1030: 1996
3	Compatibility Test		Compatible	-	EPA 600: 1980
4	PFLT Test (Plain Filter Liquid Test)		Pass	-	USEPA Method 9095B
5	Gross Calorific Value	cal/gm	2451	<2500	IS:1448 (Part-6):1984
6	Halogen (as Cl)	%	0.75	-	SOP/HW/15 Volhard's Method
7	Total Sulphur	%	0.170	-	ASTM D5291 - 10(2015): 2015
8	ash content at 800°C	%	62.79	-	IS 1448 (Part-4):1984
9	Loss On Drying at 110°C	%	0.41	-	SOP HW/NB/16 (Issue:02): 2021
10	Oil and Grease	%	0.0145	<4.0	APHA 5520 D, 575, 24th Ed.: 24th 2023
11	Annealing Loss at 550°C	%	36.26	<20.0	SOP/HW/O4 (Issue:02): 2021
12	LRT Test (Liquid Release Test )	ml/100gm	00	<3.0	USEPA 9096
13	pH (10% Solution)		7.40	4-12	APHA* 4500H+-B, 473 to 478, 24th Ed.: 23
14	Phenolic Compound (10% Solution)	mg/l	0.271	<100	APHA, 5530-D, 582, 24thEd: 2023
15	Arsenic (10% Solution)	mg/l	<0.005	<1.00	APHA 3114-As- C 224 to 225, 24thEd. 2023
16	Lead (10% Solution)	mg/l	<0.01	<2.00	APHA 3111 Pb B,205 to 206 ,24thEd: 2023
17	Cadmium (10% Solution)	mg/l	<0.01	<0.20	APHA 3111 Cd B,205 to 206 ,24thEd: 2023
18	Hexavalent Chromium (10% Solution)	mg/l	0.054	<0.50	APHA 3500 Cr B,256 to 258 ,24thEd: 2023
19	Copper (10% Solution)	mg/l	0.0618	<10.00	APHA 3111 Cu B,205 to 206 ,24thEd: 2023
20	Nickel (10% Solution)	mg/l	0.0327	<3.00	APHA 3111 Ni B,205 to 206 ,24thEd: 2023
21	Mercury (10% Solution)	mg/l	<0.001	<0.10	APHA 3112-Hg- B, 210 to 312,24thEd:2023
22	Zinc (10% Solution)	mg/l	<0.01	<10.00	APHA 3111 Zn B,205 to 206 ,24thEd: 2023
23	Fluoride (10% Solution)	mg/l	<0.1	<50.0	APHA 4500 F C ,398 to 400 ,24thEd: 2023
24	Ammoniacal Nitrogen (10% Solution)	mg/l	19	<1000	APHA 4500-NH3-C, 425, 24thEd.: 2023
25	Cyanide (10% Solution)	mg/l	<0.01	<0.20	APHA 4500 CN C ,370 to 371 ,24thEd.:23
26	Nitrate (as NO3)	mg/l	<0.1	<30.00	APHA 4500 NO3 B ,434 to 435,24thEd.: 23
27	COD (10% Solution)	mg/l	1404	-	APHA 5220-B, 544 to 546, 24th Ed.
28	Physical State		Solid	-	SOP/HW/21: 2021

Remarks : - As per evaluated parameters, Sample is not suitable for Landfill disposal due to High Annealing Loss & Calorific Value.





**ANALYTICAL RESEARCH LABORATORY**  
**BEIL INFRASTRUCTURE LIMITED**  
(Formerly Known as Bharuch Enviro Infrastructure Ltd.)



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**TEST REPORT**

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Sample Id 001200009917 Report No / Sample TC-1305125000000913F Report Date 11-MAR-2025

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

For BEIL INFRASTRUCTURE LIMITED

AUTHORISED SIGNATORY

MR. N. B. PATEL

(QUALITY MANAGER)



## 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	<b>Complied.</b> Temporary storage of hazardous waste is provided for monsoon period. Leachate generating from the temporary storage is being collected and treated in MEE or sent to ETL.
Loading the hazardous waste in dumper	Fugitive emission	Coverage of the dumper to prevent dusting	Complied. Secured authorized dedicated closed dumpers are being used.
	Spillage of waste on the the floor	Avoid spillages by careful handling of the solid waste Clean the floor regularly and collect the waste & dispose in landfill	Complied. Handling has been carried out to avoid spillage of the solid waste. Regular cleaning is also done.
	Leakage/spillage during transportation	inspection of the dumpers and ensuring that there is no leakage/spillage	Complied. Regular inspection carried out of dumpers for detecting any leakages or spillage.
	Health impacts on the workers	Usage of Hydraulic dumpers/hook loaders to prevent manual handling Usage of PPEs by all Employees Medical checkup - pre-employment and routine	Complied. Hydraulic dumpers are used for transporting waste. Appropriate PPEs are provided to the workers while manual handling of the waste. Pre- employment and routine medical checkups are being carried out.



Transportation			
Transportation of Waste	Littering the waste on the road	Inspect the dumpers and ensure that there is no leakage/spillage from the vehicle Loaded dumpers/trucks with waste should be fully covered. Impart training to the drivers Dumpers/trucks should be leak proof	Complied. Regular inspection of the dumpers is 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 wastewater is sent for treatment.
Final Disposal			
Final Disposal of the hazardous waste into secured landfill facility	Violent reaction/ fire	Strictly to follow the acceptance criteria Check the reactivity of the wastes prior to disposal	Complied. Comprehensive and fingerprint analysis are carried out before accepting the waste to strictly following acceptance criteria for landfill.
	Excessive leachate generation in monsoon season	Cover the sub-cells of the facility with tarpaulin to prevent entry of rain water Close monitoring of the site round the clock during monsoon	Complied. Adequate covering of the sub cells with tarpaulin is done during monsoon.
	Blowing away of	Spray water during summer season	Complied. Water is being sprayed for dust suppression.



	the waste dust with the wind	Cover the waste layer with fresh soil and compact it.	And daily coverage of waste with clay layer is being done.
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	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 leachate 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	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	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



	emissions)	along the roads. Respirable dust samples are collected and analyzed periodically to ensure that the dust concentration limit is contained within the allowable limits.	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</p> <p>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</p> <p>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</p>	<p>analysis.</p> <p>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>
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	localized)		
Noise	Noise pollution (Noise levels during construction phase will be high during operational phase due to instrumental work, increased truck movement earth movers etc.	<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)</p> <p>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.</p> <p>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	<p>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.</p> <p>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.</p>	<p>Complied.</p> <p>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 with proposed expansion of TSDF phase-III, there was additional employment Opportunities for many workers during construction phase and during operational activity. In general, the implemented project had have positive environmental impacts by collecting and disposing the hazardous waste in the scientific manner, this will reduce the future health hazard.</p>
Fire and Safety	Accidents/ disasters related to fire and safety	<p>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</p> <p>Regular fire safety training will be</p>	<p>Complied.</p> <p>Since the TSDF site is already operational and this is an expansion of TSDF phase-III Disaster management plan (DMP) is already in place. A well-laid firefighting system and fire extinguishers are installed as per fire safety norm.</p> <p>Regular fire safety training will be conducted.</p>



		conducted. Road/Fire	
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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.</p> <p>Since the TSDF site is already operational and this being expansion of TSDF Phase- III, preplacement and periodical medical examination are done regularly</p> <p>BEIL continues 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.</p> <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>
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	Regular inspection and maintenance of the	Complied.



	the landfill	coverage system	Regular inspection and maintenance of the coverage system is being done.
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0/c  
**BEIL INFRASTRUCTURE LIMITED**

(Formerly Known As Bharuch Enviro Infrastructure Limited)

Date – 17<sup>th</sup> October 2024

To,  
**Director of Industrial Safety & Health,**  
2nd Floor, Multi Storeyed Building,  
Opp. Gayatrinagar,  
Bharuch-392001


**Subject:** Submission of On-Site Emergency Plan for the Year 2024-2025.

Respected Sir,


Herewith, we are submitting the “On-Site Emergency Plan” updated in October-2024 for the year of 2024-25.

Kindly acknowledge receipt of the same.

Thanking you,  
For, BEIL Infrastructure Limited, Ankleshwar.

  
Factory Manager



  
19/10/2024  
જૂનિયર ક્લાર્ક  
ઔદ્યોગિક સલામતી અને સ્વાસ્થ્ય  
ભંડાર

Encl.: As above.

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





BUREAU  
VERITAS

Bureau Veritas Certification

# BEIL INFRASTRUCTURE LIMITED



PLOT NO. 9601 - 04, 9701-16, 10001-3, GIDC INDUSTRIAL ESTATE,  
ANKLESHWAR – 393 002, DIST. BHARUCH, GUJARAT, INDIA.

*Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the Management System Standards detailed below.*

## Standards

# ISO 14001:2015 & ISO 45001:2018

## Scope of certification

**COMMON FACILITY FOR OPERATION & MAINTENANCE OF HAZARDOUS WASTE TREATMENT, STORAGE AND DISPOSAL (SECURE LANDFILL, INCINERATION & MEE) AND WASTE RELATED ANALYTICAL SERVICES**

Original cycle start date for ISO 14001: **28 March 2015**

Original cycle start date for ISO 45001: **22 May 2020**

Recertification cycle start date: **19 March 2024**

Subject to the continued satisfactory operation of the organisation's Management System, this certificate is valid until: **27 March 2027**

Certificate No. **IND.24.1074/IM/U**

Version: **1**

Issue date: **19 March 2024**

**Signed on behalf of BVCH SAS UK Branch**  
**Jagdheesh N. MANIAN**  
**Director – CERTIFICATION, South Asia**  
**Commodities, Industry & Facilities Division**

For certificate authenticity, click here  
<https://certcheck.ukas.com/>

ISO 14001	IN046087
ISO 45001	IN046088



0008

Certification body address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom.

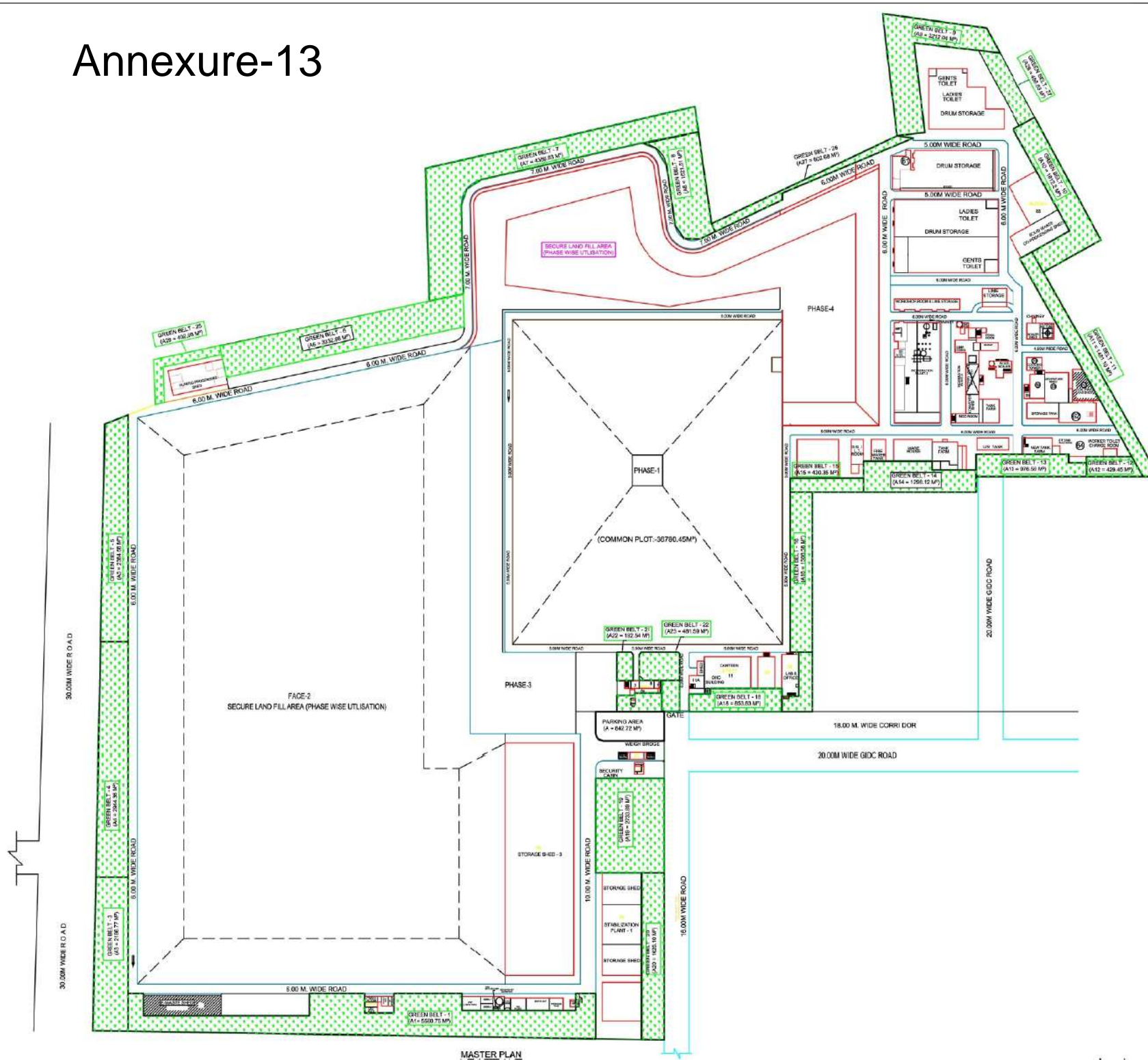
Local office: Bureau Veritas (India) Private Limited (Certification Business)  
72 Business Park, Marol Industrial Area, MIDC Cross Road "C",  
Andheri (East), Mumbai – 400 093, India.

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation.  
To check this certificate validity please call + 91 22 6274 2000.





# Annexure-13





# ગ્રામ પંચાયત સેંગપુર



# GRAM PANCHAYAT SENGPUR

મુ.પો. સેંગપુર, તા. અંકલેશ્વર, જિ. ભરૂચ

At. & Po. Sengpur, Ta. Ankleshwar, Dist. Bharuch

જાવક નં. : વી.પી. સો.સમા.ના-૩૦/૮/૨૨

તા. ૭/૮/૨૦૨૨

મંજી-સેંગપુર તા. અંકલેશ્વર ની તા. ૩૦/૮/૨૨ ની  
રોજી મળેલે સો.સમા ના ઠ. ને ૬૮૫ ની ખપ પ્રસ્તી મળે

વિષય! ૬! પ્રમુખ સ્થાનની રજીસ્ટ્રાલ  
વિષય ૬૮૫ : વનકલ્પા કલ્યાણી મંજુરી આપવા  
બાબત

હાલ ૬૮૫ : આપી હાલ કલ્યાણા આપે છે  
કે મંજી-સેંગપુર ગામે. બી.દી. આપ એવ  
દંક. ૨-૨૬૫૨. લિ. પ્રા. સેંગપુર ગામની  
સ્વર્વ નં-૮૮- કુલકોત્રકલ-૨-૮૨-૨૭,  
૮૦- ૨-૩૪-૦૫, સ્વર્વ નં- ૮૨-૩-૮૮-૫૩  
સ્વર્વ નં- ૮૮- કુ- ૨-૪૨-૭૪. ૧૫. સ્વર્વ નં-૮૮-૫૩  
વનકલ્પા કલ્યાણી મંજુરી આપવા  
આપની સમાગા સવરિગતે હાલ  
॥ હાલ ૬૮૫ સવરિગતે મળે ॥

અક્ષત ઉપરથી ખરી નહત

તલકી કમ મંજી  
ગ્રામ પંચાયત સેંગપુર  
તા. અંકલેશ્વર, જિ. ભરૂચ.



# ગામ નમુનો નંબર ૭

બ્લોક/સરવે નંબર : ૮૯

16/11/2010 05:18 pm ની સ્થિતિએ

સત્તા પ્રકાર - જમીનનો ઉપયોગ : જુની શરત (જુ.શ) - ગૌચર

મોજે : સેગપુર

ખેતરનું નામ

તાલુકો : અંકલેશ્વર

અન્ય વિગતો :

જીલ્લો : ભરુચ

લાયક જમીન	ક્ષેત્રફળ હે. આરે. ચોમી.	ખાતા નંબર/ક્ષેત્રફળ/આકાર હે. આરે. ચોમી.	નોંધ નંબરો અને કબજેદારો ના નામ
જરાયત	૨-૮૨-૨૭		૧૪૬૩,૧૯૨૫,
પો.ખ. અ	૦-૨૩-૨૭		
-----	-----	૬૯૧   ૨-૮૨-૨૭ ૧૩.૦૦	ગૌચરણ(૧૪૬૩)
કુલ ક્ષેત્રફળ	૩-૦૫-૫૪		
આકાર રૂ.	૧૩.૦૦		
જુડી તથા વિષેશધારો રૂ	૦.૦૦		
પાણીભાગ રૂ.	૦.૦૦		
ગણતીયાની વિગતો		બીજા હકો અને બીજાની વિગતો	



## ગામ નમુનો નંબર ૭

બ્લોક/સરવે નંબર : ૯૦ ✓

સત્તા પ્રકાર - જમીનનો ઉપયોગ : જુની શરત (જુ.શ.) - ગૌચર

ખેતરનું નામ :

અન્ય વિગતો :

16/11/2010 05:18 pm ની સ્થિતિએ

મોજે : સેગપુર

તાલુકો : અંકલેશ્વર

જિલ્લો : ભરુચ

લાયક જમીન	ક્ષેત્રફળ હે. આરે. ચોમી.	ખાતા નંબર/ક્ષેત્રફળ/આકાર હે. આરે. ચોમી.	નોંધ નંબરો અને કબજેદારો ના નામ
જરાયત	૨-૩૪-૦૫		૧૪૬૩,૧૯૨૫,૫૬૭૪*
પો.ખ. અ	૦-૦૩-૦૪		
કુલ ક્ષેત્રફળ	૨-૩૭-૦૯	૬૯૧   ૨-૩૪-૦૫   ૬.૦૦	ગૌચરણ(૧૪૬૩)
આકાર રૂ.	૬.૦૦		
જુડી તથા વિશેષધારો રૂ.	૦.૦૦		
પાણીભાગ રૂ.	૦.૦૦		
રૂ. તિયાની વિગતો		બીજા હકો અને બીજાની વિગતો	



## ગામ નમુનો નંબર ૭

બ્લોક/સરવે નંબર : ૯૨

16/11/2010, 05:18 pm ની સ્થિતિએ

સત્તા પ્રકાર - જમીનનો ઉપયોગ : જુની શરત (જુ.શ.) - ગૌચર

મોજ : સેગપુર

ખેતરનું નામ

તાલુકો : અંકલેશ્વર

અન્ય વિગતો :

જીલ્લો : ભરુચ

લાયક જમીન	ક્ષેત્રફળ હે. આરે. ચોમી.	ખાતા નંબર/ક્ષેત્રફળ/આકાર હે. આરે. ચોમી.	નોંધ નંબરો અને કબજેદારો ના નામ
જરાયત	3-૯૯-૬૩		૧૪૬૩,૧૯૨૫,૪૩૩૫,
પો.ખ. અ	0-૨૬-૩0		
કુલ ક્ષેત્રફળ	૪-૨૫-૯૩	૬૯૧   ૩-૯૯-૬૩   ૧૭.૦૦	ગૌચરશ(૧૪૬૩)
આકાર રૂ.	૧૭.૦૦		
જુડી તથા વિષેશધારો રૂ	0.00		
પાણીભાગ રૂ.	0.00		
શોતિયાની વિગતો		બીજા હકો અને બોજની વિગતો	



# ગામ નમુનો નંબર ૭

સરવે નંબર : ૮૮

16/11/2010 05:18 pm ની સ્થિતિએ

પ્રકાર - જમીનનો ઉપયોગ : જુની શરત (જ.શ.) - ગૌચર

મોજે : સેગપુર

નું નામ

તાલુકો : અંકલેશ્વર

વિગતો :

જીલ્લો : ભરૂચ

પ્રકાર જમીન	ક્ષેત્રફળ હે. આરે. ચોમી.	ખાતા નંબર/ક્ષેત્રફળ/આકાર હે. આરે. ચોમી.	નોંધ નંબરો અને કબજેદારો ના નામ
ત	૨-૪૧-૭૪		૧૪૬૩,૧૯૨૫,૪૩૩૫,
મારગ	૦-૦૧-૦૭		
		૬૯૧   ૨-૪૧-૭૪   ૦.૦૦	ગૌચરણ(૧૪૬૩)
ક્ષેત્રફળ	૨-૪૨-૮૧		
૨ રૂ.	૦.૦૦		
તથા વિશેષધારો રૂ.	૦.૦૦		
ભાગ રૂ.	૦.૦૦		
તિયાની વિગતો		બીજા હકો અને બીજાની વિગતો	



પ્રતિ,

કબજેદારશ્રી,

BEIL INFRASTRUCTURE LTD.

PLOT NO. 7905/E TO 795/H, 7924 TO 7927, 9401 TO G/6 TO 9601 TO 964,  
6/7, 11 TO 13, 9701 TO 9716, 9801 TO 9828, 9901 TO 9906 & 9923 TO 9928,  
GIDC ANKLESHWAR, DIST. BHARUCH.

વિષય:- સને ૧૯૪૮ના કારખાનાના અધિનિયમ અન્વયેના નકશા મંજૂર કરવા બાબત (વિસ્તૃતીકરણ)

મહાશય,

ઉપરોક્ત વિષયના સંદર્ભમાં આપના કારખાનાના નકશાની નકલ-નકલો નીચેની શરતોને આધિન રહીને મંજૂર કરી પરત કરવામાં આવે છે.

- (૧) મકાન કે વિસ્તૃતીકરણનો કારખાના તરીકે ઉપયોગ કરતા પહેલા મંજૂર થયેલ નકશામાં બતાવેલ કારખાનાનું વિસ્તૃતીકરણનું બાંધકામ, પ્લાન્ટ તથા મશીનરી અંગે સ્ટ્રક્ચરલ એન્જીનીયરીંગનું કારખાનાની મજબુતાઈ ચકાસ્યા અંગેનું સ્ટેબિલીટી સર્ટીફિકેટ ગુજરાત કારખાનાના નિયમ-૧૯૬૩ના નિયમ-૩ (ગ) હેઠળ નકકી કરેલ નમૂના-૧ (એ) માં આપવું. સાથે બાંધકામની સ્ટ્રક્ચરલ ડીટેઇલ, ડીઝાઇન અને ફોઇંગ રજુ 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 કઇ રીતે બાંધકામ સલામત છે. તેની ગણતરી સહિતની વિગત સ્ટેબિલીટી સર્ટીફિકેટ સાથે રજુ કરવી. ઉપરાંત બાંધકામની તાકાત લેબોરેટરી ટેસ્ટ કરાવીને તેના પરિણામ સાથે ગણતરીને સરખાવીને રજુ કરી તે અંગેની જાણ ડાયરેક્ટર ઓફ ઇન્ડસ્ટ્રીયલ સેફ્ટી એન્ડ હેલ્થ (કારખાનાના મુખ્ય નિરીક્ષક) ની સ્થાનિક કચેરીએ કરવાની રહેશે.
- (૨) નવું તથા વધારાનું બાંધકામ કરતા અગાઉ સ્થાનિક સત્તાવાળા જેવા કે નગરપાલિકા/નગરપંચાયત/જિલ્લા પંચાયત/ગ્રામ પંચાયત/જાહેર બાંધકામ ખાતું/જી.આઇ.ડી.સી વિગેરેની પાસેથી મંજૂરી મેળવી લેવાની રહેશે.
- (૩) તમારા કારખાનામાંથી નીકળતા વ્યવસાયિક બગાડ જેવા કે, ગંદુ પાણી, ધુમાડો, ધૂળ કે ગેસ વિગેરેના નિકાલ અંગેની જાણ વાયુ પ્રદૂષણ પાસેથી મંજૂરી મેળવવી.
- (૪) નવા કારખાના માટે નવું બાંધકામ કરેલ હોય તો BOOMWELFARE & CESS ACT ની જોગવાઈ મંજૂબ બાંધકામ ની કુલ કિંમતના ૧ ટકા લેખે સેસની રકમ સેસ કલેક્ટર સમક્ષ જમાં કરાવી તેના આધાર/પુરાવા રજૂ કરવાના રહેશે.
- (૫) સક્ષમ અધિકારી દ્વારા મંજૂર કરેલ પ્લાન પ્રમાણે બાંધકામ કરવાનું રહેશે તથા કારખાનામાં બતાવેલ ખુલ્લી રાખવાપાત્ર જગ્યાઈ ખુલ્લી જ રાખવાની રહેશે.
- (૬) કારખાનામાં કામ કરતી વખતે શ્રમયોગીઓની યોગ્ય સલામતીના સાધાનો વસાવી પુરાં પાડવાં તેમજ ઈમરજંસી વખતે શ્રમયોગીઓની સહેલાઈથી નીકળી શકે તે માટે રસ્તા/સીડીઓઅડચણ રહીત વ્યવસ્થા કાયમ માટે કરવાની રહેશે.
- (૭) સુધારેલ ગુજરાત ફેક્ટરી રૂલ્સનાં નિયમ-૬૬(એ) અન્વયે આગ પ્રતિરોધક સાધનો વસાવી નિભાવવાની રહેશે.
- (૮) સૂચિત નકશા રજૂ કરેલ હોઈ ખરેખર બાંધકામ થયા બાદ નકશા મંજૂર કરવા ભલામણ છે.
- (૯) નકશા મંજૂર થયાના ત્રણ માસમાં માન્ય ઇલેક્ટ્રિકલ ફાયર કન્ટેનમેન્ટ સીસ્ટમ ઇન્સ્ટોલ કરવાની રહેશે.

આપનો વિશ્વાસુ  
P. N. Shah

ડાયરેક્ટર

ઇન્ડસ્ટ્રીયલ સેફ્ટી એન્ડ હેલ્થ  
ગુજરાત રાજ્ય અમદાવાદ

ક્રમાંક/ડીઆઈએસએચ/અફ-નકશા/ ૨૦૨૨ / ૮૭૭૭  
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/ડેપુટી 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





ગુજરાત ઔદ્યોગિક વિકાસ નિગમ

# GUJARAT INDUSTRIAL DEVELOPMENT CORPORATION

(A GOVT. OF GUJARAT UNDERTAKING)

OFFICE OF THE EXECUTIVE ENGINEER

624/B, G.I.D.C. Administrative Office Building,

GIDC, Ankleshwar-393002

Phone : (02646) 221351

No./GIDC/XEN/ANK/PB / 1217

Date : - 201  
17 MAY 2017

To,

M/s Bhavuch Enviro Inteq.

Structure Ltd

Plot No- 7905/E TO 9928

GIDC

Ankleshwar

Sub.: Approval of drawing of the proposed / ~~Revised~~, ~~Extension~~ & ~~Altretion~~  
Factory Building / ~~Residential Building~~ / ~~Commercial Building~~ on Plot/Shed  
No. 7905/E TO 9928

at G.I.D.C., Ankleshwar.

Ref : (1) Your letter No. on line Dtd. 15/4/17  
(2) Your letter No. — Dtd. —

Dear Sir,

Gujarat Industrial Development Corporation is pleased to inform you that the plans sent by you are approved by this office for construction subject to the following conditions

1. The drawings are subject to approval by the Dy. Director, Industrial Safty & 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 CONSANT.
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 boundries of owners own plot.
10. You are requested to obtain the completion certificate from Executive Engineer GIDC, Ankleshwar, after completing the constructon 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 ream pile foundation hence no excavation upto one meter either side (inside or outside) of wall of sheds shall be done otherwise piles will be exposed and the foundation of sheds may be structurally affected causing damage to shed.
15. Payment of all outstanding dues if any of the Corporation shall be cleared & other concern department.
16. The fact of approval of the plan shall not be prejudicial of the Corporation, right to take any action under the provisions of disposal of property regulation, disposal of land regulations, lease deed, conveyance deed, from the agreement, agreement for sale, offer letter, allotment letter as well as recovery of dues of action under any act in force.
17. This approval is valid for two years only from the date of approval of plan.
18. If the underground drainage collection system is already laid near your plot, please ensure that the effluent from your premises will flow into the nearest GIDC manhole.
19. You shall have provided fire fighting provision as per national building code.
20. You are requested to provide \_\_\_\_\_ Nos. of Rain water Harvesting with percolating borewell as per Total plot area.
21. You will have to carry out construction activity, strictly as per Circular No. GIDC/O&M/CIR/ENG/ HQ/34/99 dated 25/6/99 (copy enclosed) for checks of building construction activity in plot & issuing building completion certificate.
22. Plans approval subject to condition Regarding height Between two floor more than 4.00 mt & total height more than 13.00 mt for which permission from Dy. Director/ Industrial safety & health may be obtained and produce the same to this office.
23. **IMPORTANT NOTE :**  
**STRUCTURAL SAFETY AND SAFETY MEASURE AGAINST ALL NATURAL CLAIMANTS ARE TO BE TAKEN BY YOU AND ARE NOT CHECKED BY THIS OFFICE GIDC ANKLESHWAR.**

Important Note :-  
Structural safety and Safety measures  
against all natural calamities are to be  
taken by you and are not checked by  
this office  
GIDC, Ankleshwar Division

Gujarat Industrial Development Corporation is looking forward towards completion of your factory and its successful functioning within a year.

With best wishes,

Yours faithfully

  
**EXECUTIVE ENGINEER**  
**GIDC, ANKLESHWAR.**

**Encl:** 1. Drawings two sets

2. Booklet Circular No. GIDC/O&M/CIR/ENG/HQ/34/00 dated 25/6/99.

**Copy to :**

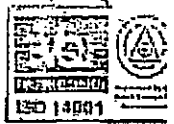
1. Asstt Manager GIDC Ankleshwar along with one copy of approved drawings for information and record Please.
2. Dy Ex. Engineer GIDC, Ankleshwar along with one copy of approved drawings
3. Chief Officer (NA), GIDC, Ankleshwar along with one copy of approved drawings
4. COPY OF S.W.R. TO SR. A.T.P GIDC Original for along with appd Layout plan.

Head Office: GIDC BLOCK No. 3 & 4 Udhbhayn Sector 11 "GH" Road, GANDHINAGAR





# BHARUCH ENVIRO INFRASTRUCTURE LTD.



SITE OFFICE : 9701-16, P.S. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH  
 PHONE : (02646) 253135, 225228

March 24, 2008

Paryavaran Suraksha Samiti  
 Vadodara

Kind attn :- Mr Rohit Prajapati

Dear Sir;

Sub :- Environmental Clearance for our TSDF Facility

Ref :- Environmental Clearance No. 10-48/2007-IA.III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSDF Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

We are enclosing herewith copy of above Environmental Clearance for your kind perusal.

We hope that you will find the same in order.

Thanking you

Yours faithfully

For, Bharuch Enviro Infrastructure Ltd

DR P N PARAMESWARAN  
 Sr General Manager (Environment)

Encl : a/a





# BHARUCH ENVIRO INFRASTRUCTURE LTD.



SITE OFFICE : 9701-16, P.S. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH  
PHONE : (02646) 253135, 225228

March 24, 2008

Centre for Environment, Science & Community  
CESCOM  
Vadodara

Kind attn :- Mr Jayesh Patel

Dear Sir;

Sub :- Environmental Clearance for our TSDF Facility

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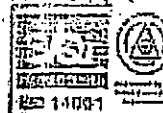
DR P N PARAMESWARAN  
Sr General Manager (Environment)

Encl : a/a





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SITE OFFICE : 9701-16, 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,

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DR P N PARAMESWARAN  
Sr General Manager (Environment)

Encl : a/a





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SITE OFFICE : 9701-16, P.E. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH

PHONE : (02646) 253135, 225228

Mr Pravinbhai P Sheth  
Senior Citizen  
Ankleshwar

Dear Sir;

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Yours faithfully

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DR P N PARAMESWARAN

Sr General Manager (Environment)

Encl : a/a





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SITE OFFICE : 9701-16, P.B. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH  
B. E. I. I. PHONE : (02646) 253135, 225228  
March 24, 2008

Paryavaran Mitra  
Ahmedabad

Kind attn :- Mr Mahesh Pandya

Dear Sir;

Sub :- Environmental Clearance for our TSDF Facility

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DR P N PARAMESWARAN  
Sr General Manager (Environment)

Encl : a/a





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SITE OFFICE : 9701-16, P.B. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH  
PHONE : (02646) 253135, 225228

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

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Yours faithfully  
For, Bharuch Enviro Infrastructure Ltd

DR P N PARAMESWARAN  
Sr General Manager (Environment)

Encl : a/a





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SITE OFFICE : 9701-16, P.E. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH  
PHONE : (02646) 253135, 225228

March 24, 2008

Mr Bipin Upadhyay  
Ankleshwar

Dear Sir;

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Sr General Manager (Environment)

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PHONE : (02646) 253135, 225228

March 24, 2008

Mr Sandeep Jaguwala, Advocate  
Ankleshwar

Dear Sir;

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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.



B E I L

SITE OFFICE : 9701-16, P.S. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH  
PHONE : (02646) 253135, 225228

March 24, 2008

The Ankleshwar Scrap Dealers' Association  
Ansar Market  
NH # 8  
Ankleshwar

Dear Sir;

Sub :- Environmental Clearance for our TSDF Facility

Ref :- Environmental Clearance No. 10-48/2007-IA.III dated 04.03.2008

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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 - 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 TSDF Facility

Ref :- Environmental Clearance No. 10-48/2007-IA.III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSDF Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

We are enclosing herewith copy of above Environmental Clearance for your kind perusal.

We hope that you will find the same in order.

Thanking you

Yours faithfully

For, Bharuch Enviro Infrastructure Ltd

DR P N PARAMESWARAN

Sr General Manager (Environment)

Encl : a/a



|| દસ્તાવેજ/પ્રમાણપત્ર સામેલ કરવામાં આવે, ૦૨. ખાનગી વ્યક્તિઓના પ્રમાણપત્ર જેના માટે આ



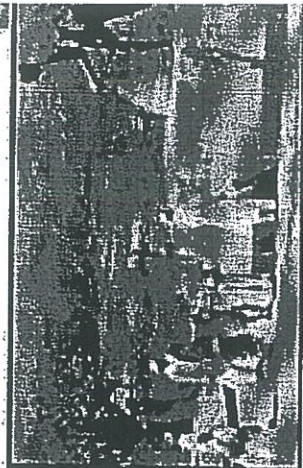
## Sea threatens to drown Dandi's history

(Mumbai Press) [Tm]

Dandi is a small town on the coast of Gujarat, India. It is famous for its salt industry. The town is situated on a narrow strip of land between the Arabian Sea and the Thar Desert. The salt industry has been the main source of livelihood for the people of Dandi for centuries. However, the sea is now threatening to drown the town's history.

Due to rising sea levels, the town is facing a serious threat. The sea is encroaching on the land, and the salt industry is being affected. The people of Dandi are worried about the future of their town. They are trying to raise awareness about the problem and are seeking help from the government.

The government has taken some steps to protect the town. It has built a sea wall and has started a reforestation program. However, more needs to be done. The people of Dandi are calling for more action from the government to protect their town and its history.



People gathered for a protest in Dandi.

The protest was held in Dandi, Gujarat, India. It was organized by the people of Dandi to demand the government to take action to protect their town and its history. The protesters were demanding that the government stop the salt industry and build a sea wall to protect the town from the sea.

The government has refused the protesters' demands. It has said that the salt industry is an important part of the economy and that it cannot be closed down. It has also said that it will build a sea wall to protect the town from the sea. However, the protesters are not satisfied with the government's response and are continuing their protest.

## BHARUCH ENVIRO INFRASTRUCTURE

Plot No. 9401 to 9404, 1001 to 1003 G-7 and 9, 9524 to 9527, 9401 to 9412, 9501 to 9506, 9505 to 9508 and 9923 to 9928, GIDC, Ankleshwar - 393 002 - Bharuch, Gujarat

## ENVIRONMENTAL CLEARANCE FOR TSDF EXPANSION AND COMMON INCINERATION FACILITY

Government of India, Ministry of Environment & Forests, New Delhi, have accorded Environmental Clearance No. 10-4/9/2007/JA/II dated 04.03.2008 to M/s. Bharuch Enviro Infrastructure Ltd., Ankleshwar for expansion of TSDF Facility. Environmental clearance can be seen at GPCB and on the web site of MoEF ([www.moef.nic.in](http://www.moef.nic.in))

### TIMES CLASSIFIEDS

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BHARUCH ENVIRO INFRASTRUCTURE LIMITED

BEIL-PH-III/MoEF/03

Date: 19.12.2014

To;  
Ministry of Environment, Forest and Climate Change  
Indira Paryavaran Bhawan  
Jal Block, 2<sup>nd</sup> Floor.  
Jor Bagh Road, Aliganj, New Delhi-110003

Received by  
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.: U45300GJ1997PLC032696

Works Office : Plot No. 9701-16 GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)

Phones: (02646) 253135, 225228 - Fax : (02646) 222849 - E-mail : panjwanla@uniphos.com

Regd. Office : Plot No. 117-118, GIDC Estate, Ankleshwar 393 002, Dist.: Bharuch. (Gujarat)



		application is attached as Annexure :2
7.  A copy of the clearance letter shall be marked to the concerned panchayat/local NGO, if any, from whom any suggestion/representation has been received while processing the proposal	Partially Complied  No documentary evidence was submitted	1) We have marked EC copy to concerned, local NGO's from whom suggestions representation have received during processing of the proposal. Copies of letters are attached as Annexure :6
9.  The project proponent should advertise at least in two local newspapers widely circulated in the region around the project one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Gujarat State Pollution Control Board and may also be seen at website of the ministry of environment & forests at <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 <i>Annexure :4 (a)</i>)</p> <p>(Copy of analysis report is available in our Half yearly Environmental Audit (Jan- 2014 to June-2014) carried out by Schedule-1 Auditor is attached as <i>Annexure:4(b)</i>)</p>
<p>11.</p> <p>Project proponent shall carry out periodical/groundwater/soil monitoring in and around the site to check the contamination including TCLP test for heavy metals</p>	<p>Partly Complied</p> <p>1) Water quality analytical reports of May 2012, November 2012 and May-2014 are showing higher concentration of Nickel and Chromium</p> <p>2) No consistency in submission of half yearly report along with compliance status</p>	<p>1) We have checked the analytical reports of May 2012, November 2012 and May-2014. The limit of in Chromium is 0.05 mg/L. &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 <i>Annexure :5</i></p> <p>2) We have obtained EC in March, 2008. We have set up second incinerator in 2012. As the project was not implemented, we have not submitted report earlier. We are regularly submitting half yearly compliance report from January, 2012. The first half yearly report was submitted for July to Dec, 2011. Copies of acknowledgements are attached as <i>Annexure:1</i></p>
<p>13</p> <p>Green belt development to a tune of 41,000 sq mts with thick canopy trees around the project site should be taken up to mitigate the impacts on the overall air quality at the site</p>	<p>Partly Complied</p> <p>1) 12,285 saplings have been grown covering an area of 50,000 Sq. Meters. Includes part of greenbelt and plantation over capped cells.</p>	<p>1) We have developed greenbelt in total area of 50,000 Sq. Meters. Approx 12485 Nos. of Plantation done. Development of greenbelt is a continuous process as long as site is operational.</p>



As per the END NOTE maximum conditions are complied and we are given details regarding specific point No. 6 and 7.

Pt No. 6: We have successfully uploaded our Compliance report on our website at [http://www.tatvaglobal.com/about\\_tatva.php](http://www.tatvaglobal.com/about_tatva.php)

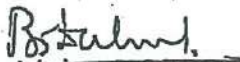
Copy of the Website page is attached as *Annexure: 9*

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 , Ravishankar Nagar  
Bhopal- 462016



## Annexure: 8(b)



बैंक ऑफ बड़ोदा Bank of Baroda

INDANK/ADV/2011-12

Date: 30.04.2011

M/S Bharuch Enviro Infrastructure Ltd  
Plot No 117 GIDC,  
Ankleshwar 393002.

Dear Sir,

Re: - Sanction of various credit facility.

We refer to your request for Review with Increase/sanction of Various credit facility of Rs.31.31 Crore as per detail given in table given hereunder and are pleased to inform that Bank have considered your request favourably and Reviewed with Increase/sanction of various credit facility for a period of 12 months on 27.04.2011 (subject to annual review) per terms and conditions and securities in the enclosed ANNEXURE-D (page 1-8).

Review with increase/sanction the following facilities:- (₹ In Crores )

S n	Nature of facilities	Existing	Proposed
1	Working Capital	0.34	0.00
2	Term Loan-I Capital Expenditure	3.50	3.17
3	Term Loan-II Capital Expenditure	0.00	9.00
4	Demand Loan Against Govt Subsidy	0.00	14.14
	Total Fund Based	3.84	26.31
	Non Fund Based		
5	Bank Guarantee (perf/financial)	5.00	5.00
	Total Non Fund Based	5.00	5.00
	Total Exposure	8.84	31.31

Though above mentioned facilities are sanctioned for a period of 12 months, Bank reserve the right to recall the facilities or alter the terms and conditions at any time during the currency of the facilities.

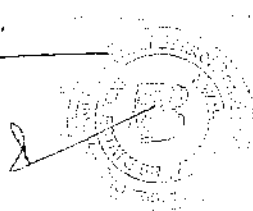
The Bank reserve the right to discontinue the facilities and to withhold/ stop disbursement without giving notice in case of non-compliance/ breach of any of the terms and conditions stipulated herein and from time to time as also in the relevant documents and if the information/particulars furnished to us are found to be incorrect or in case of any development or situation wherein in the opinion of the bank it's interest will be likely to be prejudicially affected by such continuation or disbursement.

If the above conditions are acceptable, please arrange to return one copy of this letter duly signed by the Firm and its Partners, Guarantors bearers on all pages for having accepted the terms and conditions as contained in the Annexure-D (page 1-8). On hearing from you, we shall revert for documentation and other formalities.

Due date of review: 27.04.2012

Yours Faithfully,

(V.V. Rao)  
Chief Manager





	<p>4) At each stage of disbursement, pre-disbursement inspection is to be carried out any end use of the Bank's fund to be ensured.</p> <p>5) The borrower is to submit all bills, Invoices &amp; receipts and keep in record.</p> <p>6) The borrower is to ensure that the entire project implemented time as scheduled. In case of time over run or cost over run, the matter is to be appraised to the sanctioned authority in time with remedial measures.</p>
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3) Nature of Facility	:	Demand Loan (Against Government Subsidy)-	
Limit	:	Existing Rs.0.00 crores	Proposed Rs.14.14 crore
Purpose	:	To fill-up the Gap of Subsidy (equity) to be receivable from the Govt. For Civil Construction and Purchase of Plant & Machinery and Other Capital Expenditure	
Margin	:	NA	
Rate of Interest	:	2.00% over Base Rate, i.e. 11.50% p.a. with monthly rests (concession of 3.50% - applicable rate 5.50% over Base Rate ).	
Processing charges	:	One time unified charges of 0.75% plus service tax to be recovered on sanction of the credit facility.	
Period	:	24 Months	
Repayment Schedule	:	Repayable within two years from subsidy receivable from Govt. Door to door tenor is 24Months.	
Security / Documents	:	1) D. P. Note executed by Company, under common seal supported by requisite Board Resolution. (LDOC 14) 2) Exclusive 1 <sup>st</sup> charge on Immovable and Movable assets of the company 3) Letter of instalment with acceleration clause. (LDOC 17) 4) Composite undertaking. (LDOC 134, 135 & 136)	

4) Nature of Facility	Performance/ Financial Inland Bank Guarantee	
Limit	Existing Rs.5.00 Crore	Proposed Rs. 5.00 Crore
Purpose	For issuing guarantee in favour of various organization of Govt. Performance Guarantee, Advance payment Guarantee, Guarantee lieu of earnest money, Guarantee to Government Departments etc.	
Margin	25 % cash in the form of SDR/FDR - Financial Bank Guarantee disputed nature to be secured by 100% cash margin.	
Commission	<b>Inland BG:</b> Performance: 0.20% plus Service Tax per months and thereafter on completed months & part thereof, Financial: 0.25% plus Service Tax per months and thereafter on completed months & part thereof, <b>Foreign BG:</b> As per Bank's guidelines from time to time. The commission is to be recovered upfront for the entire validity period of BG, including claim period, if any.	
Processing charges	Processing charges of 0.10% plus service tax to be recovered on sanction of the credit facility.	
Period	12 months Period of guarantee should not exceed 60 months excluding Notice period.	
Other Condition	The said facility to be secured by extension of charge on assets already charged to the bank.	
Security	1) Counter Indemnity of the company.	





Proviso	<p>Guarantees issued shall be specific &amp; unequivocal as regards: a) Amount b) Period c) Beneficiary and d) Purpose.</p> <p>The following type of guarantees shall not be issued:</p> <ol style="list-style-type: none"> <li>Guarantees having unlimited validity / maturity of more than years, except in favour of courts backed by 100% margin.</li> <li>Guarantees in respect of deposits / loans received from a person/Bank/NBFC, in lieu of their risk appraisal.</li> </ol> <p>3. The Bank Guarantee issued by the Branch shall not contain any onerous clause or liability for payment of interest. The liability of the Bank should be clearly determined in terms of amount and time. If deemed necessary, the guarantee format will be verified from the Legal officer at Regional Office.</p> <p>4. In case of invoked BG, no further guarantee is to be issued without permission from Regional office.</p>
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**Collateral securities:** All the above credit facilities to be secured by first and exclusive charge on immovable and movable assets of the company situated at Plot No 9701 to 9716, 9801 to 9828, 9901 to 9906, 9923 to 9928 (admeasuring 69849 sq mtrs) 7905/E TO 7905/H, 7924 TO 7927, 9407 TO 9412, 9501 TO 9506+G/6, TO 9601 TO 9604, G7+10001 TO 10003 GIDC, Ankleshwar including plant and machineries.

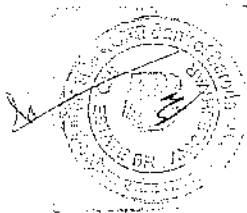
Composite Hypothecation Agreement executed by the company hypothecating all the current assets including movables machineries the credit limits availed by the company..

**Terms & Conditions to be complied with before disbursement of the fresh/ increased facilities:**

- The Company, its directors are to accept all terms & conditions of the sanction i.e. unconditional acceptance.
- The company is to pay all stipulated charges viz. Up-front fees, TFEV, stamp charges, Processing charges, Documentation charges, etc.
- The Company is to submit Board Resolution for availing of fresh/increased credit facilities and execution of security documents for the sanctioned credit facilities (LDOC-75)
- The company is to submit Title Clearance Certificates from Bank's approved advocate in respect of immovable properties mentioned at Sr. No. 1 under the head 'Common Securities'. The company is to ensure that the titles of the said properties are clear, marketable and unencumbered.
- The company is to execute all security documents including creation/extension of Equitable Mortgage. The executed documents are to be got vetted from Region Legal Department Surat. Discrepancies, if any, are to be rectified.
- All disbursement conditions specifically stipulated under the sanction of fresh/increased credit facilities are to be meticulously complied with.

**OTHER GENERAL TERMS AND CONDITIONS:**

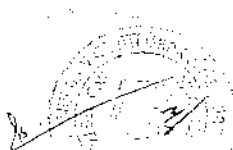
- All stipulated charges over the assets of borrower/guarantor companies are to be registered with the Registrar of the Companies (ROC) within 30 days from the date of its creation. The Branch is to obtain search report from ROC and to ensure that all our stipulated charges are duly registered.
- The company is to create/extend Equitable Mortgages of the stipulated immovable properties.





3. After creation / extension of Equitable Mortgages, the mortgaged documents are also to be got vetted from the Regional Legal Department. Discrepancies, if any, are to be rectified.
4. The sanctioned / increased credit facilities will be disbursed only after execution of stipulated security documents and compliance of various terms & conditions of the sanction to the Bank's satisfaction.
5. The Company and its directors are to undertake that during the currency of our advance, they **will**:
  - Deal exclusively with us, route all their transactions through their Cash Credit account, will not open any Current Account with other Bank/s without permission of the Bank in writing and close the Current Account/s maintained with other bank/s & furnish account closure certificate/s to the Branch.
  - Retain entire of Net Profit after Tax, as estimated/projected.
  - Bring additional long term funds to meet with the cost over run/time over run, if any.
  - Bring additional long term funds to meet with the repayment obligations of the Bank in time, if there is negative cash profit or positive cash profit is not adequate to service repayment obligations of the Bank.
  - Bring additional long term funds to meet with estimated/projected Net Working Capital, in case estimated/projected net profit is not achieved.
  - Improve and Maintain Current Ratio at minimum level of 1.33 as estimated/projected.
  - Improve and Maintain Debt Equity Ratio (TOL/TNW) at maximum level of 2.00, as estimated/projected.

Non-compliance of any abovementioned financial covenant will attract penal interest @1.00% p.a. for the period of default. (10% variance in above parameter will be permitted)
6. The Company and its directors are to undertake that during the currency of our advance, they **will not**, without the permission of the Bank in writing.
  - Implement any scheme of Expansion / Modernization / Diversification, etc., which are approved by our Bank.
  - Formulate any scheme of Merger / Acquisition / Amalgamation / Reconstitution.
  - Any Change in the management set-up / capital structure of the Company.
  - Enter in to borrowing either secured or unsecured with any other Bank / Financial institution / Corporate body.
  - Invest / deposit / lend funds to group firm & companies / directors / family members / other corporate bodies / firms / persons.
  - Create any further charge, lien or encumbrances over the assets charged to the Bank in favour of any other Bank, Financial institution, NBFC, firm, company or person or otherwise dispose off any of the fixed assets.
  - Undertake guarantee obligation on behalf of any other individual, company or firm / Companies.
  - Pay commission / brokerage / fees etc to Guarantor / or any other person for guaranteeing the facilities sanctioned to the Company.
  - Declare dividends for any year, except out of the profits related to that year, after paying all due and making provisions as required for that year, provided there is no default in repayment obligation by the Company.
  - Allow the level of net working Capital to come down from the estimated / projected level.
7. The Company is to obtain Pollution Control Certificate from Gujarat Pollution Control Board (GPCB) and submit copy of the same to the Branch.



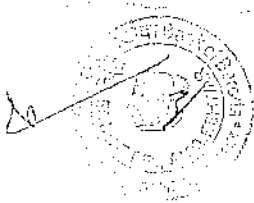


8. The Borrower is to pay up-front fee, processing charges, TEV study waiver charges, documentation charges, commitment charges, ECGC premium and inspection charges as applicable at the sanctioned rate or rates prescribed by the Bank from time to time.
9. The proper books of accounts, stock register and records of machineries are to be maintained as per the Bank's requirements and to be made available to the Bank officials / representative during inspection.
10. The securities charged to the Bank are to be inspected on bi-monthly / quarterly / half yearly intervals, as per Bank's guidelines. Inspection charges for periodical verification of stocks / machinery / securities are to be borne by the Company.
11. The Bank will have the right to examine the books of accounts and carry out inspection or valuation of assets of the Company, which are charged to the Bank, from time to time by Bank's official / technical experts / external agencies / C.A. firms / management consultants and / or valuers. The inspection / valuation charges so incurred will be borne by the Company.
12. Bank's nameplate for lien will be displayed prominently at the place of each unit, office, on hypothecated machineries and also at the place of storage of hypothecated goods.
13. All money advanced or to be advanced by the Bank will be utilized exclusively for the purpose set forth in application / project report submitted to the Bank. In case the advance is utilized or attempted to be utilized for any other purpose or if the Bank apprehends or has reasons to believe that the said loan is being utilized for any other purpose, the Bank shall have the right to recall the entire or any part of the loan / advance forthwith without assigning any reason there of.
14. The Company is to obtain comprehensive insurance policy covering insurance of various factory buildings, plant & machineries, electric installations, furniture & fixtures, vehicles, computers, equipments, stock of raw materials, work-in-progress, finished goods, residential bungalow, etc charged to and in Bank incorporating 'Bank clause'. Insurance policy should cover stocks lying at different places and should cover all risks including earthquake. The company to cover the same as far as possible under BANCASSURANCE Scheme. Insurance policy to be submitted to the Bank.
15. Valuation Reports in respect of the Factory Land & Building, other immovable assets charged to the Bank and Machineries should be obtained from the Bank approved Architect Engineer / Valuer once in every -3- years as per Bank's norms, the fees for which are to be borne by the Company. The Company is to submit list of machineries and other movable fixed assets once in a year to the Branch.
16. The Company is to obtain and continue to obtain / renew various licenses, permissions / sanctions etc from various Government Department from time to time and copy of the same should be given to the Bank.
17. The facilities are sanctioned for a period of -12- months. The renewal of the facilities will be subject to satisfactory conduct and performance for which the renewal papers i.e. latest audited / provisional financials, CMA, Income-tax returns, etc. should be submitted before -3- months of the due-date of the review or -6- months from the date of close of financial year of the Company, whichever is earlier, failing which penal interest will be charged as per Bank's guidelines.
18. The company is to submit audited financials of the Company at the earliest (irrespective of due date of renewal of facilities).



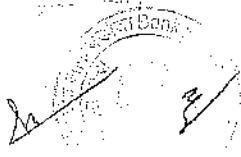


19. In case of any default in the repayment of the loan or interest, the Bank and / or RBI will have an unqualified right to disclose or publish the name of the Company / directors / guarantors as defaulter in such manner and in such medium as the Bank or the RBI in their absolute discretion may think fit.
20. The Company and the Directors / Guarantors will submit a declaration that none of them is related to any director of our Bank / any other Banking Company or to any staff of our Bank.
21. The Company would keep the Bank informed of the happening of the event that is likely to have substantial effect on the profit / business or circumstance adversely affecting its financial position.
22. The Company will use our e-banking facilities for its entire financial requirements.
23. Penal interest will be charged, @ 1.00% - 2.00% p.a., as per Bank's norms, for the following irregularities:
  - Non / Delayed payment of instalment and / or interest and / or excess over the limit.
  - Non / Delayed submission of provisional / audited financials, CMA, I. T. returns, etc for reviewal of the facilities.
  - Non / Delayed payment of invoked guarantee / devolved L/C.
  - In the event of any breach / non-compliance of any major terms and condition of the sanction (at the discretion of the Bank)
  - Non compliance of any financial covenant undertaken by the Company.
24. The company is to ensure that all the terms and conditions of the sanction are complied with in letter & spirit .
25. The advance made available under the above mentioned facilities are repayable on demand and the terms & conditions of these facilities granted, at the discretion of the Bank, are subject to change from time to time without any prior notice. The Bank reserves the right to withdraw, modify or amend the terms & conditions of advance and Bank would not bound to disburse remaining amount of advance in the event of any failure on the part of the Company in satisfaction of the stipulated terms & conditions.
26. The Bank reserves the right to discontinue the credit facilities / advance / loan and/or to withhold / stop any disbursement/s without assigning any reasons, giving any notice, in case of non-compliance / breach of any of the terms & conditions stipulated therein and from time to time as also in the relevant document or any information / particulars furnished to us found to have changed or in case of any development or situations wherein, in the opinion of the Bank, its interest will be/is likely to be prejudicially affected by such continuation or disbursement.
27. The rate of interest, margin and other charges will be subject to change as per RBI's directive / Bank's Policy from time to time.
28. The stipulated rate of interest is subject to internal credit rating (CRISIL RAM Module at present) prepared by the Branch and to be vetted by the sanctioning authority. The rate of interest is subject to change from time to time based on audited financials as on 31<sup>st</sup> March of each year, which is to be submitted before 31<sup>st</sup> October of each year for carrying out credit rating and deciding rate of interest to be charged in the account for the next year effective from 1<sup>st</sup> October for the respective year (irrespective of due date of reviewal of facilities). In case of any delay in submission of audited financials, Bank reserves the right to charge rate of interest with maximum spread along with penal interest for delay in submission of B/s.





29. Company to undertake that in case of delay or non receipt of subsidy from the Government, they will pay the demand loan on its due date from their own sources.
30. The sanction is valid for 4 months from the date of sanction.







Annexure: 8(c)

# SURTI & TALATI

**CHARTERED ACCOUNTANTS**  
(FORMERLY K. S. SURTI & CO.)

## CERTIFICATE

We have verified the relevant records and project report as shown to us by **Bharuch Enviro Infrastructure Ltd.** having registered office at Plot No. 9701, G.I.D.C. Ankleshwar, Dist. Bharuch, Gujarat and based on that we hereby certify that the projected source of fund towards expenditure proposed to be incurred to complete the expansion of existing landfill and 2<sup>nd</sup> Common Incinerator plant at GIDC, Ankleshwar was as under:

Sr. No.	Particulars	Amount (Rs. in Laes)
1.	Own Fund (Internal Accruals)	1,136.25
2.	Subsidy (State and Central Government)	2,272.50
3.	Bank Loan	1,136.25
	<b>Total Projected Source of Fund</b>	<b>4,545.00</b>

This certificate is issued at the request of the company to submit the same with Ministry of Environment and Forests (MOEF), Regional office, Bhopal.

For, Surti & Talati  
Chartered Accountants  
FRN - 114924W

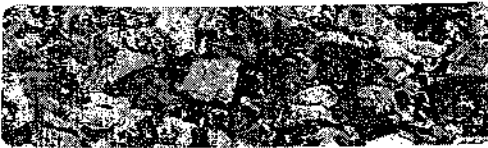
(CA. Arpan. K. Surti)  
Partner

Membership No. 125730  
Ankleshwar dated 18<sup>th</sup> December 2014



## About tatva

Tatva is one of India's largest and most diversified provider of waste management services, committed to the growing challenge of protecting the environment. Tatva provides environmental management solutions for cities, townships, municipalities, industrial estates, commercial, industrial and residential customers across the country.



Deploying cutting-edge technology to meet today's ever increasing environmental concerns, Tatva's range of services includes collection, treatment, recycling & disposal of regular and hazardous solid waste; handling, recycling & disposal of waste water; sewage treatment; planning & management of water supply to homes & industries as well as the production of valuable energy from waste.



Tatva's major operations are conducted by a number of subsidiary companies spread across India. The various projects and initiatives pursued by Tatva and its group companies have helped to reduce environmental pollution in many parts of the country considerably.



Managed by a group of highly qualified business professionals and technocrats, Tatva is a pioneer in the Indian waste management space with many 'firsts' to its credit and aims to be a leading global environmental services Company in the years to come.

## Environmental Compliance

Compliance to Condition of Environmental Clearance (January 2014 to June - 2014)

C.C. & A Order No. AWH-50809 date of issued date 29.10.2012 & Valid upto 31.07.2017

Our Identity > About us

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### Tatva Logo

See the thought behind our logo.



[Know more](#)

### Group Companies

Learn more about Tatva's subsidiary companies that handle a variety of operations & oversee several key projects.

[Know more](#)

### Milestones

Our story unfolds in laurels like the Suprat Oza Safety Award, recognition by Baroda Promoters Council.

[Know more](#)





# ANALYTICAL RESEARCH LABORATORY

## BEIL INFRASTRUCTURE LIMITED

(Formerly Known as Bharuch Enviro Infrastructure Ltd.)

### TEST REPORT

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	Gas Vent Sample		
Sample Quantity:	01	Sampling Date:	10-Jan-2025
Sampling Location:	Landfill Site Phase-4	Sample Received Date:	18-Mar-2025
Sample Collected By:	VOC Meter, Dragan Pump	Sampling Procedure:	By Instrument Method
Packing Details:	Not Applicable	Analysis Start Date:	10-Jan-2025
Fuel:	Not Applicable	Analysis Completion Date:	18-Mar-2025

#### Phase – IV Monitoring of Gas Vent Provided in SLF

Sr. No.	Location	VOC			H <sub>2</sub> S		
		Results in ppm			Results in ppm		
		10-Jan-2025	18-Feb-25	14-Mar-2025	10-Jan-2025	18-Feb-25	14-Mar-2025
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	0.3	BDL	BDL	BDL
6	VENT -06	BDL	BDL	BDL	BDL	BDL	BDL
7	VENT -07	0.3	BDL	BDL	BDL	BDL	BDL
8	VENT -08	BDL	BDL	BDL	BDL	BDL	BDL
9	VENT -09	BDL	BDL	BDL	BDL	BDL	BDL
10	VENT -10	BDL	0.2	BDL	BDL	BDL	BDL
11	VENT -11	BDL	BDL	BDL	BDL	BDL	BDL

Remarks: Report is an Quarterly Basis.

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

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY  
MR. NARENDRA B PATEL  
(TECHNICAL MANAGER)





**ANALYTICAL RESEARCH LABORATORY**  
**BEIL INFRASTRUCTURE LIMITED**

(Formerly Known as Bharuch Enviro Infrastructure Ltd.)

**TEST REPORT**

Remarks: Report is an Quarterly Basis.

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

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY  
MR. NARENDRA B PATEL  
(TECHNICAL MANAGER)





# ANALYTICAL RESEARCH LABORATORY

## BEIL INFRASTRUCTURE LIMITED

(Formerly Known as Bharuch Enviro Infrastructure Ltd.)

### TEST REPORT

26	VENT -26	BDL	BDL	BDL	BDL	BDL	BDL
27	VENT -27	BDL	BDL	BDL	BDL	BDL	BDL
28	VENT -28	BDL	BDL	BDL	BDL	BDL	BDL
29	VENT -29	BDL	BDL	BDL	BDL	BDL	BDL
30	VENT -30	BDL	BDL	BDL	BDL	BDL	BDL
31	VENT -31	BDL	BDL	BDL	BDL	BDL	BDL
32	VENT -32	BDL	BDL	BDL	BDL	BDL	BDL
33	VENT -33	BDL	BDL	BDL	BDL	BDL	BDL
34	VENT -34	BDL	BDL	0.2	BDL	BDL	BDL
35	VENT -35	0.2	BDL	BDL	BDL	BDL	BDL
36	VENT -36	BDL	BDL	BDL	BDL	BDL	BDL
37	VENT -37	BDL	BDL	BDL	BDL	BDL	BDL
38	VENT -38	BDL	BDL	BDL	BDL	BDL	BDL
39	VENT -39	BDL	BDL	BDL	BDL	BDL	BDL
40	VENT -40	BDL	BDL	BDL	BDL	BDL	BDL
41	VENT -41	BDL	BDL	BDL	BDL	BDL	BDL
42	VENT -42	BDL	BDL	BDL	BDL	BDL	BDL
43	VENT -43	BDL	BDL	BDL	BDL	BDL	BDL
44	VENT -44	BDL	BDL	BDL	BDL	BDL	BDL
45	VENT -45	BDL	BDL	BDL	BDL	BDL	BDL
46	VENT -46	BDL	BDL	BDL	BDL	BDL	BDL
47	VENT -47	BDL	BDL	BDL	BDL	BDL	BDL
48	VENT -48	BDL	0.3	BDL	BDL	BDL	BDL
49	VENT -49	BDL	BDL	BDL	BDL	BDL	BDL
50	VENT -29	BDL	BDL	BDL	BDL	BDL	BDL
51	VENT -30	BDL	BDL	BDL	BDL	BDL	BDL
52	VENT -31	BDL	BDL	BDL	BDL	BDL	BDL
53	VENT -32	BDL	BDL	BDL	BDL	BDL	BDL
54	VENT -33	BDL	BDL	BDL	BDL	BDL	BDL
55	VENT -34	BDL	BDL	BDL	BDL	BDL	BDL
56	VENT -35	BDL	BDL	BDL	BDL	BDL	BDL
57	VENT -36	BDL	BDL	BDL	BDL	BDL	BDL
58	VENT -37	BDL	BDL	BDL	BDL	BDL	BDL
59	VENT -38	BDL	BDL	BDL	BDL	BDL	BDL
60	VENT -39	BDL	BDL	BDL	BDL	BDL	BDL
61	VENT -40	BDL	BDL	BDL	BDL	BDL	BDL
62	VENT -41	BDL	BDL	BDL	BDL	BDL	BDL
63	VENT -42	BDL	BDL	BDL	BDL	BDL	BDL
64	VENT -43	BDL	BDL	BDL	BDL	BDL	BDL
65	VENT -44	BDL	BDL	BDL	BDL	BDL	BDL





# ANALYTICAL RESEARCH LABORATORY

## BEIL INFRASTRUCTURE LIMITED

(Formerly Known as Bharuch Enviro Infrastructure Ltd.)

### TEST REPORT

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	Gas Vent Sample		
Sample Quantity:	01	Sampling Date:	10-Jan-2025
Sampling Location:	Landfill Site Phase-2	Sample Received Date:	14-Mar-2025
Sample Collected By:	VOC Meter, Dragan Pump	Sampling Procedure:	By Instrument Method
Packing Details:	Not Applicable	Analysis Start Date:	10-Jan-2025
Fuel:	Not Applicable	Analysis Completion Date:	14-Mar-2025

#### Phase - II Monitoring of Gas Vent Provided in SLF

Sr. No.	Location	VOC			H <sub>2</sub> S		
		Results in ppm			Results in ppm		
		10-Jan-2025	18-Feb-25	14-Mar-2025	10-Jan-2025	18-Feb-25	14-Mar-2025
1	VENT -01	BDL	BDL	BDL	BDL	BDL	BDL
2	VENT -02	BDL	BDL	BDL	BDL	BDL	BDL
3	VENT -03	BDL	BDL	BDL	BDL	BDL	BDL
4	VENT -04	BDL	BDL	BDL	BDL	BDL	BDL
5	VENT -05	BDL	BDL	BDL	BDL	BDL	BDL
6	VENT -06	BDL	0.2	BDL	BDL	BDL	BDL
7	VENT -07	BDL	BDL	BDL	BDL	BDL	BDL
8	VENT -08	BDL	BDL	0.2	BDL	BDL	BDL
9	VENT -09	BDL	BDL	BDL	BDL	BDL	BDL
10	VENT -10	BDL	BDL	BDL	BDL	BDL	BDL
11	VENT -11	BDL	BDL	BDL	BDL	BDL	BDL
12	VENT -12	BDL	BDL	BDL	BDL	BDL	BDL
13	VENT -13	BDL	BDL	BDL	BDL	BDL	BDL
14	VENT -14	0.4	BDL	BDL	BDL	BDL	BDL
15	VENT -15	BDL	BDL	BDL	BDL	BDL	BDL
16	VENT -16	BDL	BDL	BDL	BDL	BDL	BDL
17	VENT -17	BDL	BDL	BDL	BDL	BDL	BDL
18	VENT -18	BDL	BDL	BDL	BDL	BDL	BDL
19	VENT -19	BDL	BDL	BDL	BDL	BDL	BDL
20	VENT -20	BDL	BDL	BDL	BDL	BDL	BDL
21	VENT -21	BDL	BDL	BDL	BDL	BDL	BDL
22	VENT -22	BDL	BDL	BDL	BDL	BDL	BDL
23	VENT -23	BDL	BDL	BDL	BDL	BDL	BDL
24	VENT -24	BDL	BDL	BDL	BDL	BDL	BDL
25	VENT -25	BDL	BDL	BDL	BDL	BDL	BDL





**ANALYTICAL RESEARCH LABORATORY**  
**BEIL INFRASTRUCTURE LIMITED**  
(Formerly Known as Bharuch Enviro Infrastructure Ltd.)

**TEST REPORT**

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	Gas Vent Sample		
Sample Quantity:	01	Sampling Date:	20-Oct-2024
Sampling Location:	Landfill Site Phase-4	Sample Received Date:	20-Oct-2024
Sample Collected By:	VOC Meter, Dragan Pump	Sampling Procedure:	By Instrument Method
Packing Details:	Not Applicable	Analysis Start Date:	20-Oct-2024
Fuel:	Not Applicable	Analysis Completion Date:	24-Dec-2024

Phase – IV Monitoring of Gas Vent Provided in SLF							
Sr. No.	Location	VOC			H <sub>2</sub> S		
		Results in ppm			Results in ppm		
		20-Oct-2024	14-Nov-24	24-Dec-2024	20-Oct-2024	14-Nov-24	24-Dec-2024
1	VENT -01	BDL	BDL	BDL	BDL	BDL	BDL
2	VENT -02	BDL	BDL	BDL	BDL	BDL	BDL
3	VENT -03	BDL	BDL	BDL	BDL	BDL	BDL
4	VENT -04	BDL	BDL	BDL	BDL	BDL	BDL
5	VENT -05	BDL	BDL	BDL	BDL	BDL	BDL
6	VENT -06	BDL	0.2	BDL	BDL	BDL	BDL
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	BDL	BDL	BDL	BDL	BDL
11	VENT -11	BDL	BDL	BDL	BDL	BDL	BDL

Remarks: Report is an Quarterly Basis.

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

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY  
MR. NARENDRA B PATEL  
(TECHNICAL MANAGER)





**ANALYTICAL RESEARCH LABORATORY**  
**BEIL INFRASTRUCTURE LIMITED**

(Formerly Known as Bharuch Enviro Infrastructure Ltd.)

**TEST REPORT**

Remarks: Report is on Quarterly Basis.

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

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY  
MR. NARENDRA B PATEL  
(TECHNICAL MANAGER)





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Sample Collected By:	VOC Meter, Dragan Pump	Sampling Procedure:	By Instrument Method
Packing Details:	Not Applicable	Analysis Start Date:	20-Oct-2024
Fuel:	Not Applicable	Analysis Completion Date:	24-Dec-2024

#### Phase - II Monitoring of Gas Vent Provided in SLF

Sr. No.	Location	VOC			H <sub>2</sub> S		
		Results in ppm			Results in ppm		
		20-Oct-2024	14-Nov-24	24-Dec-2024	20-Oct-2024	14-Nov-24	24-Dec-2024
1	VENT -01	BDL	BDL	BDL	BDL	BDL	BDL
2	VENT -02	BDL	BDL	BDL	BDL	BDL	BDL
3	VENT -03	BDL	BDL	BDL	BDL	BDL	BDL
4	VENT -04	BDL	BDL	BDL	BDL	BDL	BDL
5	VENT -05	BDL	BDL	BDL	BDL	BDL	BDL
6	VENT -06	BDL	BDL	BDL	BDL	BDL	BDL
7	VENT -07	BDL	BDL	BDL	BDL	BDL	BDL
8	VENT -08	BDL	BDL	0.2	BDL	BDL	BDL
9	VENT -09	0.4	BDL	BDL	BDL	BDL	BDL
10	VENT -10	BDL	BDL	BDL	BDL	BDL	BDL
11	VENT -11	BDL	BDL	BDL	BDL	BDL	BDL
12	VENT -12	BDL	BDL	BDL	BDL	BDL	BDL
13	VENT -13	BDL	BDL	BDL	BDL	BDL	BDL
14	VENT -14	BDL	0.2	BDL	BDL	BDL	BDL
15	VENT -15	BDL	BDL	BDL	BDL	BDL	BDL
16	VENT -16	BDL	BDL	BDL	BDL	BDL	BDL
17	VENT -17	BDL	BDL	BDL	BDL	BDL	BDL
18	VENT -18	BDL	BDL	BDL	BDL	BDL	BDL
19	VENT -19	BDL	BDL	BDL	BDL	BDL	BDL
20	VENT -20	BDL	BDL	BDL	BDL	BDL	BDL
21	VENT -21	BDL	BDL	BDL	BDL	BDL	BDL
22	VENT -22	BDL	BDL	BDL	BDL	BDL	BDL
23	VENT -23	BDL	BDL	BDL	BDL	BDL	BDL
24	VENT -24	BDL	BDL	BDL	BDL	BDL	BDL
25	VENT -25	0.1	BDL	BDL	BDL	BDL	BDL

Regd. Office & Works Office : Plot No. 9701-16, GIDC Estate, Post Box No. 82, Ankleshwar - 393 002, Dist. : Bharuch (Gujarat)

Tel. : 9909994996 Web : [www.beil.co.in](http://www.beil.co.in) E-mail : [patelnb1@beil.co.in](mailto:patelnb1@beil.co.in), [dhaval.upasani@beil.co.in](mailto:dhaval.upasani@beil.co.in)

CIN NO. U45300GJ1997PLC032696

Terms & Condition are on backside





# ANALYTICAL RESEARCH LABORATORY

## BEIL INFRASTRUCTURE LIMITED

(Formerly Known as Bharuch Enviro Infrastructure Ltd.)

### TEST REPORT

25	VENT -25	0.1	BDL	BDL	BDL	BDL	BDL
26	VENT -26	BDL	BDL	BDL	BDL	BDL	BDL
27	VENT -27	BDL	BDL	BDL	BDL	BDL	BDL
28	VENT -28	BDL	BDL	BDL	BDL	BDL	BDL
29	VENT -29	BDL	BDL	BDL	BDL	BDL	BDL
30	VENT -30	BDL	BDL	BDL	BDL	BDL	BDL
31	VENT -31	BDL	BDL	0.3	BDL	BDL	BDL
32	VENT -32	BDL	BDL	BDL	BDL	BDL	BDL
33	VENT -33	BDL	BDL	BDL	BDL	BDL	BDL
34	VENT -34	BDL	BDL	BDL	BDL	BDL	BDL
35	VENT -35	BDL	BDL	BDL	BDL	BDL	BDL
36	VENT -36	BDL	BDL	BDL	BDL	BDL	BDL
37	VENT -37	BDL	BDL	BDL	BDL	BDL	BDL
38	VENT -38	BDL	0.3	BDL	BDL	BDL	BDL
39	VENT -39	BDL	BDL	BDL	BDL	BDL	BDL
40	VENT -40	0.2	BDL	BDL	BDL	BDL	BDL
41	VENT -41	BDL	BDL	BDL	BDL	BDL	BDL
42	VENT -42	BDL	BDL	BDL	BDL	BDL	BDL
43	VENT -43	BDL	BDL	0.2	BDL	BDL	BDL
44	VENT -44	BDL	BDL	BDL	BDL	BDL	BDL
45	VENT -45	BDL	BDL	BDL	BDL	BDL	BDL
46	VENT -46	BDL	BDL	BDL	BDL	BDL	BDL
47	VENT -47	BDL	BDL	BDL	BDL	BDL	BDL
48	VENT -48	BDL	BDL	BDL	BDL	BDL	BDL
49	VENT -49	BDL	BDL	BDL	BDL	BDL	BDL
50	VENT -29	BDL	BDL	BDL	BDL	BDL	BDL
51	VENT -30	BDL	BDL	BDL	BDL	BDL	BDL
52	VENT -31	BDL	BDL	BDL	BDL	BDL	BDL
53	VENT -32	BDL	BDL	BDL	BDL	BDL	BDL
54	VENT -33	BDL	BDL	BDL	BDL	BDL	BDL
55	VENT -34	BDL	BDL	BDL	BDL	BDL	BDL
56	VENT -35	BDL	BDL	BDL	BDL	BDL	BDL
57	VENT -36	BDL	BDL	BDL	BDL	BDL	BDL
58	VENT -37	BDL	BDL	BDL	BDL	BDL	BDL
59	VENT -38	BDL	BDL	BDL	BDL	BDL	BDL
60	VENT -39	0.3	BDL	BDL	BDL	BDL	BDL
61	VENT -40	BDL	BDL	BDL	BDL	BDL	BDL
62	VENT -41	BDL	BDL	BDL	BDL	BDL	BDL
63	VENT -42	BDL	BDL	BDL	BDL	BDL	BDL
64	VENT -43	BDL	BDL	BDL	BDL	BDL	BDL
65	VENT -44	BDL	BDL	BDL	BDL	BDL	BDL





## BHARUCH ENVIRO INFRASTRUCTURE LIMITED

To,  
Member Secretary,  
Gujarat Pollution Control Board  
Paryavaran Bhavan,  
Sector-10, Gandhinagar.

Date: 9.01.2016

**Subject: EC for Common Hazardous Waste Secured Landfill Phase-III vide letter F.No.10-10/2014-IA.III dated 31/12/2015.**

Dear Sir,

BEIL is operating a Common facility consisting of secured land filling and Incinerator system and located at plot No # 9701-9716, 9801-9828, 9901-9928, 9601-9604, 10001-10008, G-7 & 8, 7924-7927, 9401-9412, 9501-9506, 7905 E To H, GIDC estate, Ankleshwar-393002, Dist. Bharuch, Gujarat.

We have received **Environmental Clearance** vide letter **F.No.10-10/2014-IA.III** dated **31/12/2015** from 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:**

- ✓ 1. Mr. K.C. Mistry, Sr. Environment Scientist  
Gujarat Pollution Control Board  
Paryavaran Bhavan,  
Sector-10, Gandhinagar.







[illegible][illegible]

**ભાભર નગરપાલિકા**  
ગાંધી રોડ, ભાભર-૩૮૫૩૨૦, જિ.બનાસકાંઠા  
ફોન નં.૦૨૭૩૫-૨૨૨૧૩૩, ફેક્સ : ૨૨૨૧૩૩  
ઓનલાઇન ટેન્ડરની જાહેર નિયિદા

[illegible]

માટે વિગતોની તપાસ કરવાના સમય	
૧૮-૧૨-૨૦૧૮ થી ૩૧-૦૩-૨૦૧૯ સુધી સુધારેલા પરીણામો જાહેરમાં મળી શકે, અથવા સ્થળે જ	૧૩-૧-૨૦૧૯ થી ૩૧/૦૩/૨૦૧૯ સુધી બીજા બિડદારોએ, નાના, મધ્યમ અને મોટા બિડદારો
ડિલિવરી સમય: ૦૮-૦૩-૨૦૧૯ થી ૦૧-૦૪-૨૦૧૯	૧૩-૧-૨૦૧૯ થી ૩૧-૦૩-૨૦૧૯
ડિલિવરી સમય: ૦૮-૦૩-૨૦૧૯ થી ૦૧-૦૪-૨૦૧૯	૧૩-૧-૨૦૧૯ થી ૩૧-૦૩-૨૦૧૯

કમિશન અને વાપરે માલિકી માટે રૂપિયાકેટલો વેપારીનાં  
 WWW.STATE-TRADER.COM પરથી જાહેરમાં સુધારેલા પરીણામો, સરકાર કમિશન અને વાપરે માલિકી માટે રૂપિયાકેટલો વેપારીનાં

**કોઈ કોઈકે**  
**સાધારણ વેપારીઓ**

કમિશન : ૦.૦૦૦૫ / ૦.૦૦૦૦૫ / ૦.૦૦૦૦૦૫

**મહાન**  
**સાધારણ વેપારીઓ**

કમિશન : ૦.૦૦૦૫ / ૦.૦૦૦૦૫ / ૦.૦૦૦૦૦૫



**ઑયિલ એન્ડ નેચુરલ ગેસ કોર્પોરેશન લિમિટેડ**  
**OIL AND NATURAL GAS CORPORATION LTD.**

**મેહસાના પરીસ્થળો / MEHSANA ASSET**

DGM (Civil), In-Charge, Tech & Tender Cell, ONGC, Mehsana Asset, Mehsana, invites e-bids in two bid system through ONGC's e-procurement portal as details given below. **Tender No. EC23E16001.** Scope of work & technical specification: Rate Contract for Civil Works for Drill Sites for Deployment of Drilling Rigs in Mehsana State for Two Years (2016-18). **Tender Fee: ₹ 1,000/-**. Duration of Contract: Two Years, Start date and time of participation in website: 11-01-2016 At 10:00 Hrs. Last date and time of tender fee payment: 11-02-2016 At 17:00 Hrs. Last date and time of receipt of bids in e-tender website: Up to 14:00 Hrs. on 02-02-2016. Last date of time of opening technical commercial bids: At 15:00 Hrs. 02-02-2016

**મેહસાના પરીસ્થળો / MEHSANA ASSET**

MEHCNDET-173

**CORRIGENDUM**

**Name of Work:** REYAMPING OF EAKTHING SYSTEM AT  
VARIOUS INSTALLATIONS, EXITING TENDER NO.  
EYVIC15947 TO BE READ AS: TENDER NO. EYVIC16001.

MIN.CENT-17:295-16

**संलग्नित सूचनाएँ / MEHSANA ASSET**

DGM-Jachand Ntd, ONGC, Mehsana Asset invites E-bids in Two Bids  
under: **Tender No:** E16/C616001 **Brief Description:** Hiring of  
services of Operation and Maintenance for South Santhal Ethanol  
Treatment Plant (ETP), Mehsana Asset, Contract Period: Five years  
**Tender Fee:** ₹ 500/- (Rupees Five Hundred) **Period of Sale of  
Tender Document:** from 08.01.2016 (10:00 Hrs.) to 08.03.2016 (14:00  
Hrs.) **Last Date of Receipt of Clarifications for Pre-Bid Conference:**  
03.02.2016 **Pre-Bid Conference Date/Time:** 08.02.2016 at 11.00 Hrs.  
**Techno-commercial Bid Closing/Opening Date/Time:** 08.03.2016 at  
14:00 Hrs. / 15:00 Hrs. MIN.CENT-17:295-16

**संलग्नित सूचनाएँ / MEHSANA ASSET**

Tender No: E16/C616001 **Scope of Work:** Supply of water samples  
at various locations at ONGC Naga Mehsana Time Limit: Two  
Months **Tender Download Period:** 08.01.2016 from 10:00 Hrs. to  
28.01.2016 upto 17:00 Hrs. **Tender Fee:** INR 500.00 Physical Bid  
Submission Closing Date and Time: 29.01.2016 upto 14:00 Hrs. **Bid  
Opening Date and Time:** 29.01.2016 (15:00 Hrs.) MIN.CENT-17:295-16

**संलग्नित सूचनाएँ / MEHSANA ASSET**

DGM-JMC Ntd, ONGC, Mehsana Asset invites E-bids under  
National Competitive Bidding (NCB) tender as per  
details given below:

**Tender No:** E17/C616002 **Brief Description:** Procurement of  
Supply of Mining Cables for Mehsana Asset **Delivers Period:**  
Five (05) months from date of issue of NGA, Tender Fee: Rs.  
500/-, **Period of Sale of Tender Document:** From 08.01.2016  
10:00 Hrs. to 29.01.2016 (14:00 Hrs.) **Techno-commercial Bid  
Closing Date:** 29.01.2016 at 14:00, **Techno-commercial Bid  
Opening Date/Time:** 29.01.2016 (15:00 Hrs.) MIN.CENT-17:295-16





0/c  
BHARUCH ENVIRO INFRASTRUCTURE LIMITED

Ref.: BEIL/ANK/MoEF/2017

Date: 12.08.2017

PCB ID: 14983

To,  
**Mr. B. B. Barman, Scientist F**  
**Ministry of Environment, Forest & Climate Change**  
Western Region Office,  
Kendriya Paryavaran Bhavan,  
Link Road No.3, E-5 Ravishankar Nagar  
Bhopal-462016

Sub: Environmental Clearance received for Proposed Enhancement of Capacity change in configuration of Incinerator Plant at BEIL, Ankleshwar unit.

Ref: Environmental Clearance F. No. 10-10/2014-IA-III dated 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*  
**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)





Government of Gujarat

## Dakshin Gujarat Vij Company Limited

(A Government of Gujarat Undertaking) CIN U40102GJ2003SGC042909

## Industrial Division, Ankleshwar

DGVCL Campus, Opp. ONGC Workshop, Ta. Ankleshwar-393001, Dist. Bharuch, Gujarat.  
Phone No. 02646 245252,247950, Toll Free No.: 1800-233-3003, E-mail: eeank.dgvcl@gebmil.com  
Registered Office : "Urja Sadan" Nana Varachha Road, Kapodara, Nr. Gajjar Petrol Pump, Surat-395006 (Gujarat)



## Certificate

To Whomsoever It May Concern

**M/S BEIL INFRASTRUCTURE LIMITED**, at Plant Address: Plot No. G7&8 with Road No. 1&2, Road No. 1to4 & Ele. Lines G.S. & Area of Plot. 191510.33 Sq. MTR, Road No. South 14/A-16 MTR Between Plot No. 9901 to 9906 & 9815-9828, 7905/E-7905/H, 7924-7927, 9401-9412, 9501-9506, 9601-9604, 9701-9716, 9801-828, 9901-9906, 9923-9928, 10001-10003, Ta. Ankleshwar-393002, Dist. Bharuch, Gujarat. HT Connection having Consumer No. **39697**, Having Contract Demand **1500 KVA**, Power release on dated **03-11-2004** is high tension consumer of Dakshin Gujarat Vij Company Limited as per this office record.

**Executive Engineer**  
**DGVCL, Ankleshwar**

(REF.: Consumer letter dated 19-07-2023)

To,

**M/S BEIL INFRASTRUCTURE LIMITED,**

Plot No. G7&8 with Road No. 1&2, Road No. 1to4 & Ele. Lines G.S.  
& Area of Plot. 191510.33 Sq. MTR, Road No. South 14/A-16  
MTR between Plot No. 9901 to 9906 & 9815-9828, 7905/E-7905/H,  
7924-7927, 9401-9412, 9501-9506, 9601-9604, 9701-9716,  
9801-828, 9901-9906, 9923-9928, 10001-10003,  
Ta. Ankleshwar-393002, Dist. Bharuch, Gujarat.

Signature valid

Signed by: Hemang  
Rameshchandra Modi  
Executive Engineer  
Date: 2023.10.17 18:03:26  
+05:30

File No: DGVCLDANKI/Certificate/e-file/4441/2023/1197/Account

Approved By: Hemang Rameshchandra Modi(Executive Engineer,Tech

Open the document in Adobe Acrobat DC to verify the E-sign





Parameter Report

BEIL Infrastructure Limited

Generated On

2025-04-26 09:52:57

Generated By

bhavin.modi@beil.co.in

Period

2024-10-01 00:00:00 - 2025-03-31 09:50:00

Station Type

CEMS

Stations

SPD-STACK

Parameters

NOX,SO2,PM

S.No.	Time	SPD-STACK NOX (ppm)(avg)	SPD-STACK PM (mg/m³)(avg)	SPD-STACK SO2 (ppm)(avg)
1	2024-10-01 00:00:00:000	0.0	42.09	0.0
2	2024-10-02 00:00:00:000	0.0	48.33	0.0
3	2024-10-03 00:00:00:000	0.0	45.01	0.0
4	2024-10-04 00:00:00:000	0.0	38.36	0.0
5	2024-10-05 00:00:00:000	0.0	40.94	0.0
6	2024-10-06 00:00:00:000	0.0	37.39	0.0
7	2024-10-07 00:00:00:000	0.0	37.5	0.0
8	2024-10-08 00:00:00:000	0.0	40.18	0.0
9	2024-10-09 00:00:00:000	0.0	29.74	0.0
10	2024-10-10 00:00:00:000	0.0	30.64	0.0
11	2024-10-11 00:00:00:000	0.0	30.26	0.0
12	2024-10-12 00:00:00:000	0.0	31.37	0.0
13	2024-10-13 00:00:00:000	0.0	29.45	0.0
14	2024-10-14 00:00:00:000	0.0	33.72	0.0
15	2024-10-15 00:00:00:000	1.47	31.31	0.0
16	2024-10-16 00:00:00:000	0.0	32.81	0.0
17	2024-10-17 00:00:00:000	0.0	32.19	0.0
18	2024-10-18 00:00:00:000	0.0	35.66	0.0
19	2024-10-26 00:00:00:000	14.54	2.47	0.0
20	2024-10-27 00:00:00:000	21.48	15.56	0.0
21	2024-10-28 00:00:00:000	4.58	43.16	0.0



S.No.	Time	SPD-STACK NOX (ppm)(avg)	SPD-STACK PM (mg/m³)(avg)	SPD-STACK SO2 (ppm)(avg)
22	2024-10-29 00:00:00:000	8.77	39.41	0.0
23	2024-10-30 00:00:00:000	13.88	40.87	0.0
24	2024-10-31 00:00:00:000	13.15	40.99	0.0
25	2024-11-01 00:00:00:000	5948.37	41.88	0.0
26	2024-11-02 00:00:00:000	2513.4	44.53	0.0
27	2024-11-03 00:00:00:000	1290.34	44.07	0.0
28	2024-11-04 00:00:00:000	4316.02	33.34	0.0
29	2024-11-05 00:00:00:000	1811.13	32.62	0.0
30	2024-11-06 00:00:00:000	0.0	24.4	0.0
31	2024-11-07 00:00:00:000	0.0	32.91	0.0
32	2024-11-08 00:00:00:000	0.0	31.55	0.0
33	2024-11-09 00:00:00:000	0.0	31.98	0.0
34	2024-11-10 00:00:00:000	0.0	33.73	0.0
35	2024-11-11 00:00:00:000	0.0	23.73	0.0
36	2024-11-12 00:00:00:000	0.0	27.66	0.0
37	2024-11-13 00:00:00:000	0.0	33.4	0.0
38	2024-11-14 00:00:00:000	0.0	27.25	0.0
39	2024-11-15 00:00:00:000	0.0	33.7	0.0
40	2024-11-16 00:00:00:000	0.0	29.41	0.0
41	2024-11-17 00:00:00:000	0.0	32.56	0.0
42	2024-11-18 00:00:00:000	0.0	26.45	0.0
43	2024-11-19 00:00:00:000	0.0	26.22	0.0
44	2024-11-20 00:00:00:000	0.0	33.54	0.0
45	2024-11-21 00:00:00:000	0.0	28.97	0.0
46	2024-11-22 00:00:00:000	0.0	29.96	0.0
47	2024-11-23 00:00:00:000	0.0	31.31	0.0
48	2024-11-24 00:00:00:000	0.0	26.16	0.0



S.No.	Time	SPD-STACK NOX (ppm)(avg)	SPD-STACK PM (mg/m³)(avg)	SPD-STACK SO2 (ppm)(avg)
49	2024-11-25 00:00:00:000	0.0	18.37	0.0
50	2024-11-26 00:00:00:000	0.0	25.51	0.0
51	2024-11-27 00:00:00:000	0.0	30.57	0.0
52	2024-11-28 00:00:00:000	0.0	32.94	0.0
53	2024-11-29 00:00:00:000	0.0	29.25	0.0
54	2024-11-30 00:00:00:000	0.0	28.24	0.0
55	2024-12-01 00:00:00:000	0.0	31.28	0.0
56	2024-12-02 00:00:00:000	0.0	30.11	0.0
57	2024-12-03 00:00:00:000	0.0	23.78	0.0
58	2024-12-04 00:00:00:000	0.0	40.51	0.0
59	2024-12-05 00:00:00:000	0.0	37.48	0.0
60	2024-12-06 00:00:00:000	0.0	14.38	0.0
61	2024-12-07 00:00:00:000	0.0	32.57	0.0
62	2024-12-08 00:00:00:000	0.0	35.87	0.0
63	2024-12-09 00:00:00:000	0.0	25.61	0.0
64	2024-12-10 00:00:00:000	0.0	20.49	0.0
65	2024-12-11 00:00:00:000	0.0	24.36	0.0
66	2024-12-12 00:00:00:000	0.0	30.3	0.0
67	2024-12-13 00:00:00:000	0.0	29.33	0.0
68	2024-12-14 00:00:00:000	0.0	33.55	0.0
69	2024-12-15 00:00:00:000	0.0	33.76	0.0
70	2024-12-16 00:00:00:000	0.0	34.67	0.0
71	2024-12-17 00:00:00:000	0.0	29.11	0.0
72	2024-12-18 00:00:00:000	0.0	32.87	0.0
73	2024-12-19 00:00:00:000	0.0	31.06	0.0
74	2024-12-20 00:00:00:000	0.0	20.44	0.0
75	2024-12-21 00:00:00:000	0.0	38.69	0.0



S.No.	Time	SPD-STACK NOX (ppm)(avg)	SPD-STACK PM (mg/m³)(avg)	SPD-STACK SO2 (ppm)(avg)
76	2024-12-22 00:00:00:000	0.0	40.51	0.0
77	2024-12-23 00:00:00:000	0.0	38.68	0.0
78	2024-12-24 00:00:00:000	0.0	37.43	0.0
79	2024-12-25 00:00:00:000	0.0	27.36	0.0
80	2024-12-26 00:00:00:000	0.0	36.6	0.0
81	2024-12-27 00:00:00:000	0.0	36.01	0.0
82	2024-12-28 00:00:00:000	0.0	40.64	0.0
83	2024-12-29 00:00:00:000	0.0	33.17	0.0
84	2024-12-30 00:00:00:000	0.0	16.58	0.0
85	2024-12-31 00:00:00:000	0.0	39.63	0.0
86	2025-01-01 00:00:00:000	0.0	36.9	0.0
87	2025-01-02 00:00:00:000	0.0	27.76	0.0
88	2025-01-03 00:00:00:000	0.0	26.79	0.0
89	2025-01-04 00:00:00:000	0.0	30.86	0.0
90	2025-01-05 00:00:00:000	0.0	36.29	0.0
91	2025-01-06 00:00:00:000	0.0	34.5	0.0
92	2025-01-07 00:00:00:000	0.0	38.61	0.0
93	2025-01-08 00:00:00:000	0.0	38.06	0.0
94	2025-01-09 00:00:00:000	0.0	33.6	0.0
95	2025-01-10 00:00:00:000	0.0	42.36	0.0
96	2025-01-11 00:00:00:000	0.0	32.27	0.0
97	2025-01-12 00:00:00:000	0.0	41.16	0.0
98	2025-01-13 00:00:00:000	0.0	34.43	0.0
99	2025-01-14 00:00:00:000	0.0	40.45	0.0
100	2025-01-15 00:00:00:000	0.0	22.49	0.0
101	2025-01-16 00:00:00:000	0.0	32.81	0.0
102	2025-01-17 00:00:00:000	0.0	36.97	0.0



S.No.	Time	SPD-STACK NOX (ppm)(avg)	SPD-STACK PM (mg/m³)(avg)	SPD-STACK SO2 (ppm)(avg)
103	2025-01-18 00:00:00:000	0.0	34.99	0.0
104	2025-01-19 00:00:00:000	0.0	36.36	0.0
105	2025-01-20 00:00:00:000	0.0	21.75	0.0
106	2025-01-21 00:00:00:000	0.0	36.48	0.0
107	2025-01-22 00:00:00:000	0.0	41.58	0.0
108	2025-01-23 00:00:00:000	0.0	41.51	0.0
109	2025-01-24 00:00:00:000	0.0	35.82	0.0
110	2025-01-25 00:00:00:000	0.0	33.78	0.0
111	2025-01-26 00:00:00:000	0.0	42.82	0.0
112	2025-01-27 00:00:00:000	0.0	29.76	0.0
113	2025-01-28 00:00:00:000	0.0	42.69	0.0
114	2025-01-29 00:00:00:000	0.0	43.08	0.0
115	2025-01-30 00:00:00:000	0.0	39.07	0.0
116	2025-01-31 00:00:00:000	0.0	33.38	0.0
117	2025-02-01 00:00:00:000	9.05	40.41	0.0
118	2025-02-02 00:00:00:000	20.64	42.34	0.0
119	2025-02-03 00:00:00:000	8.11	38.94	0.0
120	2025-02-04 00:00:00:000	3.17	32.81	0.0
121	2025-02-05 00:00:00:000	3.26	37.03	0.0
122	2025-02-06 00:00:00:000	3.27	41.74	0.0
123	2025-02-07 00:00:00:000	3.05	41.75	0.0
124	2025-02-08 00:00:00:000	2.68	34.12	0.0
125	2025-02-09 00:00:00:000	2.43	33.41	0.0
126	2025-02-10 00:00:00:000	2.21	41.92	0.0
127	2025-02-11 00:00:00:000	2.69	37.74	0.0
128	2025-02-12 00:00:00:000	4.57	36.16	0.0
129	2025-02-13 00:00:00:000	3.91	34.35	0.0



S.No.	Time	SPD-STACK NOX (ppm)(avg)	SPD-STACK PM (mg/m³)(avg)	SPD-STACK SO2 (ppm)(avg)
130	2025-02-14 00:00:00:000	2.8	37.38	0.0
131	2025-02-15 00:00:00:000	2.84	41.35	0.0
132	2025-02-16 00:00:00:000	1.3	43.12	0.0
133	2025-02-17 00:00:00:000	1.32	39.87	0.0
134	2025-02-18 00:00:00:000	15.15	38.96	0.0
135	2025-02-19 00:00:00:000	17.38	42.38	0.0
136	2025-02-20 00:00:00:000	15.13	30.54	0.0
137	2025-02-21 00:00:00:000	17.99	40.77	0.0
138	2025-02-22 00:00:00:000	29.03	38.7	0.0
139	2025-02-23 00:00:00:000	36.08	38.68	0.0
140	2025-02-24 00:00:00:000	32.08	40.85	0.0
141	2025-02-25 00:00:00:000	22.27	40.61	0.0
142	2025-02-26 00:00:00:000	35.04	38.38	0.0
143	2025-02-27 00:00:00:000	37.98	36.56	0.0
144	2025-02-28 00:00:00:000	22.63	27.66	0.0
145	2025-03-01 00:00:00:000	16.29	34.1	0.0
146	2025-03-02 00:00:00:000	15.83	40.72	0.0
147	2025-03-03 00:00:00:000	18.88	35.17	0.0
148	2025-03-04 00:00:00:000	18.45	31.09	0.0
149	2025-03-05 00:00:00:000	13.9	35.4	0.0
150	2025-03-06 00:00:00:000	18.92	38.84	0.0
151	2025-03-07 00:00:00:000	33.65	39.0	0.0
152	2025-03-08 00:00:00:000	24.94	29.56	0.0
153	2025-03-09 00:00:00:000	28.4	43.36	0.0
154	2025-03-10 00:00:00:000	2740.8	25.23	0.0
155	2025-03-11 00:00:00:000	2513.56	71.03	0.0
156	2025-03-12 00:00:00:000	6.48	59.76	0.0



S.No.	Time	SPD-STACK NOX (ppm)(avg)	SPD-STACK PM (mg/m³)(avg)	SPD-STACK SO2 (ppm)(avg)
157	2025-03-13 00:00:00:000	6.39	32.99	0.0
158	2025-03-14 00:00:00:000	6.79	35.08	0.0
159	2025-03-15 00:00:00:000	5.79	28.89	0.0
160	2025-03-16 00:00:00:000	5.93	26.28	0.0
161	2025-03-17 00:00:00:000	6.11	34.96	0.0
162	2025-03-18 00:00:00:000	6.77	17.85	0.0
163	2025-03-19 00:00:00:000	6.8	28.4	0.0
164	2025-03-20 00:00:00:000	6.48	32.14	0.0
165	2025-03-21 00:00:00:000	7.02	35.76	0.0
166	2025-03-22 00:00:00:000	6.74	26.07	0.0
167	2025-03-23 00:00:00:000	6.61	23.27	0.0
168	2025-03-24 00:00:00:000	7.44	30.72	0.0
169	2025-03-25 00:00:00:000	7.44	29.26	0.0
170	2025-03-26 00:00:00:000	7.04	23.45	0.0
171	2025-03-27 00:00:00:000	7.24	22.38	0.0
172	2025-03-28 00:00:00:000	7.11	21.35	0.0
173	2025-03-29 00:00:00:000	7.7	38.11	0.0
174	2025-03-30 00:00:00:000	7.83	30.24	0.0
175	2025-03-31 00:00:00:000	7.36	N/A	0.0



Parameter Report

BEIL Infrastructure Limited

Generated On

2025-04-26 09:52:36

Generated By

bhavin.modi@beil.co.in

Period

2024-10-01 00:00:00 - 2025-03-31 09:50:00

Station Type

CEMS

Stations

INC-2,INC-1

Parameters

NOX,SO2,PM

S.No.	Time	INC-1 NOX (mg/nm³)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)
1	2024-10-01 00:00:00:000	0.0	0.58	0.21	0.0	21.96	0.0
2	2024-10-02 00:00:00:000	0.0	1.73	0.23	0.0	23.53	0.0
3	2024-10-03 00:00:00:000	0.04	30.15	0.27	0.0	23.82	0.0
4	2024-10-04 00:00:00:000	0.0	24.9	0.33	0.0	11.53	0.0
5	2024-10-05 00:00:00:000	0.01	26.57	0.4	0.0	3.22	0.0
6	2024-10-06 00:00:00:000	0.41	27.4	0.24	0.0	4.69	0.0
7	2024-10-07 00:00:00:000	1.96	25.93	0.0	0.0	3.52	0.0
8	2024-10-08 00:00:00:000	1.13	27.48	0.0	0.0	4.04	0.0
9	2024-10-09 00:00:00:000	1.13	27.57	0.0	0.0	4.18	0.0
10	2024-10-10 00:00:00:000	0.2	26.61	0.0	0.0	3.52	0.0
11	2024-10-11 00:00:00:000	0.03	23.58	0.0	0.0	1.69	0.0
12	2024-10-12 00:00:00:000	0.05	23.05	0.0	0.0	1.49	0.0
13	2024-10-13 00:00:00:000	0.01	24.57	0.0	0.0	1.6	0.0



S.No.	Time	INC-1 NOX (mg/nm³)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)
14	2024-10-14 00:00:00:000	0.0	23.25	0.0	0.0	1.76	0.0
15	2024-10-15 00:00:00:000	0.01	23.34	0.0	0.0	1.99	0.0
16	2024-10-16 00:00:00:000	0.0	26.49	0.0	0.0	3.15	0.0
17	2024-10-17 00:00:00:000	0.02	25.86	0.0	0.0	3.42	0.0
18	2024-10-18 00:00:00:000	0.02	26.64	0.0	0.0	3.91	0.0
19	2024-10-19 00:00:00:000	0.03	27.53	0.0	0.0	3.51	0.0
20	2024-10-20 00:00:00:000	0.13	25.01	0.0	0.0	2.82	0.0
21	2024-10-21 00:00:00:000	0.08	25.35	0.0	0.0	3.01	0.0
22	2024-10-22 00:00:00:000	0.08	18.05	0.0	0.0	2.63	0.0
23	2024-10-23 00:00:00:000	0.05	1.98	0.0	0.0	3.04	0.0
24	2024-10-24 00:00:00:000	0.06	3.1	0.0	0.0	3.69	0.0
25	2024-10-25 00:00:00:000	0.5	3.5	0.0	0.0	3.54	0.0
26	2024-10-26 00:00:00:000	0.25	2.74	0.0	0.0	3.22	0.0
27	2024-10-27 00:00:00:000	1.45	2.49	0.0	0.0	3.32	0.0
28	2024-10-28 00:00:00:000	0.24	3.07	0.0	0.0	3.55	0.0
29	2024-10-29 00:00:00:000	0.14	3.62	0.0	0.0	4.52	0.0
30	2024-10-30 00:00:00:000	0.22	3.84	0.0	0.0	4.69	0.0



S.No.	Time	INC-1 NOX (mg/nm³)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)
31	2024-10-31 00:00:00:000	0.52	3.86	0.0	0.0	4.49	0.0
32	2024-11-01 00:00:00:000	0.49	3.4	0.0	0.0	4.15	0.0
33	2024-11-02 00:00:00:000	0.31	3.6	0.0	0.0	4.26	0.0
34	2024-11-03 00:00:00:000	0.4	3.47	0.0	0.0	4.09	0.0
35	2024-11-04 00:00:00:000	0.26	2.95	0.0	0.0	3.77	0.0
36	2024-11-05 00:00:00:000	0.62	2.86	0.0	0.0	3.68	0.0
37	2024-11-06 00:00:00:000	0.53	2.09	0.0	0.0	3.15	0.0
38	2024-11-07 00:00:00:000	0.31	2.61	0.0	0.0	3.78	0.0
39	2024-11-08 00:00:00:000	0.42	2.89	0.0	0.0	3.73	0.0
40	2024-11-09 00:00:00:000	0.39	3.1	0.0	0.0	3.94	0.0
41	2024-11-10 00:00:00:000	0.22	3.13	0.01	0.0	3.78	0.0
42	2024-11-11 00:00:00:000	0.2	2.9	0.0	0.0	3.72	0.0
43	2024-11-12 00:00:00:000	1.27	2.94	0.0	0.0	3.55	0.0
44	2024-11-13 00:00:00:000	0.37	2.66	0.0	0.0	3.44	0.0
45	2024-11-14 00:00:00:000	0.47	2.42	0.0	0.0	3.23	0.0
46	2024-11-15 00:00:00:000	0.88	2.2	0.01	0.0	3.01	0.0
47	2024-11-16 00:00:00:000	0.34	2.16	0.0	0.0	2.94	0.0



S.No.	Time	INC-1 NOX (mg/nm³)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)
48	2024-11-17 00:00:00:000	0.16	1.26	0.0	0.0	2.44	0.0
49	2024-11-18 00:00:00:000	0.11	2.67	0.0	0.0	3.3	0.0
50	2024-11-19 00:00:00:000	0.15	2.51	0.01	0.0	3.03	0.0
51	2024-11-20 00:00:00:000	0.04	1.86	0.0	0.0	2.24	0.0
52	2024-11-21 00:00:00:000	0.06	1.65	0.02	0.0	1.91	0.0
53	2024-11-22 00:00:00:000	0.11	1.4	0.01	0.0	1.72	0.0
54	2024-11-23 00:00:00:000	0.18	1.3	0.02	0.0	1.7	0.0
55	2024-11-24 00:00:00:000	0.12	1.19	0.01	0.0	1.73	0.0
56	2024-11-25 00:00:00:000	0.18	1.36	0.01	0.0	1.86	0.0
57	2024-11-26 00:00:00:000	0.14	1.51	0.0	0.0	1.85	0.0
58	2024-11-27 00:00:00:000	0.22	1.6	0.0	0.0	1.94	0.0
59	2024-11-28 00:00:00:000	0.4	1.48	0.02	0.0	1.75	0.0
60	2024-11-29 00:00:00:000	0.57	1.01	0.0	0.0	1.1	0.0
61	2024-11-30 00:00:00:000	1.0	1.0	0.02	0.0	0.83	0.0
62	2024-12-01 00:00:00:000	0.63	0.48	0.01	0.0	0.45	0.0
63	2024-12-02 00:00:00:000	0.42	0.2	0.01	0.0	0.42	0.0
64	2024-12-03 00:00:00:000	0.71	0.26	0.03	0.0	0.89	0.0



S.No.	Time	INC-1 NOX (mg/nm³)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)
65	2024-12-04 00:00:00:000	1.11	0.22	0.01	0.0	1.53	0.0
66	2024-12-05 00:00:00:000	0.99	0.77	0.05	0.0	1.69	0.0
67	2024-12-06 00:00:00:000	0.43	1.46	0.03	0.0	2.25	0.0
68	2024-12-07 00:00:00:000	0.37	2.11	0.01	0.0	2.32	0.0
69	2024-12-08 00:00:00:000	0.35	1.98	0.03	0.0	2.28	0.0
70	2024-12-09 00:00:00:000	0.72	1.54	0.03	0.0	1.05	0.0
71	2024-12-10 00:00:00:000	0.72	0.61	0.01	0.0	0.23	0.0
72	2024-12-11 00:00:00:000	0.28	0.03	0.03	0.0	0.0	0.0
73	2024-12-12 00:00:00:000	0.23	0.22	0.02	0.0	0.02	0.0
74	2024-12-13 00:00:00:000	0.15	0.11	0.04	0.0	0.01	0.0
75	2024-12-14 00:00:00:000	0.14	0.26	0.04	0.0	0.02	0.0
76	2024-12-15 00:00:00:000	0.14	0.07	0.06	0.0	0.17	0.0
77	2024-12-16 00:00:00:000	0.08	0.36	0.05	0.0	0.45	0.0
78	2024-12-17 00:00:00:000	0.06	1.02	0.02	0.0	0.98	0.0
79	2024-12-18 00:00:00:000	0.04	1.04	0.07	0.0	0.98	0.0
80	2024-12-19 00:00:00:000	0.06	1.29	0.05	0.0	1.65	0.0
81	2024-12-20 00:00:00:000	0.05	1.11	0.08	0.0	1.15	0.0



S.No.	Time	INC-1 NOX (mg/nm³)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)
82	2024-12-21 00:00:00:000	0.04	0.41	0.13	0.0	0.44	0.0
83	2024-12-22 00:00:00:000	0.04	0.33	0.14	0.0	0.63	0.0
84	2024-12-23 00:00:00:000	0.11	0.09	0.19	0.0	0.28	0.0
85	2024-12-24 00:00:00:000	0.0	0.19	0.13	0.0	0.06	0.0
86	2024-12-25 00:00:00:000	0.03	0.17	0.19	0.0	0.0	0.0
87	2024-12-26 00:00:00:000	0.01	0.0	0.18	0.0	0.2	0.0
88	2024-12-27 00:00:00:000	0.02	0.25	0.31	0.0	0.86	0.0
89	2024-12-28 00:00:00:000	0.01	0.09	0.18	0.0	0.2	0.0
90	2024-12-29 00:00:00:000	0.02	0.12	0.19	0.0	0.23	0.0
91	2024-12-30 00:00:00:000	0.02	0.07	0.25	0.0	0.42	0.0
92	2024-12-31 00:00:00:000	0.22	0.69	0.2	0.0	1.04	0.0
93	2025-01-01 00:00:00:000	0.45	0.97	0.18	0.0	1.2	0.0
94	2025-01-02 00:00:00:000	0.28	1.0	0.18	0.0	1.55	0.0
95	2025-01-03 00:00:00:000	0.09	1.48	0.13	0.0	2.12	0.0
96	2025-01-04 00:00:00:000	0.09	1.82	0.19	0.0	2.35	0.0
97	2025-01-05 00:00:00:000	0.12	1.24	0.16	0.0	1.66	0.0
98	2025-01-06 00:00:00:000	0.28	1.21	0.24	0.0	1.03	0.0



S.No.	Time	INC-1 NOX (mg/nm³)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)
99	2025-01-07 00:00:00:000	0.05	0.39	0.39	0.0	0.17	0.0
100	2025-01-08 00:00:00:000	0.09	0.46	0.35	0.0	0.15	0.0
101	2025-01-09 00:00:00:000	0.26	0.05	0.36	0.0	0.05	0.0
102	2025-01-10 00:00:00:000	0.08	0.13	0.36	0.0	0.35	0.0
103	2025-01-11 00:00:00:000	0.48	0.23	0.23	0.0	0.72	0.0
104	2025-01-12 00:00:00:000	0.16	0.4	0.27	0.0	0.26	0.0
105	2025-01-13 00:00:00:000	0.28	0.04	0.36	0.0	0.02	0.0
106	2025-01-14 00:00:00:000	0.16	0.0	0.22	0.0	0.0	0.0
107	2025-01-15 00:00:00:000	0.04	0.0	0.25	0.0	0.0	0.0
108	2025-01-16 00:00:00:000	0.02	0.07	0.36	0.0	0.0	0.0
109	2025-01-17 00:00:00:000	0.06	0.0	0.23	0.0	0.0	0.0
110	2025-01-18 00:00:00:000	0.01	0.0	0.27	0.0	0.14	0.0
111	2025-01-19 00:00:00:000	0.05	0.24	0.14	0.0	1.14	0.0
112	2025-01-20 00:00:00:000	0.09	1.01	0.22	0.0	1.8	0.0
113	2025-01-21 00:00:00:000	0.19	1.7	0.22	0.0	1.98	0.0
114	2025-01-22 00:00:00:000	0.12	1.62	0.29	0.0	1.75	0.0
115	2025-01-23 00:00:00:000	0.04	1.16	0.31	0.0	1.52	0.0



S.No.	Time	INC-1 NOX (mg/nm³)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)
116	2025-01-24 00:00:00:000	0.11	0.56	0.4	0.0	0.82	0.0
117	2025-01-25 00:00:00:000	0.16	0.07	0.23	0.0	0.61	0.0
118	2025-01-26 00:00:00:000	0.17	1.02	0.18	0.0	1.06	0.0
119	2025-01-27 00:00:00:000	0.29	1.47	0.17	0.0	1.64	0.0
120	2025-01-28 00:00:00:000	0.45	1.64	0.25	0.0	2.04	0.0
121	2025-01-29 00:00:00:000	0.19	2.09	0.13	0.0	2.66	0.0
122	2025-01-30 00:00:00:000	0.23	2.15	0.37	0.0	2.74	0.0
123	2025-01-31 00:00:00:000	0.19	2.15	0.53	0.0	2.44	0.0
124	2025-02-01 00:00:00:000	0.07	2.12	0.33	0.0	2.02	0.0
125	2025-02-02 00:00:00:000	0.07	1.32	0.3	0.0	1.28	0.0
126	2025-02-03 00:00:00:000	0.15	1.41	0.32	0.0	1.88	0.0
127	2025-02-04 00:00:00:000	0.28	1.63	0.31	0.0	2.0	0.0
128	2025-02-05 00:00:00:000	0.07	1.5	0.36	0.0	1.39	0.0
129	2025-02-06 00:00:00:000	0.15	0.24	0.56	0.0	0.68	0.0
130	2025-02-07 00:00:00:000	0.04	0.11	0.39	0.0	0.67	0.0
131	2025-02-08 00:00:00:000	0.09	0.79	0.37	0.0	1.17	0.0
132	2025-02-09 00:00:00:000	0.08	1.53	0.34	0.0	2.32	0.0



S.No.	Time	INC-1 NOX (mg/nm³)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)
133	2025-02-10 00:00:00:000	0.0	2.27	0.21	0.0	2.97	0.0
134	2025-02-11 00:00:00:000	0.02	2.88	0.26	0.0	3.04	0.0
135	2025-02-12 00:00:00:000	0.02	2.66	0.36	0.0	2.95	0.0
136	2025-02-13 00:00:00:000	0.16	1.92	0.24	0.0	2.32	0.0
137	2025-02-14 00:00:00:000	0.19	2.21	0.13	0.0	2.64	0.0
138	2025-02-15 00:00:00:000	0.25	2.84	0.19	0.0	3.45	0.0
139	2025-02-16 00:00:00:000	0.06	3.26	0.42	0.0	3.72	0.0
140	2025-02-17 00:00:00:000	0.05	3.33	0.39	0.0	3.79	0.0
141	2025-02-18 00:00:00:000	0.16	2.77	0.22	0.0	3.66	0.0
142	2025-02-19 00:00:00:000	0.21	3.05	0.16	0.0	3.89	0.0
143	2025-02-20 00:00:00:000	0.07	3.53	0.19	0.0	4.15	0.0
144	2025-02-21 00:00:00:000	0.14	3.73	0.34	0.0	4.35	0.0
145	2025-02-22 00:00:00:000	0.05	3.01	0.18	0.0	3.85	0.0
146	2025-02-23 00:00:00:000	0.07	3.52	0.33	0.0	4.21	0.0
147	2025-02-24 00:00:00:000	0.08	4.19	0.34	0.0	4.31	0.0
148	2025-02-25 00:00:00:000	0.05	4.23	0.29	0.0	4.23	0.0
149	2025-02-26 00:00:00:000	0.08	3.58	0.23	0.0	4.39	0.0





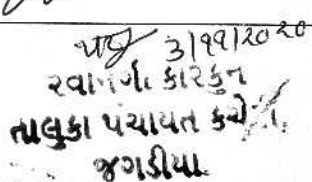
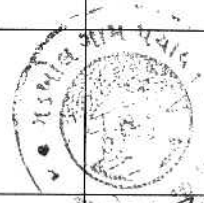
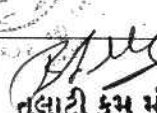
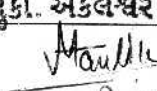
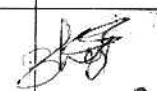

S.No.	Time	INC-1 NOX (mg/nm³)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)
150	2025-02-27 00:00:00:000	0.11	4.56	0.2	0.0	5.0	0.0
151	2025-02-28 00:00:00:000	0.07	5.71	0.2	0.0	5.42	0.0
152	2025-03-01 00:00:00:000	0.02	5.44	0.47	0.0	4.81	0.0
153	2025-03-02 00:00:00:000	0.04	4.65	0.73	0.0	4.41	0.0
154	2025-03-03 00:00:00:000	0.02	3.96	0.6	0.0	4.51	0.0
155	2025-03-04 00:00:00:000	0.07	4.05	0.49	0.0	4.29	0.0
156	2025-03-05 00:00:00:000	0.03	2.88	0.39	0.0	3.38	0.0
157	2025-03-06 00:00:00:000	0.06	3.05	0.43	0.0	3.37	0.0
158	2025-03-07 00:00:00:000	0.06	3.07	0.49	0.0	3.99	0.0
159	2025-03-08 00:00:00:000	0.16	4.25	0.46	0.0	4.84	0.0
160	2025-03-09 00:00:00:000	0.05	4.82	0.4	0.0	4.92	0.0
161	2025-03-10 00:00:00:000	0.06	5.08	0.3	0.0	5.52	0.0
162	2025-03-11 00:00:00:000	0.06	6.01	0.57	0.0	5.98	0.0
163	2025-03-12 00:00:00:000	0.03	6.85	0.44	0.0	6.38	0.0
164	2025-03-13 00:00:00:000	0.02	6.98	0.46	0.0	6.56	0.0
165	2025-03-14 00:00:00:000	0.11	6.96	0.34	0.0	6.33	0.0
166	2025-03-15 00:00:00:000	0.1	6.96	0.56	0.0	6.0	0.0



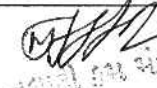




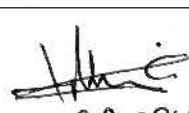

S.No.	Time	INC-1 NOX (mg/nm³)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)
167	2025-03-16 00:00:00:000	0.07	6.46	0.54	0.0	5.73	0.0
168	2025-03-17 00:00:00:000	0.04	6.31	0.6	0.0	5.17	0.0
169	2025-03-18 00:00:00:000	0.02	3.6	0.68	0.0	4.43	0.0
170	2025-03-19 00:00:00:000	0.0	6.06	0.44	0.0	5.5	0.0
171	2025-03-20 00:00:00:000	0.01	6.42	0.44	0.0	5.67	0.0
172	2025-03-21 00:00:00:000	0.09	5.83	0.54	0.0	4.95	0.0
173	2025-03-22 00:00:00:000	0.43	5.84	0.67	0.0	5.4	0.0
174	2025-03-23 00:00:00:000	0.01	5.5	0.55	0.0	5.57	0.0
175	2025-03-24 00:00:00:000	0.0	6.46	0.61	0.0	6.11	0.0
176	2025-03-25 00:00:00:000	0.0	7.7	0.54	0.0	6.87	0.0
177	2025-03-26 00:00:00:000	0.0	7.81	0.66	0.0	6.29	0.0
178	2025-03-27 00:00:00:000	0.0	7.25	0.56	0.0	5.69	0.0
179	2025-03-28 00:00:00:000	0.01	6.0	0.65	0.0	5.63	0.0
180	2025-03-29 00:00:00:000	0.0	5.17	0.39	0.0	4.73	0.0
181	2025-03-30 00:00:00:000	0.0	5.22	0.48	0.0	4.81	0.0
182	2025-03-31 00:00:00:000	0.01	5.47	0.41	0.0	5.44	0.0



## Environment Clearance of Proposed Expansion of Landfill (Phase IV) – BEIL Ankleshwar

Sr. No.	Address	Sign
1	Taluka Panchayat Office Ankleshwar	 28/10/20
2	Jilla Panchayat Office, Bharuch	 26/10/2020
3	Taluka Panchayat Office, Jhagadia	 31/09/2020 રવાળાની કારકુન તાલુકા પંચાયત કચેરી, જગડીયા
4	The Sarpanch Gram Panchayat - Gadkhol	 મંત્રી.શા.પંચ સેમુ.ઓપરેટ VEC તા. ૧૫/૧૧/૨૦૨૦ શા.પં.ગામડે
5	The Sarpanch Gram Panchayat - Dadhal	 તલાટી કમ મંત્રી ગામ પંચાયત દાદાલ તાલુકા. અંકલેશ્વર
6	The Sarpanch Gram Panchayat – Piraman, Piraman, Ankleshwar	 તલાટી કમ મંત્રી પીરામણ ગામ પંચાયત
7	The Sarpanch Gram Panchayat – Kosamdi	 02/11/2020 તલાટી કમ મંત્રી કોસમડી, તા. અંકલેશ્વર.
8	The Sarpanch Gram Panchayat – Kapodara	 21/11/20



9	The Sarpanch Gram Panchayat – Bhadkodara	 તલાટી કમ મંત્રી ગ્રામ પંચાયત, ભાદકોદરા તા. અંકલેશ્વર, જિ. ભરૂચ
10	The Sarpanch Gram Panchayat – Andada	 તલાટી કમ મંત્રી ગ્રામ પંચાયત અંદાડા તા. અંકલેશ્વર, જિ. ભરૂચ
11	The Sarpanch Gram Panchayat – Jitali	 તલાટી કમ મંત્રી ગ્રામ પંચાયત જિતાલી તા. અંકલેશ્વર, જિ. ભરૂચ
12	The Sarpanch Gram Panchayat – Sarangpur	 તલાટી કમ મંત્રી સારંગપુર ગ્રામ પંચાયત
13	Mr. Yogesh P. Pandya Safety Health and Environment Association	 229292
14	Mr. Jayesh Patel Centre For Environment science and community,	
15	Manish Rana, Paryavaran Mitra	 9909502981
16	Ankleshwar Nagar Palika	 26/10 2023 અંકલેશ્વર નગર સેવા સદન



17	Notified Area Office, Ankleshwar	NOTIFIED AREA RECEIVED Dt. 29/11/2020
18	Notified Area Office, Panoli	ARDC PANOLI 29/11/2020
19	Notified Area Office, Jagadla	NOTIFIED AREA REC'D Dt. 03/11/2020 Spcn
20	Collector District collector office, Bharuch	Principal SHREE GATTU VIDYALAYA G.I.D.C. ANKLESHWAR 26/10/2020
21	The principle, Footwear Design & Development Institute	FDDI ANKLESHWAR IN WARD SL. NO. 28/10/2020 DATE 29/10/2020
22	The principle, P.S School, Jitali	SIGNATURE... S.K. Thakur S.K. Thakur 28.10.2020
23	The Principal Shree Gattu Vidyalaya, Ankleshwar	PRINCIPAL SHREE GATTU VIDYALAYA G.I.D.C. ANKLESHWAR
24	The Principle, Smt Puspavati Devidas Shroff Sanskardeep Vidhyalaya Ankleshwar	PRINCIPAL SMT. PUSPAVATI DEVIDAS SHROFF SANSKARDEEP VIDYALAYA G.I.D.C. ANKLESHWAR



25	The Principle, Pioneer School, jitali	
26	The Principal Lions International Academy, Ankleshwar	218M10210101
27	The Principal Lion School Ankleshwar	P. K. Kulkarni 8878 AF12 96
28	The Principle Chanderbala Modi Academy, Ankleshwar	for R. K. Kulkarni Chanderbala Modi Academy Kondh, Vadia Road Ankleshwar-393002
29	The Principle, R.B.L.P.S School, Ankleshwar	
30	Dr. A. K. Patel Ankleshwar	
31	Dr. Mahesh Mistry Ankleshwar	DR. M. M. MISTRY MBBS, C.M. BEIL INFRASTRUCTURE LTD. Site : Plot No.9701-9716, G.I.D.C. Estate, Ankleshwar -393 002, Dist. Bharuch.
32	Administration Office, ESIC Hospital	29/10/2020



33	Smt. Jayaben Modi Hospital	<b>Dr. DARSHANA P. JOSHI</b> MBBS, CIH, C-20216 INDUSTRIAL PHYSICIAN Smt. Jayaben Mody Hospital GIDC, Ankleshwar.
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