



o/c

BEIL INFRASTRUCTURE LIMITED
(formerly known as Bharuch Enviro Infrastructure Limited)
Unit - Dahej

Ref.: BEIL/DHJ/2023-24/60

Date: 30.12.2023

PCB ID # 40137

To,
Integrated Regional Office
Ministry of Environment, Forest and Climate Change,
Room No 407 & 408, Aranya Bhawan,
Near CH-3 Circle, Sector 10A,
Gandhinagar, Gujarat - 382010

Sub.: Half yearly compliance report of two EC's for Common Treatment, Storage, Disposal facility (TSDF) & Multi Effect Evaporator (MEE) and Installation of two incinerators & capacity enhancement of existing landfill period April'23 to September'23.

- Ref.:**
- 1. Environmental Clearance No. SEIAA/GUJ/EC/7(d)/227/2013 dated 22nd July, 2013 for setting up of common hazardous waste Treatment, Storage, Disposal facility (TSDF) and Multi Effect Evaporator (MEE)**
 - 2. Environmental Clearance F. No. 10-43/2016-IA-III dated 19th Dec, 2018 for Installation of two incinerators and capacity enhancement of Existing Landfill Facility**

Dear Sir,

BEIL is operating a TSDF facility consisting of a secured land fill Facility, Multi Effect Evaporator (MEE) followed by spray dryer & Common Incineration Facility located at Plot No. D-43, Dahej Industrial Estate, Tal. Vagra, Dist. Bharuch, Gujarat.

We are submitting here with the half yearly Compliance status report of both the above referred Environment Clearances for period April'23 to September'23. With this, we would also like to inform that EC no F. No. 10-43/2016-IA-III dated 19th Dec, 2018 for Installation of two incinerators and capacity enhancement of existing Landfill are implemented till date. However, Incinerator plant is installed and started from October- 2022.

Landfillable Hazardous waste details are as below:

Landfillable Waste received (During 01.04.2023 to 30.09.2023)	120059.37 MT
Cumulative quantity disposed in landfill from the beginning (up to 30.09.2023)	11,62,063.63 MT

Incinerable waste details are as follows:

Incinerable Waste Receipt	Incinerated
During 01.04.2023 to 30.09.2023: 5659.02 MT	During 01.04.2023 to 30.09.2023: 6484.31 MT
Cumulative Up to 30.09.2023: 12,364.54 MT	Cumulative Up to 30.09.2023: 9556.8 MT

CIN NO. U45300GJ1997PLC032696

Works Office : Plot No. D-43, Dahej Amod Road, GIDC Estate, Dahej, T. Vagra - 392 130, Dist. Bharuch (Gujarat)

Phone : (02641) 291129, E-mail : mistryrg@beil.co.in

Regd. Office : Plot No. 9701-16, GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)

Phones (02646) 253135, 225228 Fax : (02642) 222849 E-mail : dalwadibd@beil.co.in



BEIL INFRASTRUCTURE LIMITED

(formerly known as Bharuch Enviro Infrastructure Limited)

Unit - Dahej

We hope that the above is in order. In case you need any additional information, we can provide the same on hearing from you.

Thanking you,

Yours faithfully,

For, BEIL Infrastructure Limited

Authorized Signatory

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

Blwif
Post Received
Gujarat Pollution Control Board
BHARUCH
30/12/23


EC Compliance for the period of Apr'23 to Sep'23 of BEIL Infrastructure Ltd.-Dahej Plot No. D/43, GIDC Estate, Amod Road, dahej - 392130, Dist. Bharuch.

Maheshchandra Trivedi <93000187@beil.co.in>

Sat 12/30/2023 2:40 PM

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

Cc:Rakshita Vyas/Environment/Ankleshwar <rakshita.vyas@beil.co.in>;Environment - BEIL, Dahej <environmentdahej@beil.co.in>

 1 attachments (19 MB)

Final EC Compliance Apr'23 - Sep'23.pdf;

Dear sir,

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

Thanks and regards,

Dr Mahesh Trivedi

General Manage (W)

BEIL INFRASTRUCTURE LTD

PLOT NO D-43,GIDC

DAHEJ

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1. Compliance Status of Environmental clearance for setting up of a common hazardous waste treatment, storage, disposal facility (TSDF) and Multi Effect Evaporation (MEE) plant at Plot No. D-43, Dahej Industrial Estate, Tal. Vagra, Dist. Bharuch by M/s BEIL Infrastructure Limited for Period October'22 to March'23.

EC File No.: SEIAA/GUJ/EC/7(d)/ 227/2013 dated 22nd July 2013

Sr. No	EC Conditions Details	Status
1.	The proposal is for Environmental Clearance for M/s, Bharuch Enviro Infrastructure Limited (BEIL) for setting up of a common hazardous waste Treatment, Storage, Disposal Facility (TSDF) and Multiple Effect Evaporation (MEE) Plant at Plot No. D-43, Dahej Industrial Estate, Tal. Vagra, Dist. Bharuch. M/s, BEIL Infrastructure Ltd. (BEIL) proposes to set up TSDF (14 Lac MT) and MEE Plant (3*200KL/day) at Plot No. D-43, Dahej Industrial Estate, Dist. Bharuch. The proposal falls under project / activity no. 7(d) in the Schedule of the EIA Notification, 2006.	Noted.
2	The proposed project falls under category 7(d) of the schedule of the EIA Notification, 2006. As the proposed project is situated in the industrial area, which is not notified, it falls in Category B as per the schedule of the EIA Notification-2006.	Noted
3	The project activity is covered in 7(d) and is of 'B' Category, Since, the proposed project is located in the industrial area, which is not notified, public consultation is required as per paragraph 7(i) (III) (i) (b) of the Environment Impact Assessment Notification-2006. Public hearing of the project was conducted by the GPCB on 05/04/2013 at 11:30 Hrs. At P.J. Chheda JantaVidyalay, Dahej, Tal. Vagra, Dist. Bharuch	Noted.
4	The SEAC, Gujarat had recommended to the SEIAA, Gujarat, to grant the Environment Clearance to this project for the above-mentioned project. The proposal was considered by SEIAA, Gujarat in its meeting held on	Noted

	<p>22/07/2013 at Gandhinagar. Since the public consultation is required for the project, the SEIAA hereby accords Environmental Clearance to above project under the provisions of EIA Notification dated 14th September 2008 subject to the compliance of the following conditions.</p>	
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SPECIFIC CONDITIONS:

Sr. No.	Description	Status
1.	<p>Ground water table at the project site shall be ascertained through the GWRDC before initiating construction of secured landfill site. The depth of the secured land fill site shall be decided based on the ground water level at the site and bottom of the secured landfill site shall be kept at least 2 m above the ground water table.</p>	<p>Complied.</p> <p>Ground water table at the project site has been ascertained through the GWRDC before initiating construction of secured landfill site. The depth of the secured land fill site has been decided based on the ground water level at the site and bottom of the secured landfill site, which is 7.5 (> 2 m as per the landfill criteria) meter above the ground water table. Report of GWRDC is attached as ANNEXURE 1.</p>
2	<p>Construction of the secured landfill site shall be undertaken meticulously keeping in view the existing natural drainage pattern of the site to ensure that the natural drainage is not affected. All construction designs/drawings relating to the proposed landfill site must have approvals of reputed institutes like NPC/IIT</p>	<p>Complied.</p> <p>Construction of the secured landfill site has been undertaken meticulously keeping in view the existing natural drainage pattern of the site ensuring that the natural drainage is not affected. All Construction design/ drawings relating to the proposed landfill site are approved from IIT, Delhi. Drawings approved by IIT; Delhi are attached as ANNEXURE 2.</p>
3	<p>The proponent shall ensure that design and construction of secured landfill site is as per the guidelines of CPCB with</p>	<p>Complied.</p> <p>We have ensured that design and construction of secured landfill site is as per guidelines of CPCB with proper leachate collection arrangement. Summary of the CPCB guidelines compliance has</p>

	proper leachate collection arrangement.	attached as ANNEXURE 3 .
4	The proponent shall ensure that the transportation of the Hazardous wastes to the TSDF conforms to the norms laid down in the Hazardous Wastes (Management, Handling, and Transboundary Movement) Rules 2008	Complied. We have ensured that the transportation of the hazardous wastes to the TSDF conforms to the norms laid down in the hazardous and other waste (Management and Trans boundary Movement) rules 2016 and its subsequent amendments i.e. licensed and trained drivers, close and hydraulic dumpers, GPS enabled dumpers etc. Total Approved 529 dedicated vehicles equipped with GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF.
5	Project proponent shall ensure that wastes with organic content >5% of degradable organic matters are not disposed into the landfill. How-ever required arrangement for collection, treatment and disposal of gases from the secured landfill if any shall be provided.	Complied. We are carrying out finger-print analysis of every truck load of waste received at site. We ensure that waste with organic content >5% of degradable organic matters are not disposed into landfill. Comprehensive analysis is being carried out at the time of enrolling members. If organic content is high, the waste will be incinerated within premises. Only inorganic-waste or waste meeting acceptance criteria, is sent to landfill. Typical reports of finger-print analysis of solid waste are attached as ANNEXURE 4 .
6	The TSDF & MEE shall only handle the waste generated from the member units.	Complied. The waste generated from members of BEIL is only accepted who have valid CC&A obtained from GPCB. At present we are having 1216 members for Landfill at BEIL. In support of this we are submitting returns to GPCB.
7	The project Proponent shall set up necessary facility for onsite testing of wastes to decide the requirement of treatment if any before disposal.	Complied. We have set up a Laboratory with all the required facilities for onsite testing of wastes to decide the requirement of treatment (Stabilization/ Neutralization/Solidification) if any before disposal.
8	Project Proponent shall carryout periodical ground water/soil monitoring to and around the site to check the contamination including TCLP test for heavy metals	Complied. Ground water analysis is done internal (internal locations) and by third party (internal and surrounding the premises) every month. Soil analysis is done pre and post monsoon and location are within the premises including TCLP test.

The monitoring results of ground water & soil conducted by third party are attached as **ANNEXURE 5**.

Summary Table: Ground Water (April'23 to September'23)

Sr. No	Parameter	Unit	Average of Up-stream borewell	Average of down-stream	Average of outside premises
1	pH		7.52	7.46	7.76
2	Conductivity	mmhos/cm	55.63	50.70	0.48
3	Turbidity	NTU	1.46	1.30	0.26
4	TSS	mg/l	14.17	11.51	ND
5	TDS	mg/l	36198.83	32954.67	314.72
6	TOC	mg/l	6.89	6.45	ND
7	Color	Co-pt	13.33	10.56	3.72
8	COD	mg/l	69.77	63.15	ND
9	Chloride	mg/l	17074.33	15397.61	116.16

Summary Table: Soil Analysis (Pre-Monsoon)

Sr No	Parameters	pH	Conductivity (umho/cm)	TSS (%)	TOC (%)
1	Nr EB-1	8.62	2074	0.99	0.81
2	Opp Salt Farm	8.81	4248	1.87	0.76
3	Nr EB-2	8.68	1680	1.74	0.39
4	Opp. Khetan Ind	8.37	2884	1.38	0.44
5	Nr ADM	8.68	1596	0.87	0.43
6	Behind Tagros	8.56	2538	1.14	1.02

9

The thirds party assessment on functioning of the TSDF and MEE shall be carried out through a reputed institute like NPC/IIT or any academic / research institute of similar

Complied.
We have constructed Cell#1, Cell#2 & Cell#5, Cell#3, Cell# 4, Cell#6, Cell#7, Cell#8, Cell#9 & Cell#10 under IIT, Delhi's guidance. A third-party assessment on functioning of the TSDF & MEE is carried out by a GPCB appointed reputed academic Institute (Schedule -1 Auditors) every year. The recommendations and their compliance are submitted to GPCB

	repute once in a year and mitigation measures as may be suggested by such institute shall be implemented in consultation with the Gujarat Pollution Control Board	every six months. Also, Expert from IIT, Delhi, visit, the site and give us their report. These reports are submitted to GPCB. Auditor's recommendation & compliance submitted to GPCB and Last report of IIT Inspection submitted to GPCB, are enclosed as ANNEXURE 6 .																																
A.1	Water:																																	
10	Fresh water requirement shall not exceed 350 KL/day and it shall be met only through water supply from the GIDC Metering of water shall be done and its records shall be maintained. No ground water shall be tapped for the project requirements in any case.	<p>Complied.</p> <p>Total water consumption in last 6 month is <u>50114</u> kl and per day is @ 273.84 KLD. Summary of the same as below.</p> <table border="1"> <thead> <tr> <th>Sr. No</th> <th>Month</th> <th>Water Consumption (KL/ month)</th> <th>Average (KLD)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Apr-23</td> <td>9945</td> <td>331.50</td> </tr> <tr> <td>2</td> <td>May-23</td> <td>8901</td> <td>287.12</td> </tr> <tr> <td>3</td> <td>June-23</td> <td>9215</td> <td>307.16</td> </tr> <tr> <td>4</td> <td>July-23</td> <td>8135</td> <td>262.41</td> </tr> <tr> <td>5</td> <td>Aug-23</td> <td>6591</td> <td>212.61</td> </tr> <tr> <td>6</td> <td>Sep-23</td> <td>7327</td> <td>244.23</td> </tr> <tr> <td></td> <td>Average</td> <td>8352</td> <td></td> </tr> </tbody> </table>	Sr. No	Month	Water Consumption (KL/ month)	Average (KLD)	1	Apr-23	9945	331.50	2	May-23	8901	287.12	3	June-23	9215	307.16	4	July-23	8135	262.41	5	Aug-23	6591	212.61	6	Sep-23	7327	244.23		Average	8352	
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11	A leachate collection system shall be provided to collect the leachates at a collection point. Leachate shall be pumped from leachate wells and shall be treated in in-house MEE. However, in the initial two – three year the leachate shall be sent to BEIL Ankleshwar for treatment with MEE.	<p>Complied.</p> <p>Leachate collection system is provided to collect the leachates at collection-points.</p> <p>There is planning to construct total 7 no. of leachate collection wells, from which 5 collection wells have been constructed for the cell 1, cell2 and cell5, cell3, cell4, cell 6 & monsoon shed.</p> <p>In-house MEE was put up on 12.12.17 and thereafter leachate is treated in in-house MEE.</p> <p>During (Apr'23 to Sep'23), Average Leachate treated in MEE, is @ 24.59 KLD. Summary of the same as below.</p>																																

			Sr. No	Month	Leachate generation (KL/ month)	Average (KLD)
			1	Apr-23	858	28.6
			2	May-23	821	26.48
			3	June-23	690	23.00
			4	July-23	716.4	23.10
			5	Aug-23	719.2	23.20
			6	Sep-23	696	23.20
				Average	750.10	24.59
12	BEIL shall explore the possibilities for reuse of condensate water generated from MEE plant for landfill construction gardening and domestic purpose within the BEIL	<p>Complied.</p> <p>Condensate water generated from MEE plant is being treated in the Effluent treatment plant following RO plant as tertiary treatment, then it is utilized for green belt and other industrial purpose.</p>				
13	Domestic wastewater and condensate water from the MEE shall be disposed-off as per the norms to be laid down by the GPCB	<p>Complied.</p> <p>Dedicated septic tank is provided to collect domestic wastewater and then it is treated in Effluent Treatment Plant.</p> <p>Condensate water generated from MEE plant is being treated in the Effluent treatment plant following RO plant and then it is used for green belt and other industrial purpose.</p>				
14	Enough care shall be taken to prevent any leakages/accidental spillages during conveyance of the effluent from the member units to the MEE	<p>Complied.</p> <p>Enough care is being taken to prevent leakages/accidental spillages during conveyance of the effluent from the member units to the MEE.</p>				
15	Separate electricity meter shall be provided at the MEE. A Proper operation logbook of the MEE containing records of quantities and qualities of leachate from secured landfill site and effluent received from the member units, energy consumption etc. Shall be maintained and furnished to the GPCB	<p>Complied.</p> <p>Separate electricity meter is provided at the MEE. A proper operation logbook of the MEE containing records is maintained. Leachate quality data are submitted in Environment Audit Reports to GPCB RO and GPCB HO, Quarterly CPCB Protocol and it is submitted to CPCB on Quarterly basis.</p>				

	from time to time.																									
16	Storage Tank of adequate capacity shall be provided to hold effluent for at least 48 hours in the case of either maintenance of the MEE or disturbances in MEE operations.	Complied. Storage tanks of 450 KLD are provided to hold effluent in case of MEE maintenance.																								
17	In case of power failure standby DG set/s having power generation capacity equivalent to the requirement of power to run the MEE shall be installed, so that the MEE can be operated even in case of power failure	Complied. According to our requirement we have installed 4 DG set, one 600 KVA and three 910 KVA capacity.																								
A.2 AIR:																										
18	Natural gas to the tune of 440 Nm ³ /day shall be used as a fuel in Boiler (5 T/Hr) and a stack of 30 m height shall be provided to Boiler	Complied. As per CC&A AWH – 120147 received on 01.08.2022, We are using Coal / Solid Fuel as fuel and the stack height is 30 m.																								
19	HSD to the tune of 3KL/Month shall be used as a fuel in D.G. Set [600 KVA] and a stack of 9.3m height shall be provided to D.G. Set	Complied. As per CC&A the permission for Diesel consumption is 0.12 KL/hr. i.e.,86.4 KL/Month. During (April'23 to September'23), Average HSD consumption is @ 10.20 KL/Month. Summary of the same as below. <table border="1" data-bbox="769 1464 1361 1856"> <thead> <tr> <th>Sr. No</th> <th>Month</th> <th>Total Consumption of HSD (KL/Month)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Apr-23</td> <td>7.31</td> </tr> <tr> <td>2</td> <td>May-23</td> <td>6.30</td> </tr> <tr> <td>3</td> <td>June-23</td> <td>18.88</td> </tr> <tr> <td>4</td> <td>July-23</td> <td>11.13</td> </tr> <tr> <td>5</td> <td>Aug-23</td> <td>4.60</td> </tr> <tr> <td>6</td> <td>Sep-23</td> <td>13.02</td> </tr> <tr> <td></td> <td>Average</td> <td>10.20</td> </tr> </tbody> </table>	Sr. No	Month	Total Consumption of HSD (KL/Month)	1	Apr-23	7.31	2	May-23	6.30	3	June-23	18.88	4	July-23	11.13	5	Aug-23	4.60	6	Sep-23	13.02		Average	10.20
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20		Complied. We are monitoring DG set and boiler on monthly basis. The flue gas emission from DG set and boiler confirms to the standards																								

The Flue gas emission from Boiler and D.G. Set shall conform to the standards prescribed by GPCB. At no time emission levels shall go beyond the stipulated standards

prescribed by GPCB. At no time emission levels are going beyond the stipulated standards.

Reports are attached as **ANNEXURE 7**.

Summary Table: DG Stack Analysis (Apr'23 to Sep'23)

Sr. No.	Parameter	Min.	Max.	Avg.	Permissible Limit
1	SPM (mg/Nm)	52.94	59.19	55.22	150
2	SO ₂ (ppm)	10.24	12.29	11.43	100
3	NO _x (ppm)	20.68	23.45	22.33	50

Summary Table: Boiler Stack Analysis (Apr'23 to Sep'23)

Sr. No	Parameter	Min.	Max.	Avg.	Permissible Limit
1	SPM (mg/Nm)	48.97	61.55	53.87	150
2	SO ₂ (ppm)	9.83	15.49	12.86	100
3	NO _x (ppm)	20.56	25.02	23.19	50

21	Project proponent shall carryout periodical air quality monitoring in and around the site including VOC, HC. Locations of ambient air quality monitoring stations shall be fixed in consultation with the GPCB	<p>Complied.</p> <p>Third party monitoring of ambient air quality including VOC and HC is carried out monthly.</p> <p>In-house ambient air quality monitoring is also carried out twice in a week. Third party monitoring reports are attached as Annexure 8.</p> <p>Table: Ambient Air (Apr'23 to Sep'23)</p> <table border="1" data-bbox="639 600 1469 1312"> <thead> <tr> <th>S r. n o.</th> <th>Paramete rs</th> <th>Unit</th> <th>GPCB/CP CB Permissibl e Limit</th> <th>Min</th> <th>Max</th> <th>Avg</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>RSPM (PM₁₀)</td> <td>µg/m³</td> <td>100</td> <td>44.6</td> <td>76.8</td> <td>61.77</td> </tr> <tr> <td>2</td> <td>PM_{2.5}</td> <td>µg/m³</td> <td>60</td> <td>24.2</td> <td>37.9</td> <td>30.23</td> </tr> <tr> <td>3</td> <td>Sulphur Dioxide</td> <td>µg/m³</td> <td>80</td> <td>4.60</td> <td>16.20</td> <td>10.21</td> </tr> <tr> <td>4</td> <td>Nitrogen Dioxide</td> <td>µg/m³</td> <td>80</td> <td>8.20</td> <td>27.10</td> <td>20.60</td> </tr> <tr> <td>5</td> <td>Ammonia (Nh₃)</td> <td>µg/m³</td> <td>400</td> <td>5.60</td> <td>21.2</td> <td>13.29</td> </tr> <tr> <td>6</td> <td>Lead as Pb</td> <td>µg/m³</td> <td>ND</td> <td>ND</td> <td>ND</td> <td>ND</td> </tr> <tr> <td>7</td> <td>Nickel as Ni</td> <td>ng/m³</td> <td>ND</td> <td>ND</td> <td>ND</td> <td>ND</td> </tr> <tr> <td>8</td> <td>Arsenic as As</td> <td>ng/m³</td> <td>ND</td> <td>ND</td> <td>ND</td> <td>ND</td> </tr> </tbody> </table>	S r. n o.	Paramete rs	Unit	GPCB/CP CB Permissibl e Limit	Min	Max	Avg	1	RSPM (PM ₁₀)	µg/m ³	100	44.6	76.8	61.77	2	PM _{2.5}	µg/m ³	60	24.2	37.9	30.23	3	Sulphur Dioxide	µg/m ³	80	4.60	16.20	10.21	4	Nitrogen Dioxide	µg/m ³	80	8.20	27.10	20.60	5	Ammonia (Nh ₃)	µg/m ³	400	5.60	21.2	13.29	6	Lead as Pb	µg/m ³	ND	ND	ND	ND	7	Nickel as Ni	ng/m ³	ND	ND	ND	ND	8	Arsenic as As	ng/m ³	ND	ND	ND	ND
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1	RSPM (PM ₁₀)	µg/m ³	100	44.6	76.8	61.77																																																											
2	PM _{2.5}	µg/m ³	60	24.2	37.9	30.23																																																											
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4	Nitrogen Dioxide	µg/m ³	80	8.20	27.10	20.60																																																											
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8	Arsenic as As	ng/m ³	ND	ND	ND	ND																																																											
22	All transporting routes within the premises shall have roads to minimize fugitive emission	<p>Complied.</p> <p>All transporting routes within the premises are having concrete roads to minimize fugitive emission. Proper housekeeping is being carried out in the plant on daily basis, truck tyre washing facilities is provided.</p>																																																															
A.3 SOLID / HAZARDOUS WASTES:																																																																	
23	The proponent shall ensure that the TSDF fulfils all the provisions of Hazardous Wastes (Management, Handling and Transboundary Movement) Rules 2008 and the design and the construction of secured landfill site is as per the	<p>Complied.</p> <p>We are fulfilling all the provisions of Hazardous and Other Wastes (Management and Tran's boundary Movement), Rules 2016 and its subsequent amendments. The design and the construction of secured landfill site is as per the guidelines of CPCB with proper leachate collection arrangement. Drawings are approved by IIT, Delhi and they are carrying out inspections. IIT certificate is attached as ANNEXURE 2. Summary of CPCB guidelines are attached as ANNEXURE 3.</p>																																																															

	guidelines of CPCB with proper leachate collection arrangement.							
24	Temporary hazardous waste storage area of about 4000MT capacity having impervious bottom and roof cover shall be provided as proposed.	Complied. Temporary Hazardous waste storage area of capacity 40000 MT having impervious bottom and roof cover has been provided.						
25	The project proponent shall not store the hazardous wastes more than the quantity that has been permitted by the CPCB/ Gujarat State Pollution Control Board.	Complied. We are not storing hazardous waste (landfill waste) excepts during monsoon.						
26	The main operational site shall be kept covered by tarpaulin with separate rain-water collection system during monsoon period.	Complied. We are already following the same practice. We keep main operation site covered by tarpaulin with separate storm water collection system during monsoon period. We have submitted Monsoon Planning to the Regional Office, GPCB on 28.06.2023. Same is attached as ANNEXURE 9 .						
27	Salt from MEE and discarded bags shall be disposed in the secured landfill site	Complied. Salt from the MEE are being disposed in the secured landfill. During this period (Apr'23 to Sep'23) total 2464.03 MT of MEE salt has been disposed in landfill.						
28	BEIL shall explore possibilities with respect to reduction and reuse of hazardous waste generated by member units and received at the project site.	Complied. We ensure to explore possibilities with respect to reduce and reuse of hazardous waste generated by member units and received at the project site. We have received authorization for decontamination of drums vide letter no. GPCB/HAZ-BRCH/B-CCA-143(I)/ID-40137/375053 dated 07.11.2016 to reuse and recycle discarded used drums. Summary of drum receipt and decontamination is as below. (Apr'23 to Sep'23):						
		<table border="1"> <thead> <tr> <th>Month</th> <th>DRUM RECEIPT</th> <th>DRUM DECONTAMINATED</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Month	DRUM RECEIPT	DRUM DECONTAMINATED			
Month	DRUM RECEIPT	DRUM DECONTAMINATED						

			Apr-23	4126	5791
			May-23	4843	7357
			June-23	4957	6300
			July-23	6038	5456
			Aug-23	4740	4696
			Sep-23	12001	10737
29	Used oil shall be sold only to the registered recyclers.	Complied. In the period of Apr'23 – Sep'23, 90 liters had been generated. We ensure to sell used oil only to registered recyclers.			
A.4 SAFETY:					
30	All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of hazardous wastes.	Complied. We are taking all necessary precautionary measures to avoid any kind of accident during storage and handling of hazardous waste. Fire hydrants (storage capacity 1100 KL), fire extinguishers are provided. Adequate PPEs are being provided to all the workers and employees, work permits are issued before starting any work and being closed after completing the work, on site emergency plan is also there which is updated on yearly basis. We are carrying out mock drills regularly. Please refer Annexure 10 A) Ack copy of Onsite Emergency plan submitted to DISH. B) Onsite Emergency Plan C) Ack copy of Mock Drill Report submitted to DISH			
31	Handling And storage of wastes shall be done in such a manner that minimal human exposure occurs.	Complied. We ensure to handle and store waste in such a manner to minimize human exposure. The Hazardous waste stabilization and disposal to landfill is carried out with the help of the excavator and other machineries. MEE waste is also directly emptied to tanks from where it is carried through the pipelines.			
32	All transportation of hazardous materials shall be as per motor vehicle Act & Rules	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 handling) rules 2016 i.e., licensed, and trained drivers, close and hydraulic dumpers, GPS enabled dumpers etc. Total Approved 529 dedicated vehicles equipped with GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF.			
33	Hazardous materials	Complied.			

	storage shall be at an isolated designated location, bund/dyke walls shall be provided for storage tanks for hazardous Chemicals.	Storage sheds at isolated designated location with impervious floor & roof is provided with dyke wall. Storage tanks of adequate quantity are provided with dyke wall.
34	Personal Protective Equipment shall be provided to workers and its usage shall be ensured and supervised.	Complied. Personal Protective Equipment are provided to workers and its usage are being ensured and supervised.
35	First Aid Box and required Antidotes for the chemicals used in laboratory shall be made readily available in adequate quantity at all the times	Complied. First Aid Box (9 First aid box, at gate, at admin building, at lab at PCC room, at MEE control room, at Maintenance room, Control room G/F, at PCC room 2 & at safety office are provided) and required Antidotes for the chemicals used in laboratory are made readily available in adequate quantity at all the times.
36	Training shall be given to all workers on safety and health aspect of handling hazardous wastes.	Complied. ➤ A training calendar is prepared in advance to inform everyone regarding the training dates. ➤ We try to ensure that all relevant employees are covered and maintain a record of personnel covered in each training. Please refer Annexure 11: A) Training calendar for 2023-24 B) Training attendance sheets 2023 (Apr'23- Sep'23)
37	Occupational health surveillance of the workers shall be carried out on a regular basis and records shall be maintained as per the Factories Act and Rules. Pre-employment and periodical medical examination for all workers shall be undertaken as per statutory requirement.	Complied We are carrying out pre-medical check-up of employees at the time of employment. Pre-employment checkup are being carried out. BCA test of the workers are being done on every two-month, 3-month hemoglobin test and 6-month full body check-up and record for the same are maintained.
38	Project proponent shall prepare and implement an On-Site Emergency Management Plan and Disaster Management Plan	Complied. We've prepared and Implemented Onsite Emergency Plan and

	(DMP) for the project as per the guidelines from Directorate of industrial Safety and Health. Adequate firefighting facilities shall be installed to handle the fire.	Disaster Management Plan. On-site emergency plan & disaster management plan is attached as ANNEXURE 10 . Fire hydrants (Existing storage capacity 1100 KL), fire extinguishers are provided.																																																
A.5	NOISE:																																																	
39	The overall noise level in and around the premises shall be kept within the standards by providing noise control measures including engineering controls like acoustic insulation hoods, silencers, enclosures etc. On all sources of noise generation. The ambient noise level shall conform to the standards prescribed under The Environment (Protection) Act 1986 & Rules)	<p>Complied.</p> <p>We ensure to keep noise level in and around the premises within the standard limit by providing noise control measures according to its requirement.</p> <p>We are monitoring noise level monthly by third party and internally at all locations, which are well within the limit.</p> <p>Reports are attached as ANNEXURE 12.</p> <p>Summary Table: Noise (Day Time) (Apr'23 to Sep'23)</p> <table border="1"> <thead> <tr> <th>Sr. No</th> <th>Place</th> <th>Min</th> <th>Max.</th> <th>Avg.</th> <th>Permissible Limit (dB)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Near Main Gate (dB)</td> <td>60.8</td> <td>67.8</td> <td>64.0</td> <td>75</td> </tr> <tr> <td>2</td> <td>Behind ADM Building (dB)</td> <td>58.6</td> <td>64.7</td> <td>61</td> <td>75</td> </tr> <tr> <td>3</td> <td>Near EB 1 Borewell (dB)</td> <td>61.5</td> <td>66.9</td> <td>64</td> <td>75</td> </tr> <tr> <td>4</td> <td>Nr. Monsoon Shed</td> <td>60.3</td> <td>64.2</td> <td>62</td> <td>75</td> </tr> <tr> <td>5</td> <td>B/H Landfill cell 4</td> <td>52.4</td> <td>62.2</td> <td>58</td> <td>75</td> </tr> <tr> <td>6</td> <td>Nr. Drum shed area</td> <td>65.2</td> <td>69.3</td> <td>67</td> <td>75</td> </tr> <tr> <td>7</td> <td>Opp. Khetan Ind</td> <td>61.4</td> <td>62.8</td> <td>62</td> <td>75</td> </tr> </tbody> </table>	Sr. No	Place	Min	Max.	Avg.	Permissible Limit (dB)	1	Near Main Gate (dB)	60.8	67.8	64.0	75	2	Behind ADM Building (dB)	58.6	64.7	61	75	3	Near EB 1 Borewell (dB)	61.5	66.9	64	75	4	Nr. Monsoon Shed	60.3	64.2	62	75	5	B/H Landfill cell 4	52.4	62.2	58	75	6	Nr. Drum shed area	65.2	69.3	67	75	7	Opp. Khetan Ind	61.4	62.8	62	75
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		8	Nr. Stab plant	63.2	66.7	65	75
		9	Nr D.G Set	66.8	69.8	68	75
A.6 GREEN BELT AND OTHER PLANTATION:							
40	Project proponent 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 pollution abatement. Drip irrigation system shall be used for the green belt for optimum utilization of the water resources.	<p>Noted.</p> <p>We are developing green belt around the periphery; we have also taken land for forestation of 80937.1 Sq meter.</p> <p>Drip Irrigation system has been installed.</p> <p>Please refer Annexure 13:</p> <p>A) Layout showing plantation along the periphery. B) Photographs of plantation along the periphery. C) Photographs of Drip Irrigation at site.</p>					
41	BEIL shall also tie up with local agencies like gram panchayat, schools, social forestry office etc. For plantation at suitable open places in GIDC estate and nearby villages and shall submit an action plan of plantation for next five year to the GPCB	<p>Complied.</p> <ul style="list-style-type: none"> ➤ In consultation with the gram panchayat, an action plan of plantation for the next five years has been prepared. As per the action plan, BEIL will provide plants and tree guards for the locations mentioned by the gram panchayat. ➤ As per the action plan, we have planted 100 trees near Bhutnath temple, 20 trees at GEB Dahej, 50 trees near Badyadev temple in the year 2018 & 2019. ➤ We have also planted around 200 trees at Compost site in Dahej Village. ➤ BEIL has also done tree plantation in the following villages: 1800 nos near Kadodara 2800 in Vav village 2800 nos Paniyadara 2800 nos Padariya ➤ We have also distributed tree guards at Gauseva trust Suva, Gram Panchayat at Nandarkha villages, Bhutnath charitable trust, Dahej Gram Panchayat, Kadodara Gram Panchayat. <p>Please refer Annexure 14:</p> <p>A) Action plan for Tree Plantation B) Tree Plantation at GEB office Dahej C) Acknowledgement letters from villages for plantation already done by BEIL/UPL D) Tree Guard Distribution to Nandarkha village Gram Panchayat. E) Tree Guard Distribution to Kadodara village Gram Panchayat. F) Photos of tree plantation at Compost site Dahej.</p>					

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OTHER CONDITIONS:

Sr. No.	Description	Status
42	Project Proponent shall obtain necessary Authorization/ Consents from the Gujarat Pollution Control Board	Complied. We have received CCA renewal 109249 dated 14.09.2020 and it is valid up to 17.04.2025.
43	A separate Environment Management Cell equipped with full-fledged testing laboratory facilities shall be set up to carry out the environment Management and Monitoring Functions	Complied. A full-fledged laboratory, well qualified and experienced staff is appointed in the environment cell. The details are as given below: Environment Cell at Site: <ol style="list-style-type: none"> 1. Mr. Manoj Patel: Vice President – Project (BE Civil) 2. Ms. Rakshita Vyas: Senior Manager – Environment (M.Sc. Env. Science) 3. Mr. Satish Gaddam: Head, Environment Laboratory (M.Sc. in organic chemistry) 4. Atul Agrawal : Sr. General Manager (B.E. Mechanical and Post Diploma in Environmental Technology) Corporate Environment Cell: <ol style="list-style-type: none"> 5. 1. Mr. B.D. Dalwadi - CEO - (BE – Chemical) 6. 2. Dr. P N Parameswaran: Advisor – Environment
44	In the event of de-functioning of MEE receipt of effluent from member units shall be immediately stopped and they shall be intimated about the same. Effluent from the member units shall not be received until the desired efficiency of MEE has been achieved.	Complied. As and when the situation arises, we ensure to stop receiving effluent from member units immediately and will start again only when desired efficiency of MEE will be achieved.
45	Adequate spares for waste and effluent collection, handling and transfer shall always be maintained.	Complied. Adequate spares for waste and effluent collection, handling and transfer are always

		maintained.
46	BEIL shall comply with all the provisions of CPCB guidelines for TSDF as may be applicable from time to time	<p>Complied.</p> <p>We have complied all the provisions of CPCB guidelines for TSDF as applicable from time to time and in future also we shall comply.</p> <p>Summary of the guidelines Compliance is attached as ANNEXURE 3.</p>
47	BEIL shall maintain accurate records of their member units in respect of quantity of each product manufactured quantities and qualities of waste & effluent generated booked & supplied to the TSDF & MEE on day-to-day basis and shall submit the complied records to the GPCB on monthly basis	<p>Complied.</p> <p>We are providing all the details in the monthly report & submitted to GPCB.</p>
48	BEIL shall ensure that each & every member unit renews the agreement/ membership on before expiring of said agreement/membership and shall inform the GPCB about any unit not renewing the agreement/membership within stipulated period BEIL shall immediately inform the Gujarat Pollution Control Board termination/ suspension of membership of any member unit.	<p>Complied.</p> <p>We ensure that each & every member unit renews the agreement/ membership on or before expiring of said agreement/membership and will inform the GPCB about any unit not renewing the agreement/membership within stipulated period. We ensure to immediately inform the Gujarat Pollution Control Board termination/ suspension of membership of any member unit.</p>
49	BEIL shall instruct and make sure that each member unit provides effluent storage tank and hazardous waste storage area having adequate retention time.	<p>Complied.</p> <p>As per our protocol, before giving membership, industries have to submit some details to BEIL in the prescribed membership form. One of the details asked for, is storage capacities of liquid and solid waste. We do not accept incomplete membership forms.</p> <p>Samples of our membership form and member's documents were shown at the time of visit from RO-MOEF, Bhopal.</p> <p>GPCB mentions a condition in every industry's CCA, that the industry needs to provide effluent storage tanks and</p>

		<p>hazardous waste storage area having adequate retention time.</p> <p>Annexure – 15 A) Membership form – Landfill. B) List of members with their consent details & hazardous storage details C) Hazardous waste storage details of Bharat Rasayan, Diaichi, Fermenta Biotech, Insecticides Ltd.</p>
50	<p>BEIL shall not allow any new member or enhance waste / effluent quantity of existing members unless & until they have prior requisite permissions from competent authorities.</p>	<p>Complied.</p> <p>BEIL does not give membership without verifying the member's consent. We also have CCA copies of members. Samples of CCA copies of members.</p> <p>Annexure – 15 B) List of members with their consent details.</p>
51	<p>Pucca flooring/ impervious layer shall be provided in the work area, chemical storage area and chemical handling area to minimize soil contamination</p>	<p>Complied.</p> <p>We have provided impervious flooring in the work area, chemical storage area and chemical handling area to prevent soil contamination.</p>
52	<p>Good Housekeeping shall be maintained within the premises. All pipes valves and drains shall be leak proof Leakages from the pipes, pumps shall be minimal and if occurs shall be arrested promptly. Floor washing shall be admitted into the effluent collection system for subsequent treatment and disposal through MEE</p>	<p>Complied.</p> <ul style="list-style-type: none"> ➤ We maintained a good housekeeping in the premises & taking step to control dusting. We have also implemented 5S system, which is specially designed for good housekeeping practices. ➤ To ensure least leakages from pumps/motors/lines, preventive maintenance of the same is carried out on regular basis. ➤ Leakages from equipment & floor washing effluent is being collected in tank/pit & treated in MEE.
53	<p>During effluent transfer, spillages shall be avoided, and garland drain be constructed to avoid mixing of accidental spillages with storm water.</p>	<p>Complied.</p> <ul style="list-style-type: none"> ➤ In case of spillage during transfer of effluent, the spilled effluent gets collected in the garland drain which has a

		<p>collection pit at its end. From this collection pit, the effluent is transferred back to the feed tank for treatment in MEE. There is a separate effluent collection drain in the plant and is not connected to storm water drain. Similarly, there is a separate effluent collection drain/garland drain in all the plants and the spilled effluent is collected and transferred to MEE. Pictures depicting the same are attached.</p> <p>➤ The main landfill site is kept covered during monsoon and no waste is added in this site during the period and hence there are no chances of contaminated run-off from landfill. Further, an IIT approved leachate collection system is developed and there is a garland drain around the leachate tank. The leachate from here is pumped to the storage tank which is provided with dyke wall. Therefore, no chances of any type of contamination from anywhere. Pictures & IIT approved leachate collection system layout attached.</p> <p>➤ The outlet of storm water drain is equipped with a gate system and the water in the channel is checked daily. If at all, the water in the storm water channel is found contaminated then we pump it to MEE for treatment. Therefore, there are no chances of contaminated water going out of the premises.</p> <p>Please refer Annexure 16:</p> <p>A) Picture of plant showing separate garland drain & storm water channel.</p> <p>B) Picture showing garland drain, effluent collection chamber of drain and plant area.</p> <p>C) Leachate tank with dyke wall.</p> <p>D) Gate at the storm water channel outlet.</p> <p>E) Landfill Monsoon Covering Photographs.</p> <p>F) IIT Approved Leachate Collection System.</p>
54	Necessary measures shall be taken to prevent contamination of storm water from wastes/effluent handled at site. The storm water	Complied. Separate storm water drain is provided. If the storm water gets contaminated it is

	drains shall be kept separate and shall remain dry throughout the year except monsoon.	treated in our MEE plant.																					
55	BEIL shall intimate the GPCB about occurrence of any accident, act or event resulting in discharge of poisonous, noxious, or polluting mater or the likelihood of the same into a stream or land or well.	Complied. Till date there has been no such incidence. We ensure to intimate GPCB about occurrence of any accident, act or event resulting in discharge of poisonous, noxious, or polluting mater or the likelihood of the same into a stream or land or well.																					
56	The funds earmarked for environment protection measures should be maintained in a separate account and there should be no diversion of these funds for any other purpose. A year-wise expenditure on environmental safeguards should be reported.	Complied. A separate account is maintained for environment protection and the cumulative amount is 902.72 Lacs till March 2023. These funds are not diverted for any other purpose. A year wise expenditure on environmental safeguards is mentioned in the below table: - <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Year</th> <th>Expense</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2018 – 2019</td> <td>13,40,242</td> </tr> <tr> <td>2</td> <td>2019 – 2020</td> <td>30,90,150</td> </tr> <tr> <td>3</td> <td>2020 – 2021</td> <td>1,70,76,593</td> </tr> <tr> <td>4</td> <td>2021- 2022</td> <td>1,52,00,989</td> </tr> <tr> <td>5</td> <td>2022- 2023</td> <td>1,20,19,262</td> </tr> <tr> <td>6</td> <td>2023- 2024</td> <td>1,51,14,961</td> </tr> </tbody> </table> This expenditure details are submitted to GPCB in Form 5 (ES) and are included in half yearly Compliance report being submitted to MoEF&CC.	Sr. No.	Year	Expense	1	2018 – 2019	13,40,242	2	2019 – 2020	30,90,150	3	2020 – 2021	1,70,76,593	4	2021- 2022	1,52,00,989	5	2022- 2023	1,20,19,262	6	2023- 2024	1,51,14,961
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57	All the issues raised in the public hearing shall be comprehensively addressed/ compiled with in a time bound manner.	Complied All the issues raised in public hearing were addressed/complied on time. Please refer Annexure 17: Compliance Report of Public Hearing.																					
58	BEIL shall assign specific budget for socio-economic upliftment of the surrounding villages and shall undertake eco-developmental measures including community welfare program most useful in the project area for the overall improvements of the environment in	Complied. ➤ We have donated Rs. 15000 to Bhutnath Charitable Trust and we are also providing monthly salary to Local villagers (Mr. Rajendra Parmar & Mr.																					

consultation with the District Development Officer/District Collector.

Dinesh Ahir).

- Apart from that we have tied up with local Gram panchayat to develop a garden, costing Rs. 3.2 Lacs.
- We are also extending supporting hand when and where asked and required-
- We have built a solid waste management site in Dahej village, and the kitchen waste is collected from Dahej village and converted to fertilizer which is also distributed in the village, and we have recruited 2 persons for the compost site also.
- We have also organized free medical health checkup camp for students of Govt. Commerce & Science college, Dahej.
- We have also distributed dustbins at Dahej village under Swatch Bharat mission.
- Further, a total budget of Rs. 40 lakhs for the next 5 years have been allocated for socio economic upliftment to improve the overall environment. We shall be using this amount on various activities like providing sanitation, solid waste management, etc. The tentative break-up of Rs. 40 lakhs for the 5 years from 2018-19 are as under:

Year	Rs. (Lakhs)	Expenditure (Lakhs)
18-19	10	4.68
19-20	10	24.91
20-21	10	8.35
21-22	5	10.43
22-23	5	-

- A letter with our intention to contribute the above amount towards the socio-economic upliftment projects in co-ordination with District Collector/District Development Officer is submitted to the respective offices. Inward copy attached.

Please refer Annexure 18:

- A) Inward copy of Letter submitted to DC/DDO offices.
- B) Photos of Compost Site built by BEIL in Dahej village as a Solid

		<p>waste management program.</p> <p>C) Photos of bags distribution at Prathamik Kanya Shala Dahej.</p> <p>D) Photos of blood donation camp at BEIL Dahej.</p>
59	<p>BEIL shall comply with all the recommendations as well as the environmental protection measures and risk mitigation measures/ safeguard proposed in the REIA report, Risk Assessment Report & Disaster Management Plan of the project.</p>	<p>Complied.</p> <p>We have complied with all the recommendations as well as the environmental protection measures and risk mitigation measures/ safeguard proposed in the REIA report & Risk Assessment Report of the project. EMP Compliance is attached as ANNEXURE 19.</p>
60	<p>In the event of a change in project profile or change in the implementation agency a fresh reference shall be made to the SEIAA/SEAC</p>	<p>Complied.</p> <p>Company name have been changed and the same has been incorporated in EC. The copies are attached as Annexure – 20.</p>
61	<p>BEIL shall thrive to obtain the ISO 14001 and OSHAS 18001 Certification</p>	<p>Complied.</p> <p>BEIL has implemented Environmental Management System Standards ISO 14001:2015 & ISO 45001:2018. Implementation of ISO 14001:2015 & ISO 45001:2018 has helped in improvement of the environmental protection and Safety. Copy of Certificate is attached as ANNEXURE 21.</p>
62	<p>The project manager shall extend full support to the officer of MOEF/GPCB during inspection of the project for monitoring purpose by furnishing full details and action plan including action reports in respect of mitigation measures and other environmental protection activities</p>	<p>Complied.</p>
63	<p>A six-monthly monitoring report shall need to be submitted by the project proponents to the Regional Office of the MOEF and SEIAA regarding the implementation of the stipulated condition in hard and soft copies to the regulatory authority concerned on 1st June and 1st December of each calendar year</p>	<p>Complied.</p> <p>We have submitted six monthly report to the Regional Office of the MOEF and SEIAA regarding the implementation of the stipulated condition in hard and soft copies to the regulatory authority with our EC compliance report. Acknowledgement copy of the last submitted copies are attached as</p>

		ANNEXURE 22.																					
64	The project proponents shall inform the Regional Office of MOEF at Bhopal as well as the SEIAA, the date of financial closure and final approval of the project by the concern authorities and the date of start of land development work.	Complied We had informed the GPCB, Regional Office of MOEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project vide letter No BEIL/DAHEJ/2015 dated 30.07.2014. Same is attached as ANNEXURE 23.																					
65	BEIL shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of the environmental protection and management.	Complied. We are complying with conditions imposed by the SEAC or the SEIAA and in the future too shall abide by it. EC Compliance is submitted half yearly to the concern authorities (MOEF, CPCB, GPCB). All the conditions stipulated in the CCA are also complied.																					
66	No further expansion or modification in the plant likely to cause environmental impacts shall be carried out without obtaining proper Environmental Clearance from the concerned authority.	Complied. We have received EC Dated 20.12.2018. For installation of 2 nos. of incinerators and capacity enhancement of existing landfill.																					
67	The project authority shall earmark adequate funds to implement the condition stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.	Complied. A separate account is maintained for environment protection and the cumulative amount is 999.93 Lacs till September 2023. These funds are not diverted for any other purpose. A year wise expenditure on environmental safeguards is mentioned in the below table: - <table border="1" data-bbox="922 1675 1455 2011"> <thead> <tr> <th>Sr. No.</th> <th>Year</th> <th>Expense</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2018 – 2019</td> <td>13,40,242</td> </tr> <tr> <td>2</td> <td>2019 – 2020</td> <td>30,90,150</td> </tr> <tr> <td>3</td> <td>2020 – 2021</td> <td>1,70,76,593</td> </tr> <tr> <td>4</td> <td>2021- 2022</td> <td>1,52,00,989</td> </tr> <tr> <td>5</td> <td>2022- 2023</td> <td>1,20,19,262</td> </tr> <tr> <td>6</td> <td>2023 - 2024</td> <td>1,51,14,961</td> </tr> </tbody> </table> This expenditure is informed to SPCB in	Sr. No.	Year	Expense	1	2018 – 2019	13,40,242	2	2019 – 2020	30,90,150	3	2020 – 2021	1,70,76,593	4	2021- 2022	1,52,00,989	5	2022- 2023	1,20,19,262	6	2023 - 2024	1,51,14,961
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		Form 5 (ES) and are included in half yearly Compliance report being submitted to MoEF&CC.
68	The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and that the copies of the clearance letter are available with GPCB and may also be seen at the Website of SEIAA/GPCB. This shall be advertised within seven day from the date of clearance letter, in at least two local newspapers that are widely circulated in the region. One of which shall be in Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the authority.	Complied. BEIL had received EC at site on 23rd Aug'13 and we had given advertisement in two local newspapers, namely, Times of India and Divya Bhaskar on 24th Aug'13 itself. Annexure 24: A) EC copy. B) Newspaper advertisements dated 24 th August'13.
69	The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.	Complied. All the conditions stipulated in the CC&A are complied.
70	The project authorities shall inform the GPCB Regional Office of MOEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Complied. We had informed the GPCB, Regional Office of MOEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project vide letter No BEIL/DAHEJ/2015 dated 30.07.2014. Same is attached as ANNEXURE 23 .
71	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.	Noted
72	The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional condition, if the same is found necessary. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act 1974, Air (Prevention & Control of Pollution) Act 1981. The environment (Protection) Act 1986. Hazardous Wastes (Management, Handling and Transboundary Movement) Rules 2008 and the public Liability Insurance Act 1991 along with	Complied We are complying with conditions imposed by the SEAC or the SEIAA. EC Compliance is submitted half yearly to the concern authorities (MOEF, CPCB, GPCB). All the conditions stipulated in the CCA are also complied. We are having Public Liability Act Policy No. 1806012723P101254940 which is valid up to 30.04.2024. PLI Policy is attached as Annexure 25 .

	their amendments and rules.	
73	This environmental clearance is valid for five years from the date of issue.	Complied We have received EC vide letter no. SEIAA/GUJ/EC/7(d)/227/2013 dated 13.07.2013. We have got CCA renewal order no. AWH – 109249 issued on 14.09.2020.
74	Any appeal against this environmental clearance shall be with the National Green Tribunal, if preferred within a period of 30 day as prescribed under Section 16 of the National Green Tribunal Act 2010	N. A

Compliance Status of Environmental clearance for Installation of Two Incinerators and Capacity Enhancement of Existing Landfill Facility at existing Common Hazardous Waste Treatment Storage and Disposal Facilities (TSDF) at Plot No. D-43, Dahej Industrial Estate, Tal. Vagra, Dist. Bharuch by M/s BEIL Infrastructure Limited for Period Apr' 21 to Sep'22.

1. CTE for Incinerator and landfill was received on 24.12.19.
2. CC&A for one Incinerator has received on 10.08.22 (Plant and stabilization is under commissioning)
3. CC&A for landfill received on 01.08.2022 (cellwise CC&A has received)

Sr No	EC Condition Details	Status						
1	The proposal is for grant of environmental clearance to the project 'Installation of Two Incinerators and Capacity Enhancement of Existing Landfill Facility' at existing Common Hazardous Waste Treatment, Storage and Disposal Facilities (TSDF) at plot number D-43, Dahej Industrial Estate, Taluka Vagra, District Bharuch by M/s BEIL Infrastructure Limited	Noted We have installed one incinerator system. We have received CCA No. 257200 on dated 10.08.2022 for One Incinerator.						
2	The proposed project is Category "A" "Common hazardous waste treatment, storage and disposal facilities (TSDFs) listed under activity 7 (d) as per EIA Notification dated 14 th September 2006 as it is proposed to upgrade the facility integrated facilities having incineration & landfill.	Noted						
3	Due to growth of chemical Industries in the Dahej industrial area, generation of hazardous waste Landfillable & incinerable waste has been increasing many folds. The existing secured landfill is likely to get exhausted much before planed period at the current rate of waste generation & disposal. Therefore, it is proposed to enhance the capacity of SLF from 14 lakhs MT to 19 lakhs MT and addition of two Incinerators. All the other facilities such as infrastructure, laboratory is already available at the existing site.	Noted						
4	Details of existing and proposed facilities are as under:	Noted						
	<table border="1"> <thead> <tr> <th align="center">Particular</th> <th align="center">Existing</th> <th align="center">Proposed</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Particular	Existing	Proposed				
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5	Water Consumption for the proposed project is 900 KLD and will be met from GIDC water supply	<p>Complied. The GIDC water consumption is as below:</p> <table border="1"> <thead> <tr> <th>Sr. No</th> <th>Month</th> <th>GIDC Water Consumption (KL/ month)</th> <th>Average (KLD)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Apr-23</td> <td>9945</td> <td>331.50</td> </tr> <tr> <td>2</td> <td>May-23</td> <td>8901</td> <td>287.12</td> </tr> <tr> <td>3</td> <td>June-23</td> <td>9215</td> <td>307.16</td> </tr> <tr> <td>4</td> <td>July-23</td> <td>8135</td> <td>262.41</td> </tr> <tr> <td>5</td> <td>Aug-23</td> <td>6591</td> <td>212.61</td> </tr> <tr> <td>6</td> <td>Sep-23</td> <td>7327</td> <td>244.23</td> </tr> <tr> <td></td> <td>Average</td> <td>8352</td> <td></td> </tr> </tbody> </table>	Sr. No	Month	GIDC Water Consumption (KL/ month)	Average (KLD)	1	Apr-23	9945	331.50	2	May-23	8901	287.12	3	June-23	9215	307.16	4	July-23	8135	262.41	5	Aug-23	6591	212.61	6	Sep-23	7327	244.23		Average	8352	
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6	Leachate/effluent from landfill will be treated in Multiple Effect Evaporator (MEE) plant. The wastewater from incinerator shall be used for quenching. Municipal spoil waste generated from the project shall be disposed as per MSW Rules, 2016.	<p>Noted & complied.</p> <ol style="list-style-type: none"> 1. Leachate is treated in MEE Plant. 2. Wastewater from incinerator is used for Quenching. 3. MSW waste generated is sent for composting at CSR composting site of BEIL in nearby village. 																																
7	Hazardous solid waste generated as the residue from MEE after treatment of	Noted & complied.																																

	leachate and residue ash generated from incineration of hazardous waste shall be disposed in the landfill. Transportation of hazardous solid waste is done as per guidelines of CPCB. The TSDF have approved transporter authorization with dedicated vehicle (hydraulics) for transportation of wastes.	<ol style="list-style-type: none"> 1. Hazardous solid waste generated as the residue from MEE after treatment of leachate and residue ash generated from incineration are disposed in the landfill. 2. Transportation of hazardous solid waste is done as per guidelines of CPCB. 3. We have approved transporter having authorization with dedicated vehicle (hydraulics) for transportation of wastes.
8	The proposed project shall be an important endeavor to mitigate the degradation of environment in the region.	Noted.
9	TOR for the proposed project was approved by MOEF & CC on dated 26 th October 2016 vide Letter no F.No. -10-43/2016-1A-III.	Noted.
10	Public Hearing was exempted vide amendment in TOR issued vide letter dated 14 th May 2018, as Dahej Industrial Estate of GIDC is a part of Development of Petroleum, Chemical and Petro-chemical Investment Region (PCPIR) Dahej, Dist. Bharuch. The PCPIR has already obtained Environmental Clearance on 17 th September 2017 vide letter 21-49/2010/-1AIII for the entire industrialized region. The Public hearing for the same was also conducted on 30 th July 2014.	Noted.
11	Investment/Cost of the project is approx. Rs. 64 Crore	The actual investment cost of the project is Rs.109.02 Crores for one incinerator and 30 lac for Landfill till Oct'22.
12	Benefits of the project: There will be a positive environmental impact by collecting and disposing the hazardous waste in the scientific manner that will reduce the future health hazard. It is expected that additional people will get employment and hence job opportunities for the local people as well as migrants from nearby areas would increase.	Noted.
13	Employment potential: About 150	Noted.

	persons (construction phase) & 60 persons (operational phase).	Total numbers of employees are 50. We have 182 persons (construction phase) & 216 persons (operational phase)
14	The project/activity is covered under category 'A' 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 Central Level.	Noted.
15	The EAC, in its 35 th meeting held on 29-31 October 2018, deliberated on the proposal including certified compliance report letter No. 18-A-96/2013(Parya)/943 dated 28.08.2017 (inspection done on 06.06.2017) issued by the MOEF &CC's Regional Office (Western Region), Bhopal. The EAC, on being satisfied with the submissions of the project proponent, recommended the project 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 'Installation of Two Incinerators and Capacity Enhancement of Existing Landfill Facility at existing Common Hazardous Waste Treatment, Storage and Disposal Facilities (TSDF) at plot number D-43, Dahej Industrial Estate, Taluka Vagra, District Bharuch 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: -	Noted.
A.1	SPECIFIC CONDITIONS	
1	Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.	Complied. We have obtained CTE on 24.12.2019.
2	The Project proponent should ensure	Complied.

	that the TSDF fulfils all the provisions of Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016.	
3	Ground water abstraction shall be as prescribed by the CGWA. A clearance/permission of the CGWA shall be obtained in this regard.	Shall be complied. Currently we are using only GIDC water.
4	It shall be ensured that all the trees and other plantation are of the non-edible varieties and do not in any way encourage the incorporation of toxic materials in the food chain.	Complied We are ensuring that trees and other plantation are of non-edible varieties. A few species are Kashid, Banian, Palto form, Gulmohar, Champa, Neem, Karan, Pipal.
5	The TSDF should only handle the waste generated from the member units.	Complied We accept waste only of member units, who have valid CC&A obtained from GPCB. At present we are having 1216 members for Landfill. In support of this we are submitting returns to GPCB.
6	As proposed, air pollution control device viz. gas quencher; treatment with mixture of hydrated lime and activated powder for adsorption of partial acidity and VOCs (if any); bag-filter/ESP for removal of particulate matter; venturi scrubber followed by packed bed scrubber with caustic circulation to neutralize the acidic vapors in flue gas; and demister column for arresting water carry over will be provided to the incinerator. Online pollutant monitoring shall be provided as per CPCB guidelines for monitoring particulate matter, SO ₂ , NO _x and CO from the incinerator stack. The periodical monitoring of Dioxins and Furans in the Stack emissions shall be carried out.	Complied. We have installed one incinerator with Rotary kiln, secondary combustion chamber, Air pollution system including bag filter, Scrubber and CEMS. <ol style="list-style-type: none"> 1. APCD like Spray dryer absorber, Bag filter, wet scrubber and Demister are installed in Incinerator. 2. Online monitoring for PM, SO₂, NO_x and CO provided as per CPCB guidelines. 3. Dioxins and Furans emission are monitored quarterly.
7	Analysis of Dioxins and Furans shall be done through CSIR — National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram or equivalent NABL Accredited laboratory.	Complied. We have monitored Dioxins and Furans in the Stacks emissions in September-2023 through NABL accredited laboratory. Third party monitoring reports are attached as Annexure 26.
8	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	Complied. We are submitting protocol regularly.

	and Disposal Facilities' published by the CPCB in May 2010.																																																																
9	Incinerator shall be designed as per CPCB guidelines. Energy shall be recovered from incinerator.	Complied. Incinerator is designed as per the CPCB guidelines. We have a WHRB attached in Incineration. The steam generated from heat recovery boiler is used to operate the MEE & Paddle dryer.																																																															
10	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 it quality shall be carried out each season and information shall be submitted to the SPCB and the Regional Office of MOEF&CC.	Complied. We have total 4 monitoring (1 up-stream and 3 down-stream) wells installed around the landfill. Analysis of Monitoring well is done once in Month (internally & by third party). Those reports are submitted to SPCB in monthly report and at MoEF&CC & CPCB/SPCB in protocol. We have carried out trend analysis of ground water results through NPC New Delhi.																																																															
11	Ambient air quality monitoring shall be carried out in and around the landfill site at up wind and downwind locations.	Complied We are regularly monitoring the ambient air quality around the landfill at up-wind and down-wind directions internally and by third party on monthly basis. Results of monthly monitoring carried out by Third party are attached as Annexure – 8 Ambient results:																																																															
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12	The depth of the land fill site shall be decided based on the ground water table at the site and may be such as permitted by the Pollution Control	Complied Ground water table at the project site has been ascertained through the GWRDC before initiating construction of																																																															

	Board.	secured landfill site. The depth of the secured land fill site has been decided based on the ground water level at the site and bottom of the secured landfill site is 7.5 (> 2 m as per landfill criteria) meter above the ground water table.																																																																																																						
13	Environmental Monitoring Program 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.	<p>Complied.</p> <ol style="list-style-type: none"> 1. Implementation of EMP is done stagewise and its status is attached as Annexure- 19. 2. Water and soil monitoring is done regularly in and around the site and results are attached as Annexure- 5. <p>Summary Table: Ground Water (April'23 to September'23)</p> <table border="1" data-bbox="703 667 1497 1487"> <thead> <tr> <th>Sr No</th> <th>Parameter</th> <th>Unit</th> <th>Average of Up-stream borewell</th> <th>Average of downstream</th> <th>Average of outside premises</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>pH</td> <td></td> <td>7.52</td> <td>7.46</td> <td>7.76</td> </tr> <tr> <td>2</td> <td>Conductivity</td> <td>mmhos/cm</td> <td>55.63</td> <td>50.70</td> <td>0.48</td> </tr> <tr> <td>3</td> <td>Turbidity</td> <td>NTU</td> <td>1.46</td> <td>1.30</td> <td>0.26</td> </tr> <tr> <td>4</td> <td>TSS</td> <td>mg/l</td> <td>14.17</td> <td>11.51</td> <td>ND</td> </tr> <tr> <td>5</td> <td>TDS</td> <td>mg/l</td> <td>36198.83</td> <td>32954.67</td> <td>314.72</td> </tr> <tr> <td>6</td> <td>TOC</td> <td>mg/l</td> <td>6.89</td> <td>6.45</td> <td>ND</td> </tr> <tr> <td>7</td> <td>Color</td> <td>Co-pt</td> <td>13.33</td> <td>10.56</td> <td>3.72</td> </tr> <tr> <td>8</td> <td>COD</td> <td>mg/l</td> <td>69.77</td> <td>63.15</td> <td>ND</td> </tr> <tr> <td>9</td> <td>Chloride</td> <td>mg/l</td> <td>17074.33</td> <td>15397.61</td> <td>116.16</td> </tr> </tbody> </table> <p>Summary Table: Soil Analysis (Pre-Monsoon)</p> <table border="1" data-bbox="703 1570 1497 2042"> <thead> <tr> <th>Sr No</th> <th>Parameters</th> <th>pH</th> <th>Conductivity (umho/cm)</th> <th>TDS (%)</th> <th>TOC (%)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Nr EB-1</td> <td>8.6</td> <td>2074</td> <td>0.99</td> <td>0.81</td> </tr> <tr> <td>2</td> <td>Opp Salt Farm</td> <td>8.8</td> <td>4248</td> <td>1.87</td> <td>0.76</td> </tr> <tr> <td>3</td> <td>Nr EB-2</td> <td>8.7</td> <td>1680</td> <td>1.74</td> <td>0.39</td> </tr> <tr> <td>4</td> <td>Opp. Khetan Ind</td> <td>8.4</td> <td>2884</td> <td>1.38</td> <td>0.44</td> </tr> <tr> <td>5</td> <td>Nr ADM</td> <td>8.7</td> <td>1596</td> <td>0.87</td> <td>0.43</td> </tr> <tr> <td>6</td> <td>Behind Tagros</td> <td>8.6</td> <td>2538</td> <td>1.14</td> <td>1.02</td> </tr> </tbody> </table>	Sr No	Parameter	Unit	Average of Up-stream borewell	Average of downstream	Average of outside premises	1	pH		7.52	7.46	7.76	2	Conductivity	mmhos/cm	55.63	50.70	0.48	3	Turbidity	NTU	1.46	1.30	0.26	4	TSS	mg/l	14.17	11.51	ND	5	TDS	mg/l	36198.83	32954.67	314.72	6	TOC	mg/l	6.89	6.45	ND	7	Color	Co-pt	13.33	10.56	3.72	8	COD	mg/l	69.77	63.15	ND	9	Chloride	mg/l	17074.33	15397.61	116.16	Sr No	Parameters	pH	Conductivity (umho/cm)	TDS (%)	TOC (%)	1	Nr EB-1	8.6	2074	0.99	0.81	2	Opp Salt Farm	8.8	4248	1.87	0.76	3	Nr EB-2	8.7	1680	1.74	0.39	4	Opp. Khetan Ind	8.4	2884	1.38	0.44	5	Nr ADM	8.7	1596	0.87	0.43	6	Behind Tagros	8.6	2538	1.14	1.02
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14	The Company shall ensure proper handling of all spillages by introducing spill control procedures for various chemicals.	Complied. If any spillage occurs immediately, we have to inform the concern person and safety officer. The spillage must be cleaned up in safe manner.
15	On-line real time continuous monitoring facilities shall be provided as per the CPCB or State Board Directions.	Complied. We have provided on-line real time continuous monitoring facilities; the server is connected to GPCB/CPCB, and data are transmitted to GPCB/CPCB.
16	No non-hazardous wastes, as defined under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, shall be handled in the premises.	Complied Only Hazardous waste is handled at the site.
17	Gas generated in the Landfill should be properly collected, monitored and flared.	Complied. Gas monitoring is done monthly, and the results are attached as Annexure - 27
18	Project Proponent shall develop green belt with native plant species that are significant and used for the pollution abatement. At least 10 m thick greenbelt shall be developed in the periphery of hazardous waste facility.	Noted. We are developing green belt around the periphery; we have also taken land for forestation of 80937.1 Sq meter and the letter of the same is attached as Annexure- 28 .
19	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 to prevent unwanted access.	Complied We have ensured that the project is properly cordoned off from general movement and no unauthorized person or goods permitted to enter the premises. Necessary security provision is also provided.
20	Pre-medical check-up to be carried out on workers at the time of employment and regular medical record to be maintained.	Complied We are carrying out pre-medical check-up of employees at the time of employment. BCA test of the workers are being done on every two-month 3-month hemoglobin test and 6-month full body check-up and record for the same are maintained
21	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	Complied We have prepared and implemented Onsite Emergency Plan & Disaster Management Plan and is attached in Annexure 10. Onsite emergency plan is submitted to factory inspector.

	hazardous waste constituents to air, soil or surface water.													
22	Rain-water runoff from the landfill area and other hazardous waste management area shall be collected and treated in the effluent treatment plant.	Complied If any contaminated run-off, it is collected and treated in the in-house MEE plant.												
23	The Project proponent shall not store the Hazardous Wastes more than the quantity that has been permitted by the CPCB/SPCB.	Complied. Landfillable hazardous waste is stored only during monsoon. Incinerable waste is being stored as per CPCB guideline/GPCB guideline.												
24	As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 1 st May 2018, and as proposed, a fund of Rs. 0.40 Crore @ 1% of project Cost, shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as sanitation, solid waste management and rainwater harvesting etc. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.	Complied This monitoring report is submitted to regional office as a part of half yearly compliance report and posted on Website. <table border="1"> <thead> <tr> <th>year</th> <th>Amount</th> <th>Details</th> </tr> </thead> <tbody> <tr> <td>2019-20</td> <td>18,59,543</td> <td>Fabrication of Drum Stand for making Compost and tilting Drum Storage of Kitchen Waste – Rs.4,60,200/- Fabrication & Erection of Structure for Making shed on Kitchen Waste Mixing Pit and Storage Shed for Plastic - Rs.1,33,814/- Construction of Compost Pit & Other Structure - Rs.7,52,583/- Project of collection of Kitchen Waste (door to door) - Rs.5,12,946/-</td> </tr> <tr> <td>2020-21</td> <td>9,01,048</td> <td>Project of collection of Kitchen Waste (Door to Door) at Dahej Village</td> </tr> <tr> <td>2021-22</td> <td>8,27,652</td> <td>Project of collection of Kitchen Waste (Door to Door) at Dahej Village</td> </tr> </tbody> </table>	year	Amount	Details	2019-20	18,59,543	Fabrication of Drum Stand for making Compost and tilting Drum Storage of Kitchen Waste – Rs.4,60,200/- Fabrication & Erection of Structure for Making shed on Kitchen Waste Mixing Pit and Storage Shed for Plastic - Rs.1,33,814/- Construction of Compost Pit & Other Structure - Rs.7,52,583/- Project of collection of Kitchen Waste (door to door) - Rs.5,12,946/-	2020-21	9,01,048	Project of collection of Kitchen Waste (Door to Door) at Dahej Village	2021-22	8,27,652	Project of collection of Kitchen Waste (Door to Door) at Dahej Village
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2021-22	8,27,652	Project of collection of Kitchen Waste (Door to Door) at Dahej Village												
B	GENERAL CONDITIONS													
1	A copy of the environmental clearance letter shall also be displayed on the	Complied.												

	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.																						
2	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.	<p>Complied.</p> <p>A separate account is maintained for environment protection and the cumulative amount is 999.93 Lacs till September 2023. These funds are not diverted for any other purpose.</p> <p>A year wise expenditure on environmental safeguards is mentioned in the below table: -</p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Year</th> <th>Expense</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2018 – 2019</td> <td>13,40,242</td> </tr> <tr> <td>2</td> <td>2019 – 2020</td> <td>30,90,150</td> </tr> <tr> <td>3</td> <td>2020 – 2021</td> <td>1,70,76,593</td> </tr> <tr> <td>4</td> <td>2021- 2022</td> <td>1,52,00,989</td> </tr> <tr> <td>5</td> <td>2022-2023</td> <td>1,20,19,262</td> </tr> <tr> <td>6</td> <td>2023 - 2024</td> <td>1,51,14,961</td> </tr> </tbody> </table> <p>This expenditure is informed to GPCB in Form 5 (ES) and are included in half yearly Compliance report being submitted to MoEF&CC. Form – 5 for the period Apr'22 – Mar'23 is attached as Annexure- 29</p>	Sr. No.	Year	Expense	1	2018 – 2019	13,40,242	2	2019 – 2020	30,90,150	3	2020 – 2021	1,70,76,593	4	2021- 2022	1,52,00,989	5	2022-2023	1,20,19,262	6	2023 - 2024	1,51,14,961
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3	Officials from the Regional Office of MOEF &CC, Bhopal who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities, and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to MOEF & CC shall be forwarded to the APCCF, Regional Office of MOEF & CC, Bhopal.	Noted																					
4	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.	Noted																					
5	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	Noted																					

	(Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	
6	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, the Forest Conservation Act, 1980 and the Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	Complied. Statutory clearances as applicable are obtained.
7	These stipulations would be enforced among others under the provisions of the 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 the EIA Notification, 2006.	Noted
8	The project proponent shall 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 may also be seen on the website of the Ministry of Environment, Forest and Climate Change at http://www.envfor.nic.in . The advertisement shall be made within Seven days from the date of receipt of the Clearance letter and a copy of the same shall be forwarded to the Regional Office of this Ministry at Bhopal.	Complied. BEIL had received EC on 19 th Dec 2018, and we had given adv in three newspapers namely, Divya Bhaskar, Sandesh and Times of India on 21 st Dec'18. Annexure 25: A) EC copy. B) Newspaper advertisements dated 21 st December'18
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.	Noted
10	A copy of the clearance letter shall be sent by the proponent to be concerned Panchayat, Zilla Parishad /Municipal Corporation, Urban Local Body and	Complied We have sent the clearance letter to the nearby panchayat's, municipal corporation, and local NGO. Letter is attached as Annexure – 30.

	<p>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>	
11	<p>The proponent shall upload the status of 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. The criteria pollutant levels namely; PM_{2.5}, PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.</p>	<p>Complied.</p> <ol style="list-style-type: none"> 1. We are submitting six-monthly report regularly for all ECs conditions sent to the RO of MOEF&CC, the respective Zonal Office of CPCB and the SPCB and the same we upload on our website. 2. A digital display board is provided at the main gate indicating all parameters which is open to public.
12	<p>The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions. and shall also be sent to the respective Regional Offices of MOEF& CC by email.</p>	<p>Complied</p> <p>Every year we are submitting the Environmental Statement (Form – V) to the GPCB Regional Office Bharuch and to GPCB Gandhinagar. It is uploaded on the website of the company as a part of 6 monthly compliance report. We also mail to MoEF&CC.</p>

GUJARAT WATER RESOURCES DEVELOPMENT CORPORATION LTD., GANDHINAGAR.

OFFICE OF THE GEOHYDROLOGIST
GROUND WATER DIVISION NO.1,
REGIONAL DATA PROCESSING CENTRE,
VASANA BARRAGE CAMPUS, VASANA,
AHMEDABAD - 380 007.
TEL.NO. 079-26604027 FAX NO. 079-26609803
Email : ghdvn1@gmail.com

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No.GWDn.1/PB/Deposit/Gen/ 637 /2012

Date: 27/04/12

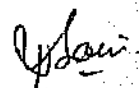
To,
The Dy.General Manager
Bharuch Enviro. Infrastructures Ltd.,
Plot No.9701-16, GIDC Estate, P.B.No.82,
ANKLESHWAR - 393 002.

Sub:- Geohydrological survey at Bharuch Enviro. Infrastructures Limited,
Dahej, Plot No.43, Dahej-1 Campus.
Ref:- Your's office letter dated 31/01/12.

Dear Sir,

With reference to above subject find herewith Geohydrological
investigation Report at Dahej, Taluka-Vagara, District-Bharuch under deposit
work.

D.A.: As above.


GEOHYDROLOGIST
G.W.DIV.NO.1,
AHMEDABAD.

Copy submitted to:

- > The Superintending Engineer, GWMI Circle, Gandhinagar for information
please.DA: A/a.

Copy to:

- > The Geologist, G.W.Sub.Dn.No.2, Vadodara in reference to your letter
No.GWDn.1/PB/Deposit work/143/12, dated 20/04/12.

≈ ≈ Save Water ≈ ≈

B. E. I. L.	
05 MAY 2012	
Inward No.	282
Time	14:20

BRIEF REPORT ON
GEOHYDROLOGICAL CONDITIONS AROUND BEIL, DAHEJ
GIDC AREA, TALUKA VAGRA DISTRICT BHARUCH

(April -2012)

GEOHYDROLOGIST
REGIONAL DATA CENTRE
VASNA BARRAGE
VASNA
AHMEDABAD

A BRIEF REPORT ON GEOHYDROLOGICAL CONDITIONS AROUND DAHEJ GIDC AREA, TALUKA VAGRA DISTRICT BHARUCH

AIM OF STUDY

Bharuch Enviro Infrastructure Ltd. has asked for Geohydrological Condition in & around Village Dahej GIDC area to study the ground water flow direction, details of aquifers and level of Ist, IInd & IIIrd aquifers based on sub-surface geology of the area in their proposed Landfill site at Dahej GIDC as per letter No. GWDn.1/ PB/Deposit work/ 293/ 2012, Dated : 28/02/2012.

INTRODUCTION

Geohydrological investigation was carried out at Village Dahej-GIDC area and based on these investigation details of existing ground water structures such as Tube Well, Bore Well & Open Well and on long term seasonal water level fluctuation of the area were studied and based on these data this report has been prepared.

LOCATION AND EXTENT

GIDC Area is situated at Village Dahej in the South Western part of Vagra Taluka. The study area covering GIDC lies between 72^o 32' 50" to 72^o 37' 40" East longitude and 21^o 40' 41" to 21^o 44' 59" North latitude covered under Survey of India Topo sheet No. 46 C/10. The total geographical area of the Village Dahej is 30.02 Sq.Kms. The Dahej Village is connected by State Highway Bharuch-Dahej broad gauge railway line Samni-Dahej. (Plate-I)

PHYSIOGRAPHY

The topography of the area is mainly plain with general slop towards Northwest and West direction.

DRAINAGE

The drainage of the area is controlled mainly by Gulf of Cambay.

CLIMATE

The area having tropical climate with summer season from mid March to mid June with maximum temperature up to 42^o, Winter season from November to February with minimum temperature up to 12^o and Monsoon season from mid June to October. The long term average rainfall of the taluka is 674 mm for the period 1963 to 2010 and short term average rainfall is 883 mm from 2002 to 2010.

GEOLOGY

Geologically the area comprises of alluvial formations of Recent to Sub Recent age. The geological succession in stratigraphical order is mentioned below.

ERA	PERIOD	AGE	LITHOLOGY
Cenozoic	Quaternary	Sub-Recent to Recent	Alluvium consisting of Sand & Clay Beds
	Tertiary	Lower Miocene	Clay

The alluvium deposit of Sub-Recent to Recent age is observed in the area. It consists of alternate bands of Yellowish brown clay and fine to coarse grained sand. The Tertiary formation consists of clay underlies the alluvium.

As the area is under the influence of sea water intrusion no efforts has been made by local farmers or existing industries for ground water exploration. GWRDC has drilled one piezometer at Village Dahej under Hydrology Project and drilled one more piezometer at Village Atali under Narmada Canal Command Area. However to know aquifer deposition in the BEIL area it is necessary to construct exploratory bore well.

GEOHYDROLOGY:

The main hydrological unit in the area is alluvium formation. The alluvium formation mainly comprises of alternate bands of sand & clay. The sand formation consists of medium to fine grained and works as aquifer. The ground water in area is highly saline so no efforts have been done to extract ground water.

Two Piezometers are constructed by GWRDC under different projects in this area .At Atali piezometer ,the depth to water level varies from 2.60 mts to 6.60mts, which has the depth of 12.00 Mts. At Dahej Piezometer having depth of 38.38 Mts, depth of water level ranges from 7.65 to 9.96 mts(Statement no I) for year 2007-2011. BEIL has drilled two nos of shallow bore well with a depth of 25.00 Mts. each. Water level observed in BEIL bore well is 8.50 Mts to 7.90 Mts.

GROUNDWATER FLOW:

The general observation reveals that the flow of the groundwater generally controlled by topography of the area. As no efforts has been made to extract ground

water due to high salinity it is assumed that ground water generally follow the topography of the area and at Dahej village the topography is slopping towards Northwest and West direction so ground water flow should be towards Northwest and West direction.

GROUNDWATER SEASONAL FLUCTUATIONS:

To study the groundwater seasonal fluctuation in the area, the statement showing water level fluctuation of the existing monitoring station from the year 2007 to 2011 is studied. (Table No.1) The minimum water level ranges from 2.60 Mts. observed at village Atali of Vagra Taluka to 9.90 mts. at village Daheji of Vagra Taluka. The average seasonal fluctuation observed is 1.62 Mts to 2.39 Mts in the area.

GROUND WATER QUALITY:

To study the ground water quality water samples are collected from existing bore well constructed by BEIL in their premises which indicate TDS 5110 ppm the higher values of TDS is observed at BEIL Bore well with a depth of 25.00 Mts which indicates that aquifer is saline with respect to TDS value. At Village Atali the TDS value ranges from 230 ppm to 570 ppm while at Village Dahej TDS value range from 3470 ppm to 4030 ppm. It is observed that higher values of TDS are observed at higher depth.

CONCLUSIONS:

- (1) Ground water level in the area ranges from 2.60 Mts to 9.90 Mts. bgl in the study area.
- (2) Ground water level fluctuation ranges from 1.62 Mts to 2.39 Mts.
- (3) From existing data of Piezometer constructed in study area it is presumed that first aquifer starts from 7.00 Mts to 12.00 Mts, second aquifer from 28.00 Mts to 37.00 Mts, whereas no information available for third aquifer as no structure is observed with higher depth.

RECOMMENDATIONS:

Based on existing bore well data and geohydrological investigation carried out in area, there are two aquifers at different depths. To know the exact depth of different aquifer in the study area, it is recommend to drill exploratory bore well with a depth of 60.00 Mts. or until the third aquifer is encountered in South East portion of the study area. (Plate-II) The bore well should be electro logged at pilot stage.

The specification of exploratory bore well is mentioned below.

Sr.No.	Bore No.	Bore Detail	Diameter in mm	Depth in Mts.
1	E-1	Exploratory	200 mm	60.00

Depending on the litho log of exploratory bore well, it is recommended to drill 3 nos. of piezometer nests with varying depth from 20.00 Mts to 60.00 Mts. tapping different aquifers.

The distance between the three different piezometer should be kept at least 15.00 Mts.

The details of set of bores comprising one piezometer nest to be drilled are mentioned below.

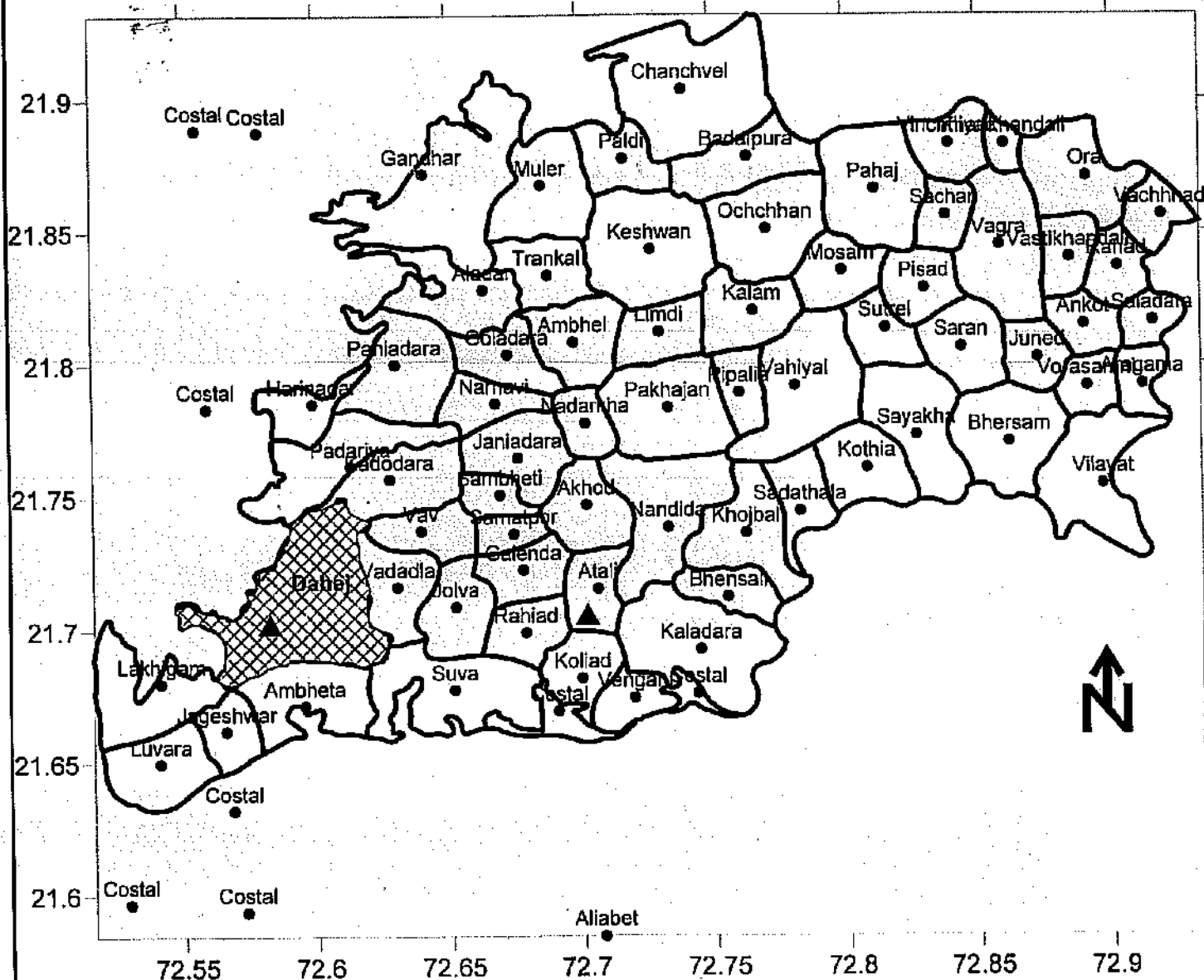
Sr.No.	Bore No.	Bore Detail	Diameter in mm	Depth in Mts.
1	P-1	First aquifer piezometer	150 mm	20.00
2	P-2	Second aquifer piezometer	150 mm	45.00
3	P-3	Third aquifer piezometer	150 mm	60.00

State model No. I

STATEMENT SHOWING WATER LEVEL AND QUALITY OF PIEZOMETERS DRILLED FOR LAST FIVE YEARS

Month/Year	VILLAGE ATALI			VILLAGE DAHEI		
	Water Level	Rise /fall	TDS in PPM	Water Level	Rise /fall	TDS in PPM
May-07	5.44	2.30	****	9.00	1.20	4010
Oct-07	3.14		430	7.80		3830
May-08	5.10	1.80	****	9.23	0.77	3730
Oct-08	3.30		440	8.46		3860
May-09	4.98	1.14	380	9.16	0.52	4030
Oct-09	3.84		370	8.64		3760
May-10	5.70	3.10	570	9.50	3.35	3960
Oct-10	2.60		440	6.15		3920
May-11	6.60	3.60	490	9.90	2.25	3470
Oct-11	3.00		230	7.65		3690
Average		2.39			1.62	

LOCATION PLAN OF VILLAGE DAHEJ TALUKA VAGRA DIST. BHARUCH



INDEX



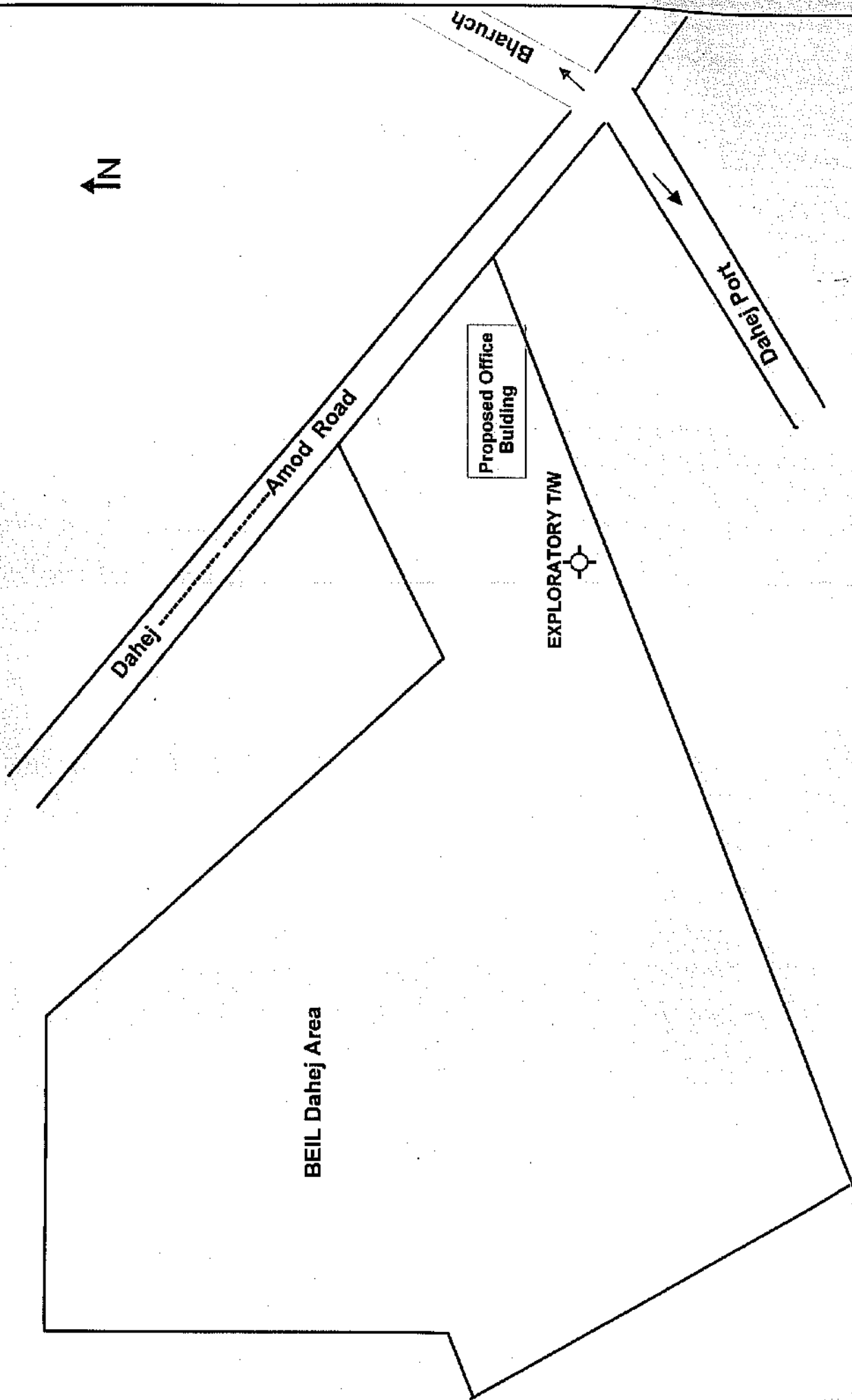
VILLAGE DAHEJ

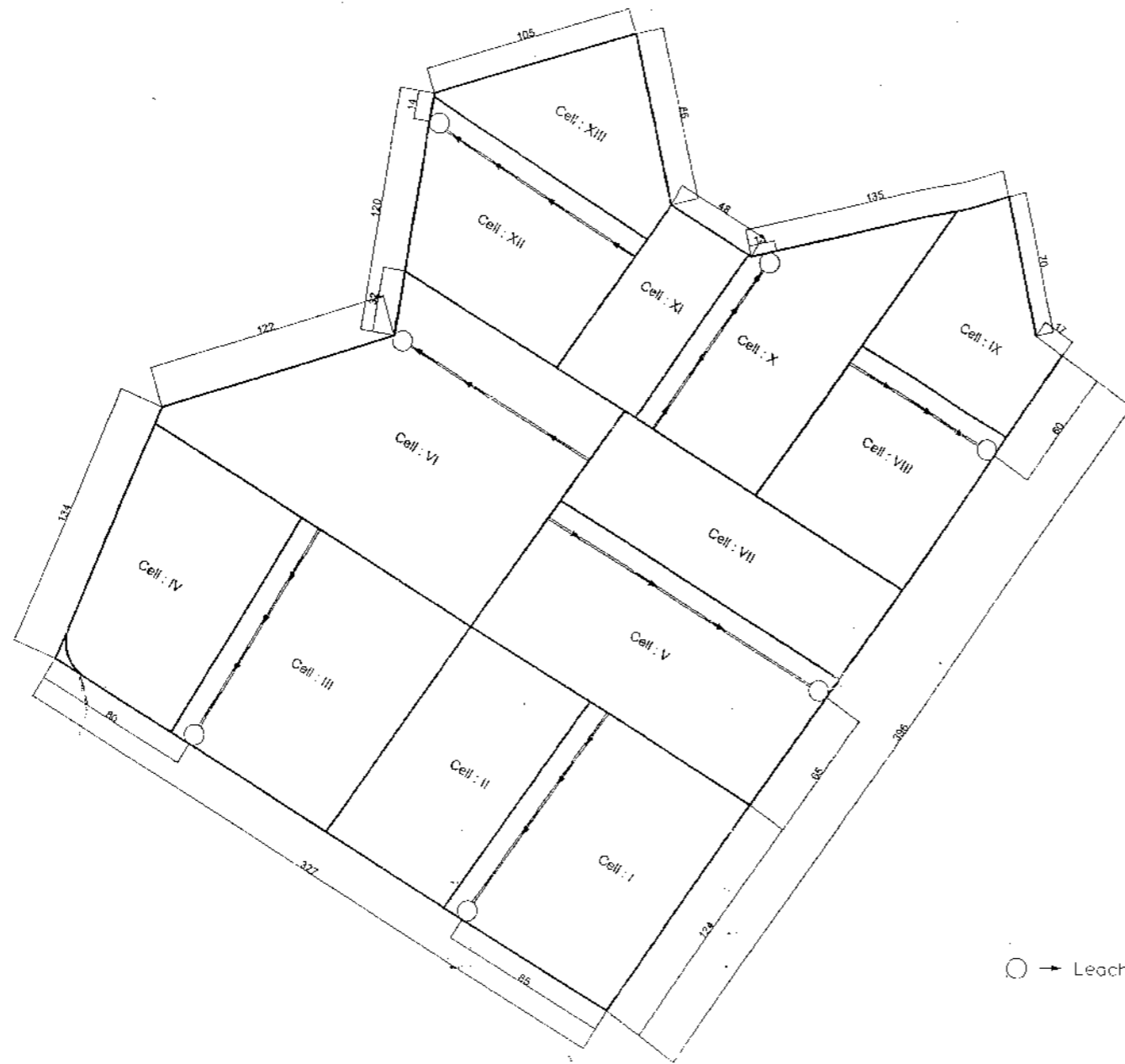


MONITORING PIEZOMETER

Plate-II

LOCATION PLAN FOR PROPOSED EXPLORATORY TUBE WELL AT BEIL SITE DAHEJ - TALUKA - VAGRA DIST. - BHARUCH

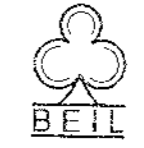




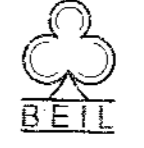
PLAN OF YEARLY PHASES OF LANDFILL

NAME OF DRAWING
PLAN OF YEARLY PHASES OF LANDFILL

PROJECTS :
CONSTRUCTION OF SECURED LANDFILL FACILITY



BHARUCH ENVIRO INFRASTRUCTURE LIMITED
 PLOT NO: 43, GIDC, DAHEJ

DESIGN & DRAWN BY :


BHARUCH ENVIRO INFRASTRUCTURE LIMITED
 PLOT NO: 43, GIDC, DAHEJ

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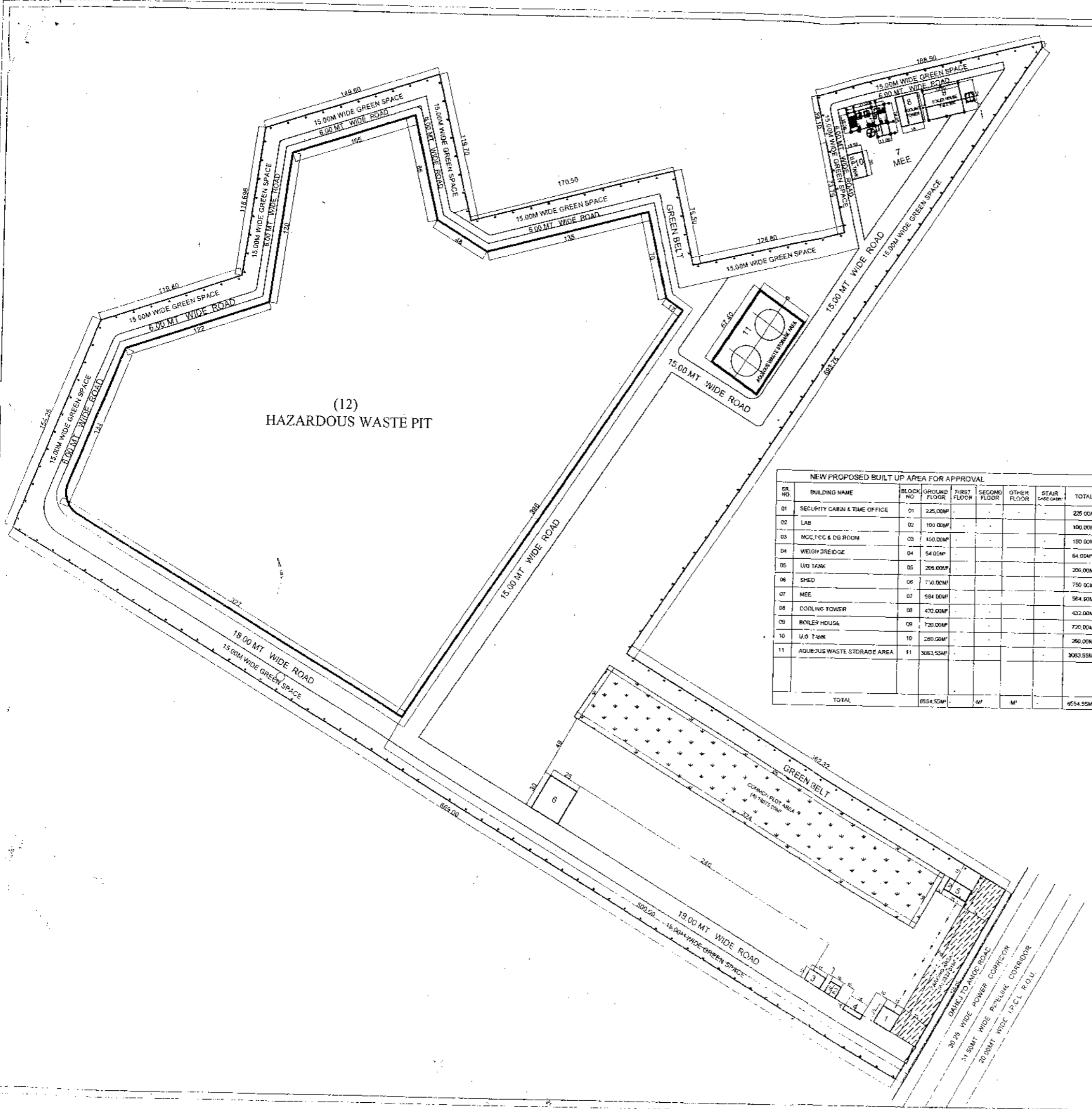
APPROVED BY
**INDIAN INSTITUTE OF TECHNOLOGY,
 NEW DELHI**

Handwritten signature
Dr. Manoj Datta
 Professor
 Civil Engineering Department
 Indian Institute of Technology Delhi
 Hauz Khas, New Delhi - 110016

Handwritten signature

DRG NO	REV.	DATE
BEIL-LAY-05		26.09.13

ALL DIMENSIONS SHOWN ARE IN METER
 SCALE
 N.T.S.



(12)
HAZARDOUS WASTE PIT

NEW PROPOSED BUILT UP AREA FOR APPROVAL

BL. NO.	BUILDING NAME	BLOCK NO.	GROUND FLOOR	FIRST FLOOR	SECOND FLOOR	OTHER FLOOR	STAIR CASE (sqm)	TOTAL
01	SECURITY CABIN & TIME OFFICE	01	225.00M ²					225.00M ²
02	LAB	02	100.00M ²					100.00M ²
03	MCC, FCC & DG ROOM	03	150.00M ²					150.00M ²
04	WEIGH BRIDGE	04	54.00M ²					54.00M ²
05	U/G TANK	05	205.00M ²					205.00M ²
06	SHED	06	730.00M ²					730.00M ²
07	MEE	07	584.00M ²					584.00M ²
08	COOLING TOWER	08	432.00M ²					432.00M ²
09	BOILER HOUSE	09	720.00M ²					720.00M ²
10	U/G TANK	10	280.00M ²					280.00M ²
11	AQUARIUS WASTE STORAGE AREA	11	3083.55M ²					3083.55M ²
TOTAL			8554.55M ²	M ²	M ²			8554.55M ²

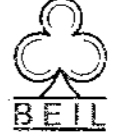
NAME OF DRAWING
GENERAL LAYOUT

PROJECTS :
CONSTRUCTION OF SECURED LANDFILL FACILITY



BHARUCH ENVIRO INFRASTRUCTURE LIMITED
PLOT NO: 43, GIDC, DAHEJ

DESIGN & DRAWN BY :



BHARUCH ENVIRO INFRASTRUCTURE LIMITED
PLOT NO: 43, GIDC, DAHEJ

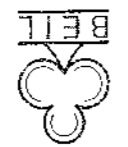
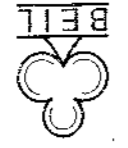
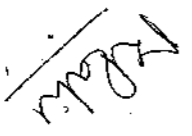


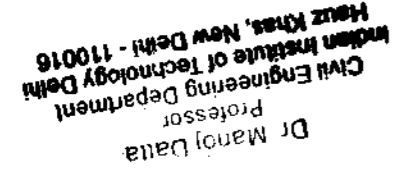
Handwritten signature

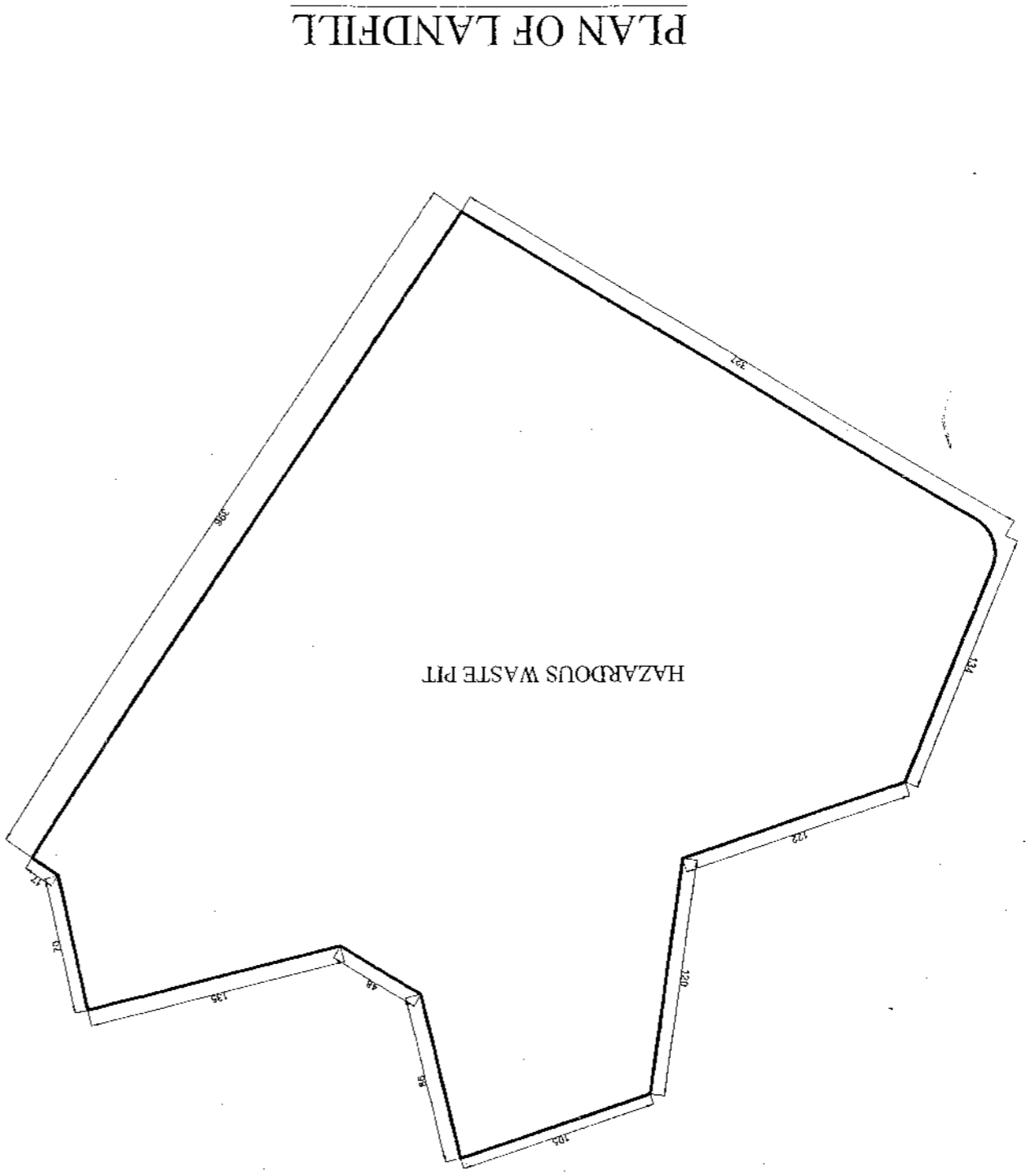


APPROVED BY
**INDIAN INSTITUTE OF TECHNOLOGY,
NEW DELHI**

Handwritten signature
Dr. Manoj Datta
Professor
Civil Engineering Department
Indian Institute of Technology Delhi
Hauz Khas, New Delhi - 110016

DRG NO	REV.	DATE
BEIL-LAY-01		26.09.13
ALL DIMENSIONS SHOWN ARE IN METER		SCALE N.T.S.

NAME OF DRAWING		PLAN OF LANDFILL	
PROJECTS :		CONSTRUCTION OF SECURED LANDFILL FACILITY	
Bharuch Enviro Infrastructure Limited		Bharuch Enviro Infrastructure Limited	
PLOT NO: 43, GIDC, DAHEJ		PLOT NO: 43, GIDC, DAHEJ	
DESIGN & DRAWN BY :		 	
Bharuch Enviro Infrastructure Limited		Bharuch Enviro Infrastructure Limited	
PLOT NO: 43, GIDC, DAHEJ		PLOT NO: 43, GIDC, DAHEJ	
APPROVED BY		 	
INDIAN INSTITUTE OF TECHNOLOGY, NEW DELHI		 	
DRG NO	REV.	DATE	
BEIL LAY-02		26.09.13	
SCALE		N.T.S.	
ALL DIMENSIONS SHOWN ARE IN METERS			





INDIAN INSTITUTE OF TECHNOLOGY, DELHI

Department of Civil Engineering

Hauz Khas, New Delhi – 110 016

Dr. Manoj Datta
Professor & Head

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20/03/2015

IITD/CE/MD/2015/BEIL/Dah

To,
Mr. Ashok Panjwani
Bharuch Enviro Infrastructure Limited
Dahej
Gujarat

Dear Sir,

Kindly refer to the visit of undersigned on 11th March 2015 at your Dahej site regarding the Cell I of Landfill of Bharuch Enviro Infrastructure Limited.

It is certified that the Cell I of Landfill is satisfactory for receiving hazardous waste in all respect as per CPCB guideline and drawings approved by IIT, Delhi.

Yours sincerely,

A handwritten signature in black ink, appearing to be 'Manoj Datta', written over a horizontal line.

(Dr. Manoj Datta)



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IITD/CE/MD/2016

4th March 2016

Sub: Technical Review of Secured Landfill of BEIL at Dahej for Hazardous Waste

Overview

The Secured (Hazardous Waste) Landfill Facility of Bharuch Enviro Infrastructure Limited at Dahej was assessed for compliance with HW Landfill Guidelines (HWLG) published by CPCB. The assessment was based on review of design documents, review of drawings, site visit on 16th Feb 2016, inspection of active phase (under construction) and review of records and associated documents.

Review Report

- Landfill Design:** The methodology of design, construction and operation is satisfactory.
- Landfill Layout:** Plan and layout depicts phased operation.
- Landfill Section:** Landfill side slopes, liner and cover provisions are as per design.
- Phased Operation:** Landfill is operated in yearly phases.
- Leachate Quantity:** Generation of leachate is minimized by keeping exposed active area small.
- Liner System:** Liner System is as per HW landfill guidelines. All essential components (including HDPE geomembrane and barrier soil layer) meet minimum requirements as specified.
- Leachate Collection and Removal:** Leachate collection layer, drainage slopes, collection sump, leachate well and other components all comply with HW guidelines
- Leachate Management:** Multiple effect evaporator (offsite).
- Gaseous Emissions Management:** Gas collection layer and passive venting provided in design.
- Final Cover System:** Gas collection layer, barrier layer, HDPE geomembrane, drainage layer, top soil and vegetation grass / rubble + vegetation meet HW guidelines.
- Surface Water Drainage System:** Berms, drainage channels and surface water drain provided adequately
- Slope Stability:** Adequate safety against slippage along interfaces of different layers.

Site Infrastructure: Fencing, office, road, laboratory, drainage system, weighbridge, waste inspection, temporary storage, waste stabilization facilities as per standards

Environmental Monitoring System: Ground water wells installed.

Site Development: Planned in phases.

Record Keeping: Satisfactory.

Waste Inspection: Adequate facilities.

Phase Development and operation: Yearly

Phase Closure: HW cover to be provided on completion of each phase.

Landfill Closure: Progressive closure and joining of cover system with completion of progressive phases.

Vegetative Cover: Local vegetation or grass / rubble with local vegetation

Post Closure Maintenance System: Provision of post-closure funds.

Conclusions

Cells 2 and 5 are observed to be designed in accordance with Hazardous Waste Landfill Guidelines of CPCB and drawings approved vide IIT Delhi consulting project and are ready to receive the waste.



(Dr. Manoj Datta)



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IITD/CE/MD/2019

7th June 2019

Mr. Manoj Patel,
Bharuch Enviro Infrastructure Limited
Plot No. D-43
Dahej-Amod Road
GIDC Estate, Ta-Vagra
Dahej – 392130, Dist.: Bharuch (Gujarat)

Sub: Technical Review of Closure of Cell 5, Construction of new Cells-3 & 4 and Monsoon Storage Shed (second part) at Secured Landfill of BEIL, at Dahej for Hazardous Waste

Overview

The Secured (Hazardous Waste) Landfill Facility of Bharuch Enviro Infrastructure Limited at Dahej was assessed for compliance with HW Landfill Guidelines (HWLG) published by CPCB for construction of new Cells 3 and 4. The assessment was based on review of design documents, review of drawings, site visit on 1st May 2019, inspection of construction work as well as review of records and associated documents. Closure activities on Cell 5 were reviewed. Base liner system of monsoon storage shed (second part) was also reviewed.

Review Report

Const. of Cells-3&4	(a) Construction of Cells 3&4 completed; inspected during site visit. (b) All components installed as per design. (c) Side slopes as per design. (d) Geosynthetic materials and soil layers as per specifications. (e) Thickness of components adequate. (f) Drainage layers as per design. (g) Separation and filtration layers as per design.
Monsoon Storage Shed	(a) Second part of monsoon storage shed inspected visually. (b) Base liner system is as per design and construction completed.
Closure of Cell 5	(a) Work underway; operations inspected during site visit
Landfill Design:	Design, construction and operating methodology is satisfactory.
Landfill Layout:	Layout meets requirements of phased operation.
Landfill Section:	Landfill side slopes, liner and cover provisions are as per design.
Phased Operation:	Operation is in yearly phases.

Leachate Quantity:	Minimized by temporary covering during monsoons. All leachate pumped out and treated.
Liner System:	In accordance with HW landfill guidelines. All essential components (including HDPE geomembrane and barrier soil layer) meet minimum requirements as per guidelines.
Leachate Collection and Removal:	Leachate collection layer, drainage slopes, collection sump, well and other components all comply with HW guidelines.
Leachate Management:	Spray Drier and MEE
Gaseous Emissions:	Gas collection layer and passive venting.
Final Cover System:	Gas collection layer, barrier layer, HDPE geomembrane, drainage layer, top soil and vegetation / rubble + vegetation meet HW guidelines/equivalence.
Surface Water Drainage:	Berms, drainage channels and surface water drain provided adequately.
Slope Stability:	Slope inclination as per design.
Site Infrastructure:	Boundary wall, road, laboratory, drainage system, weighbridge, waste inspection, temporary storage, waste stabilization facilities as per standards.
Environmental Monitoring:	Ground water wells for monitoring.
Site Development:	Well planned.
Record Keeping:	Satisfactory.
Waste Inspection:	Adequate facilities.
Phase Development and Operation:	Yearly.
Phase Closure:	HW cover system provided on completion of each phase (or part thereof).
Landfill Closure:	Progressive closure and joining of cover system with completion of each phase.
Vegetative Cover:	Local vegetation or grass / rubble with vegetation.
Post Closure Maintenance System:	Provision of funds for maintenance after closure

Conclusions

Construction drawings and photographs were reviewed during site visit and various components of the liner system were visually inspected and found satisfactory. It is observed that construction work of liner and leachate collection system of new cells 3 & 4 had been completed in all respects as per CPCB Guidelines and drawings approved by IIT Delhi. Closure of Cell-5 is underway and operations are satisfactory. Base liner system of monsoon storage shed (second part) has been completed.

Cells 3 & 4 are now ready to receive the waste. Base liner system of monsoon storage shed (second part) is also ready to receive waste.



(Dr. Manoj Datta)



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Date: 11.04.2022

Mr. Manoj Patel
BEIL Infrastructure Limited
Plot No. D-43
Dahej-Amod Road
Ta-Vagra
Dist-Bharuch (Gujarat)

Sub: Technical Review of Secured Landfill of BEIL at Dahej for Hazardous Waste

Overview

The Secured (Hazardous Waste) Landfill Facility of BEIL Infrastructure Limited at Dahej was assessed for compliance with HW Landfill Guidelines (HWLG) published by CPCB. The assessment was based on review of design documents, review of drawings, site visit on 09.04.2022, inspection of Cell-6, review of records and associated documents.

Review Report

Construction of Cell-6: (a) Construction of Cell-6 Completed, Inspected during site visit.
(b) All components installed as per design.
(c) Side slopes as per design
(d) Geosynthetic materials and soil layers as per specifications.
(e) Thickness of components adequate.
(f) Drainage layers as per design.
(g) Separation and filtration layers as per design.


Landfill Design: Design, construction, and operating methodology is satisfactory.
Landfill Layout: Layouts meets requirements of phased operation.
Landfill Section: Landfill side slopes, liner and cover provisions are as per design.
Phased Operation: Operation is in yearly phases.
Leachate Quantity: Minimized by temporary covering during monsoons. All leachate pumped out and treated.
Liner System: In accordance with HW landfill guidelines. All essential component (Including HDPE Geomembrane and barrier soil layer) meets minimum requirements as per guidelines.

Leachate Collection and Removal:	Leachate collection layer, drainage slopes, collection sump, leachate well and other components all comply with HW guidelines
Leachate Management:	Spray Drier and MEE.
Gaseous Emissions Management:	Gas collection layer and passive venting provided in design.
Final Cover System:	Gas collection layer, barrier layer, HDPE geomembrane, drainage layer, top soil and vegetation grass / rubble + vegetation meet HW guidelines.
Surface Water Drainage System:	Berms, drainage channels and surface water drain provided adequately
Slope Stability:	Slope inclination as per design.
Site Infrastructure:	Boundary wall, road, laboratory, drainage system, weighbridge, waste inspection, temporary storage, waste stabilization facilities as per standards
Environmental Monitoring System:	Ground water wells for monitoring.
Site Development:	Well planned.
Record Keeping:	Satisfactory.
Waste Inspection:	Adequate facilities.
Phase Development and operation:	Yearly
Phase Closure:	HW cover system provided on completion of each phase (or part thereof).
Landfill Closure:	Progressive closure and joining of cover system with completion of each phase.
Vegetative Cover:	Local vegetation or grass / rubble with local vegetation
Post-Closure Maintenance System:	Provision of funds for maintenance after closure.

Conclusions

Construction drawings and Photographs were reviewed during site and various components of the liner system were visually inspected and found satisfactory. It is observed that construction work of liner and leachate collection system of new cell-6 had been completed in all respects as per CPCB Guidelines and drawings approved by IIT Delhi.

Cell-6 is now ready to receive the waste.


(G. V. Ramana)

Professor

Dr. G.V. Ramana
Professor
Department of Civil Engineering
Indian Institute of Technology Delhi
Hauz Khas, New Delhi-110016


(Manoj Datta)

Professor

Dr. Manoj Datta
Professor
Civil Engineering Department
Indian Institute of Technology Delhi
Hauz Khas, New Delhi-110016

Annexure 00**Compliance of CPCB Criteria for Hazardous waste landfill**

Sr. No.	Conditions	Status
1.	Location Criteria: <ul style="list-style-type: none"> - Lake or Pond : 200 Mtrs - River : 100 Mtrs - Flood plain : 100 years - Highway : 500 Mtrs - Habitation : 500 Mtrs - Public Parks : 500 Mtrs - Critical habitat Area : No landfill - Wet Lands: No landfill - Airport : No Landfill - Water Supply: 500 Mtrs - Coastal Regulation Zone : No landfill - Ground Water table level: < 2 meters below the base 	Complied Landfill is located in Vagra Taluka fulfilling all the criteria mentioned in the guidelines. Nearest railway station is at about 50 Km, Bharuch. Nearest village is at about 3.76 KM, Dahej. Nearest airport is at about 75 Km, Vadodara. The project site is located about 43.7 km away from National Highway No. 8, 0.44 km and 33.87 km away from State Highway No 6 and 37. The CRZ area is about 7.0 Km away from the project site.
2.	Planning And Design criteria:	Complied
	1. Essential Components: <ul style="list-style-type: none"> - Liner System at base and sides of landfill - A leachate collection and treatment facility - Gas collection and treatment facility - Final cover system at top - Surface water drainage system - Environmental monitoring system - Closure and post closure plan 	Appropriate base and side liners has been provided according to the criteria. Leachate collection wells (Total 4 wells for the cell 1, cell2 & cell5, cell3, cell4 & Monsoon cell) has been provided for collecting leachate which further treated in MEE followed by Spray dryer. At present only cell 1 is capped and cell 2 & 5 are partially capped, Surface water drainage system is provided.
2. Phased Operation: <ul style="list-style-type: none"> - During the monsoon months the waste may stockpiled in a temporary holding area (covered with roof). During this period and the landfill may be kept capped with final cover/ intermediate cover and landfill operations suspended to reduce infiltration of rainwater into the landfill. 	Complied. Landfill site operation is being suspended during the 4 months of monsoon. We have constructed monsoon landfill cell of capacity 20000 MT having impervious bottom and roof cover has been provided. Landfill which	

		is in operation is covered with tarpaulin during these periods.
	<p>3. Liner system:</p> <ul style="list-style-type: none"> - Leachate control within a landfill involves the following steps: (a) prevention of migration of leachate from landfill sides and landfill base to the subsoil by suitable liner system; and (b) drainage of leachate collected at the base of a landfill to the side of the landfill and removal of the leachate from within the landfill. 	<p>Complied</p> <p>A proper base and side liners has been provided according to the criteria. Drainage system is also provided to avoid infiltration of surface water.</p>
	<p>4. Leachate Management:</p> <ul style="list-style-type: none"> - Offsite Treatment - Onsite Treatment - Recirculation 	<p>Complied</p> <p>Leachate collection wells (Total 5 wells for the cell 1, cell2, cell5, cell3, cell4, cell6 & Monsoon cell) has been provided and collected leachate is treated onsite in MEE. Leachate is recirculated accelerating process of landfill stabilization.</p>
	<p>5. Gaseous Emission Management:</p> <ul style="list-style-type: none"> - Controlled passive venting - Controlled collection and treatment 	<p>Complied</p> <p>At present only cell 1 is capped and cell 2 & 5 are partially capped</p>
	<p>6. Final Cover System</p>	<p>Complied</p> <p>At present cell 1 is capped and cell 2 & 5 are partially capped, while no other cells are closed. Closure of the Cell will be according to the Guidelines.</p>
	<p>7. Site Infrastructure:</p> <ul style="list-style-type: none"> - Site Entrance and Fencing. - Administrative and Site Control Offices - Access Roads - Waste Inspection and Sampling Facility. - Equipment Workshops and Garages. - Signs and Directions - Water Supply - Lighting - Vehicle Cleaning Facility - Fire Fighting Equipment 	<p>Complied</p> <p>All the facilities like site entrance and fencing, administration, site control offices, access roads, waste inspection, sampling facility, water supply, lightings, vehicle cleaning facility, firefighting equipment, signs and directions etc. have been provided.</p>
	<p>8. Environment Monitoring System:</p>	<p>Complied</p> <p>Regular monitoring of leachate quality, air quality, and noise is being carried out. Monitoring of ground water, leachate, VOC generation, ambient air monitoring, noise</p>

		monitoring has been conducted on regular basis. All the analysis reports are attached.
	9. Closure and post closure maintenance plan:	Complied At present only cell 1 is capped and cell 2 & 5 are partially capped, while no other cells are closed. Closure of the Cell will be according to the Guidelines.
3.	Waste Acceptance Criteria	Complied On arrival of any waste, it is first analyzed and if it follows GPCB/CPCB waste acceptance criteria then only then it is accepted.
4.	Construction and operational Criteria: <ul style="list-style-type: none"> - Site Development - Phase development - Phase operation - Phase closure - Landfill closure - Post closure vegetative stabilization 	Complied Proper facilities 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"> - During construction of liners and covers - During operation - During closure and post closure period - Environmental Monitoring System 	Complied Regular inspections of liners, and covers was being conducted during construction phase of landfill. Adequate environmental monitoring system has been provided.
6.	Financial Assurance Criteria	Complied We have prepared detailed financial estimates for construction, operation, and closure and post closure activity of the landfill.
7.	Contingency Plan for Emergency	Complied We are having onsite emergency plan, which is updated on yearly basis and submitted to GPCB, RO.

Date : 10-Oct-23

BEIL INFOSYSTEM - BEIL
BHARUCH ENVIRO INFRASTRUCTURE LTD.

Page 1 of 10

Receipt Date From: 01-APR-2023

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Receipt Date To: 30-APR-2023

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Ash Content	Calorific value	Carbon (%)	Halogen (as Cl)	Loss On Drying at 110°C	PACKAGE TYPE	Sulphur.	Viscosity	WASTE STATE	Water Content by K.F.(w/w)	pH
1	5f6f66b827			01-04-23 09:47:04	02-Apr-2023 10.44	Wastes or residues containing oil (5.2)	SOLID	WASTE RESIDUE.	1920.00 0	1.08	3904	NOT APPLICABLE	1.34	3.26	DRUMS	0.24	NFF	SOLID		8.50
2	3658580eb9			01-04-23 11:14:41	02-Apr-2023 10.32	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	1080.00 0	0.90	4739	NOT APPLICABLE	1.35	2.90	BAGS	0.31	NFF	SOLID		6.54
3	b5a8e1fd64			01-04-23 14:14:26	02-Apr-2023 10.36	Process wastes or residues (29.1)	SOLID	COTTON.	2340.00 0	0.86	4608	NOT APPLICABLE	1.14	2.48	BAGS	0.38	NFF	SOLID		6.72
4	85a0bf3362			01-04-23 18:31:57	02-Apr-2023 10.40	Distillation residues (20.3)	SEMI-SOLID	DISTILLATION RESIDUES.	5960.00 0	7.64	1628	NOT APPLICABLE	2.18	53.64	DRUMS	0.22	NFF	SEMI-SOLID		8.05
5	ab3424fee9			02-04-23 08:08:41	03-Apr-2023 09.29	Wastes or residues (not made with vegetable or animal materials) (23.1)	SOLID	WASTES OR RESIDUES.	4270.00 0	6.49	3197	NOT APPLICABLE	4.00	3.11	BAGS	2.65	NFF	SOLID		3.85
6	77fdb37928			02-04-23 09:40:18	03-Apr-2023 09.31	Any process or distillation residue (36.1)	SOLID	ANY PROCESS OR DISTILLATION RESIDUE.	10000.0 00	1.39	6640	NOT APPLICABLE	8.57	11.49	DRUMS	3.89	NFF	SOLID		4.12
7	57fb126d15			04-04-23 10:08:16	05-Apr-2023 09.30	Spent catalyst (17.2)	SOLID	SPENT CATALYST	5460.00 0	68.73	209	NOT APPLICABLE	2.54	32.89	BAGS	1.42	NFF	SOLID		7.80
8	e24ba3daaa			04-04-23 12:55:30	05-Apr-2023 00.15	Process Residue and wastes (28.1)	SEMI-SOLID	PROCESS RESIDUES.	8290.00 0	8.38	231	NOT APPLICABLE	1.68	63.26	DRUMS	5.44	NFF	SEMI-SOLID		12.06
9	25f46842c6			04-04-23 17:06:29	05-Apr-2023 00.12	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes (33.1)	SOLID	CONTAMINATED TIN.	760.000	5.96	4224	NOT APPLICABLE	1.49	4.46	BAGS	0.53	NFF	SOLID		5.41

Receipt Date From: 01-APR-2023

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Receipt Date To: 30-APR-2023

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Ash Content	Calorific value	Carbon (%)	Halogen (as Cl)	Loss On Drying at 110°C	PACKAGE TYPE	Sulphur.	Viscosity	WASTE STATE	Water Content by K.F.(w/w)	pH
10	9bdb38dbad			06-04-23 08:30:33	07-Apr-2023 09.19	Spent solvents (20.2)	ORGANIC LIQUID	SPENT SOLVENTS.	2720.00 0	1.56	5911	NOT APPLICABLE	4.79	78.28	DRUMS	3.42	FF	OLW	7.41	7.63
11	850173dcb6			06-04-23 10:04:44	07-Apr-2023 09.22	Spent solvents (20.2)	ORGANIC LIQUID	SPENT SOLVENTS.	9600.00 0	12.80	2845	NOT APPLICABLE	2.34	47.15	DRUMS	2.88	FF	OLW	44.30	8.68
12	b6ba4eb7df			06-04-23 10:31:48	07-Apr-2023 09.24	Process Residue and wastes (28.1)	SEMI-SOLID	PROCESS RESIDUES.	8450.00 0	16.73	901	NOT APPLICABLE	1.06	54.87	DRUMS	3.07	NFF	SEMI-SOLID		6.56
13	4c087dd6b8			06-04-23 15:37:43	07-Apr-2023 09.27	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE SLUDGE RESIDUES.	7890.00 0	3.79	3857	NOT APPLICABLE	28.33	18.44	BAGS	0.48	NFF	SOLID		5.55
14	65268d262a			07-04-23 08:00:56	08-Apr-2023 09.41	Process Residue and wastes (28.1)	SEMI-SOLID	PROCESS RESIDUES.	4160.00 0	18.44	821	NOT APPLICABLE	1.09	68.39	DRUMS	4.28	NFF	SEMI-SOLID		4.56
15	817eb236b3			07-04-23 10:53:50	08-Apr-2023 09.43	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE SLUDGE RESIDUES.	8830.00 0	4.58	3861	NOT APPLICABLE	28.39	28.32	BAGS	0.48	NFF	SOLID		5.28
16	b288191052			08-04-23 15:14:20	09-Apr-2023 09.53	Wastes or residues (not made with vegetable or animal materials) (23.1)	SOLID	WASTES OR RESIDUES.	2670.00 0	3.08	4159	NOT APPLICABLE	5.31	11.28	BAGS	0.0103	NFF	SOLID		11.62
17	f8cc58a88b			08-04-23 15:22:08	10-Apr-2023 10.08	Process Residue and wastes (28.1)	SOLID	INCINERATION WASTE	2700.00 0	8.96	3657	NOT APPLICABLE	2.16	24.66	BAGS	0.13	NFF	SOLID		8.13
18	d287a508c7			08-04-23 15:53:51	09-Apr-2023 09.43	Process wastes or residues (29.1)	AQUEOUS	PROCESS WASTE	25270.00 00	3.22	220	NOT APPLICABLE	4.08	58.92	TANKER	1.59	FF	AQUEOUS	64.74	10.64

Receipt Date From: 01-APR-2023

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Receipt Date To: 30-APR-2023

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Ash Content	Calorific value	Carbon (%)	Halogen (as Cl)	Loss On Drying at 110°C	PACKAGE TYPE	Sulphur.	Viscosity	WASTE STATE	Water Content by K.F.(w/w)	pH
19	287a51e187			08-04-23 17:32:26	09-Apr-2023 11.31	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	4320.000	2.66	4441	NOT APPLICABLE	1.25	16.28	DRUMS	1.54	NFF	SOLID		7.21
20	7da4b7dfc8			08-04-23 17:36:21	09-Apr-2023 09.58	Empty barrels/containers/liners contaminated with hazardous chemicals/wastes (33.11)	SOLID	CONTAMINATED TINS.	660.000	5.24	4080	NOT APPLICABLE	1.69	4.86	BAGS	0.61	NFF	SOLID		5.52
21	bd39c47120			09-04-23 07:45:38	10-Apr-2023 10.09	Process wastes, residues and sludges (21.1)	SOLID	PROCESS RESIDUES.	12070.000	6.40	4020	NOT APPLICABLE	1.12	14.44	BAGS	0.32	NFF	SOLID		7.96
22	5e92df8700			09-04-23 09:34:40	10-Apr-2023 10.13	Process wastes, residues and sludges (21.1)	SOLID	PROCESS WASTE.	3060.000	1.67	4306	NOT APPLICABLE	1.32	2.32	BAGS	0.21	NFF	SOLID		8.66
23	134c4349bd			10-04-23 10:32:25	11-Apr-2023 09.36	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	22220.000	11.40	2838	NOT APPLICABLE	2.12	68.70	TANKER	0.86	FF	OLW	48.66	4.12
24	1d1ab6250e			10-04-23 14:09:19	11-Apr-2023 09.42	Wastes or residues containing oil (5.2)	SOLID	COTTON WASTE	2240.000	1.03	5817	NOT APPLICABLE	1.03	3.41	BAGS	1.08	NFF	SOLID		6.18
25	be9b1e64db			11-04-23 08:27:02	12-Apr-2023 09.34	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	3390.000	1.01	6030	NOT APPLICABLE	1.08	4.75	DRUMS	0.32	NFF	SOLID		5.14
26	07535205c8			11-04-23 17:25:33	12-Apr-2023 09.36	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS WASTE..	21120.000	1.25	4863	NOT APPLICABLE	2.85	88.31	TANKER	0.64	FF	OLW	6.22	3.46
27	0a2ee8f054			12-04-23 10:26:00	13-Apr-2023 09.24	Spent solvents (20.2)	ORGANIC LIQUID	SPENT SOLVENTS	7210.000	2.38	3281	NOT APPLICABLE	4.71	70.49	DRUMS	4.60	FF	OLW	14.16	6.48

Receipt Date From: 01-APR-2023

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Receipt Date To: 30-APR-2023

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Ash Content	Calorific value	Carbon (%)	Halogen (as Cl)	Loss On Drying at 110°C	PACKAGE TYPE	Sulphur.	Viscosity	WASTE STATE	Water Content by K.F.(w/w)	pH
28	1d4c5f49f1			12-04-23 16:39:20	14-Apr-2023 10.42	Any process or distillation residue (36.1)	ORGANIC LIQUID	PROCESS RESIDUE	20420.000	2.65	3326	NOT APPLICABLE	9.97	65.40	TANKER	0.34	FF	OLW	11.51	3.64
29	4b58a8a5b3			13-04-23 08:36:53	14-Apr-2023 09.33	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SEMI-SOLID	PROCESS WASTE	10060.000	1.066	5084	NOT APPLICABLE	14.24	40.15	DRUMS	2.17	NFF	SEMI-SOLID		4.11
30	b81e6dd859			13-04-23 08:44:40	14-Apr-2023 09.31	Wastes or residues containing oil (5.2)	SOLID	COTTON WASTE.	330.000	0.75	5800	NOT APPLICABLE	1.03	3.41	BAGS	0.42	NFF	SOLID		6.52
31	6c33d8fc6a			14-04-23 09:20:01	15-Apr-2023 09.48	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS WASTE..	17340.000	4.35	3489	NOT APPLICABLE	3.50	70.44	TANKER	0.72	FF	OLW	11.07	3.74
32	4d229edfc7			14-04-23 14:31:01	15-Apr-2023 09.46	Process Sludge (20.4)	SEMI-SOLID	PROCESS RESIDUES	11550.000	1.68	4820	NOT APPLICABLE	1.01	45.75	DRUMS	0.89	NFF	SEMI-SOLID		4.12
33	3015ad0452			15-04-23 07:29:20	16-Apr-2023 11.23	Total Petroleum Hydrocarbons (TPH) (C5 - C36) (B2)	SEMI-SOLID	ACID ANHYDRIDES.	6800.000	4.34	3085	NOT APPLICABLE	35.49	58.14	DRUMS	9.19	NFF	SEMI-SOLID		4.15
34	5f6285aa49			15-04-23 07:52:01	16-Apr-2023 09.50	Process wastes or residues (29.1)	SOLID	CONTAMINATED WASTE LINERS.	2940.000	1.26	5741	NOT APPLICABLE	1.09	2.64	BAGS	0.56	NFF	SOLID		6.51
35	f895f50640			15-04-23 08:01:33	16-Apr-2023 11.24	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SEMI-SOLID	PROCESS WASTE	8910.000	5.38	2429	NOT APPLICABLE	21.40	59.22	DRUMS	4.28	NFF	SEMI-SOLID		4.58
36	95cea74b37			16-04-23 08:51:57	17-Apr-2023 10.26	Any process or distillation residue (36.1)	SEMI-SOLID	ANY PROCESS WASTE.	8360.000	3.16	5375	NOT APPLICABLE	12.34	48.64	DRUMS	1.16	NFF	SEMI-SOLID		3.31

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Receipt Date To: 30-APR-2023

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Ash Content	Calorific value	Carbon (%)	Halogen (as Cl)	Loss On Drying at 110°C	PACKAGE TYPE	Sulphur.	Viscosity	WASTE STATE	Water Content by K.F.(w/w)	pH
37	ec0c1e7d53			16-04-23 11:17:26	17-Apr-2023 09:55	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE SLUDGE RESIDUES.	11280.000	6.38	3862	NOT APPLICABLE	28.58	16.68	BAGS	0.24	NFF	SOLID		4.18
38	f69e80e50f			16-04-23 14:13:45	17-Apr-2023 13:04	Any process or distillation residue (36.1)	AQUEOUS	ANY PROCESS WASTE.	12810.000	3.06	1826	NOT APPLICABLE	23.00	71.44	DRUMS	1.02	FF	AQUEOUS	25.01	1.04
39	2885193350			16-04-23 15:57:47	17-Apr-2023 10:00	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS WASTE..	21070.000	1.89	3509	NOT APPLICABLE	2.71	74.44	TANKER	5.79	FF	OLW	18.11	5.15
40	ebcc0d84e3			17-04-23 10:42:28	18-Apr-2023 09:43	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	25460.000	1.93	3824	NOT APPLICABLE	1.55	80.44	TANKER	8.89	FF	OLW	8.06	4.55
41	56a237b41b			18-04-23 08:14:42	19-Apr-2023 10:21	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE SLUDGE RESIDUES.	10800.000	4.06	3768	NOT APPLICABLE	26.58	26.11	BAGS	0.56	NFF	SOLID		5.23
42	cfc5b13dc6			18-04-23 08:47:28	19-Apr-2023 10:25	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SEMI-SOLID	PROCESS WASTE	9840.000	1.69	5436	NOT APPLICABLE	31.04	39.49	DRUMS	5.56	NFF	SEMI-SOLID		4.48
43	7d4dfa6273			18-04-23 08:51:14	19-Apr-2023 10:23	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	730.000	1.37	4277	NOT APPLICABLE	1.39	1.00	BAGS	0.48	NFF	SOLID		4.26
44	29e08bf02f			18-04-23 09:29:47	19-Apr-2023 10:29	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	23300.000	1.58	4262	NOT APPLICABLE	1.24	84.73	TANKER	8.23	FF	OLW	6.38	3.89
45	981651f81a			18-04-23 12:00:05	19-Apr-2023 10:31	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE SLUDGE RESIDUES.	10700.000	4.13	3809	NOT APPLICABLE	27.85	25.89	BAGS	0.52	NFF	SOLID		5.33

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Receipt Date To: 30-APR-2023

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Ash Content	Calorific value	Carbon (%)	Halogen (as Cl)	Loss On Drying at 110°C	PACKAGE TYPE	Sulphur.	Viscosity	WASTE STATE	Water Content by K.F.(w/w)	pH
46	8cc896b9dd			18-04-23 15:28:07	19-Apr-2023 10.35	Any process or distillation residue (36.1)	AQUEOUS	ANY PROCESS WASTE.	12010.000	2.21	1971	NOT APPLICABLE	25.59	41.92	DRUMS	0.33	FF	AQUEOUS	21.97	2.12
47	d756df620b			18-04-23 15:33:10	19-Apr-2023 10.33	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS WASTE..	22060.000	1.78	3515	NOT APPLICABLE	2.12	72.21	TANKER	3.93	FF	OLW	22.14	4.80
48	4c6629190c			19-04-23 09:55:59	19-Apr-2023 23.41	Wastes or residues (not made with vegetable or animal materials) (23.1)	SEMI-SOLID	WASTE OR RESIDUES.	2605.000	2.36	5594	NOT APPLICABLE	1.03	54.16	DRUMS	0.46	NFF	SEMI-SOLID		6.38
49	be03ad13d2			19-04-23 15:14:34	19-Apr-2023 23.38	Wastes or residues (not made with vegetable or animal materials) (23.1)	SOLID	WASTES OR RESIDUES.	2110.000	3.52	4393	NOT APPLICABLE	2.15	10.18	BAGS	0.50	NFF	SOLID		7.12
50	ffe1ce4f40			19-04-23 18:02:55	19-Apr-2023 23.33	Wastes or residues containing oil (5.2)	SOLID	CONTAMINATED WASTE	2870.000	1.22	4803	NOT APPLICABLE	1.23	4.35	BAGS	0.36	NFF	SOLID		5.85
51	294fcd6b9			20-04-23 07:53:44	21-Apr-2023 10.08	Wastes or residues (not made with vegetable or animal materials) (23.1)	SEMI-SOLID	PROCESS RESIDUE..	4790.000	12.84	505	NOT APPLICABLE	1.09	44.34	DRUMS	0.56	NFF	SEMI-SOLID		4.71
52	f8017e0fab			20-04-23 10:14:31	21-Apr-2023 10.11	Spent solvents (20.2)	ORGANIC LIQUID	SPENT SOLVENTS	7580.000	1.15	5586	NOT APPLICABLE	16.26	86.09	DRUMS	0.93	FF	OLW	6.29	5.18
53	04de6fd5fc			20-04-23 10:41:12	21-Apr-2023 10.03	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	22850.000	1.23	4010	NOT APPLICABLE	1.16	78.18	TANKER	7.92	FF	OLW	8.06	4.51
54	3173d1ce3e			20-04-23 14:23:51	21-Apr-2023 10.06	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	23030.000	1.03	3824	NOT APPLICABLE	0.73	82.44	TANKER	8.28	FF	OLW	4.74	3.69

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Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Ash Content	Calorific value	Carbon (%)	Halogen (as Cl)	Loss On Drying at 110°C	PACKAGE TYPE	Sulphur.	Viscosity	WASTE STATE	Water Content by K.F. (w/w)	pH
55	e9c893816e			20-04-23 15:04:07	21-Apr-2023 10.13	Any process or distillation residue (36.1)	AQUEOUS	ANY PROCESS WASTE.	10830.000	2.14	1745	NOT APPLICABLE	47.54	55.18	DRUMS	0.53	FF	AQUEOUS	28.03	2.56
56	041e6fa1ed			21-04-23 08:14:40	22-Apr-2023 08.21	Spent solvents (20.2)	SEMI-SOLID	SPENT SOLVENT.	8440.000	0.93	5740	NOT APPLICABLE	1.00	51.66	DRUMS	4.78	NFF	SEMI-SOLID		3.28
57	1cf0d8404e			21-04-23 08:23:14	22-Apr-2023 08.24	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SEMI-SOLID	PROCESS WASTE	9200.000	18.52	1337	NOT APPLICABLE	9.88	59.63	DRUMS	10.30	NFF	SEMI-SOLID		3.82
58	e3224ea9cc			21-04-23 08:27:45	22-Apr-2023 08.21	Spent solvents (20.2)	ORGANIC LIQUID	SPENT SOLVENTS.	1180.000	0.74	4278	NOT APPLICABLE	3.21	91.47	DRUMS	0.61	FF	OLW	8.49	5.12
59	5881aa5744			21-04-23 08:30:58	22-Apr-2023 08.21	Distillation residues (20.3)	SOLID	DISTILLATION RESIDUES.	3580.000	1.03	4824	NOT APPLICABLE	1.25	1.80	BAGS	0.28	NFF	SOLID		8.55
60	4b012dc34e			21-04-23 09:58:25	22-Apr-2023 08.24	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	28710.000	0.77	4168	NOT APPLICABLE	1.13	47.35	TANKER	6.89	FF	OLW	4.88	3.89
61	228c27cd3b			22-04-23 08:37:08	23-Apr-2023 00.59	Spent solvents (20.2)	AQUEOUS	SPENT SOLVENT.	10540.000	4.26	1056	NOT APPLICABLE	6.60	49.58	DRUMS	0.56	FF	AQUEOUS	55.78	8.38
62	8e6eb1668f			22-04-23 16:43:49	23-Apr-2023 00.54	Spent solvents (20.2)	ORGANIC LIQUID	SPENT SOLVENTS.	6110.000	0.88	4878	NOT APPLICABLE	4.56	78.69	DRUMS	0.76	FF	OLW	9.02	6.51
63	d50dd92dcc			23-04-23 07:57:08	24-Apr-2023 06.03	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE SLUDGE RESIDUES.	13240.000	2.20	3920	NOT APPLICABLE	28.36	19.56	BAGS	0.46	NFF	SOLID		4.96

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Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Ash Content	Calorific value	Carbon (%)	Halogen (as Cl)	Loss On Drying at 110°C	PACKAGE TYPE	Sulphur.	Viscosity	WASTE STATE	Water Content by K.F.(w/w)	pH
64	c3c0f227eb			23-04-23 09:15:58	24-Apr-2023 06.04	Any process or distillation residue (36.1)	SEMI-SOLID	ANY PROCESS OR DISTILATION RESIDUE.	7790.000	1.39	4156	NOT APPLICABLE	34.07	45.74	DRUMS	6.86	NFF	SEMI-SOLID		3.12
65	111864143d			23-04-23 11:37:33	24-Apr-2023 06.04	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	30060.000	1.73	3751	NOT APPLICABLE	0.57	68.14	TANKER	5.724	FF	OLW	10.62	3.42
66	357d2d27a1			24-04-23 09:55:33	25-Apr-2023 01.12	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS WASTE..	22100.000	1.05	3931	NOT APPLICABLE	1.13	91.66	TANKER	5.62	FF	OLW	18.52	4.23
67	3b4d1ec1c2			24-04-23 15:39:38	25-Apr-2023 01.18	Any process or distillation residue (36.1)	SEMI-SOLID	ANY PROCESS.	11710.000	5.51	2653	NOT APPLICABLE	35.48	53.93	DRUMS	0.21	NFF	SEMI-SOLID		3.14
68	b46748d1c7			25-04-23 07:16:00	26-Apr-2023 05.08	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SEMI-SOLID	PROCESS WASTE.	4100.000	9.56	2001	NOT APPLICABLE	1.17	55.48	DRUMS	2.86	NFF	SEMI-SOLID		6.38
69	c85b045179			25-04-23 10:35:17	26-Apr-2023 05.06	Sludge from wet scrubbers (37.1)	ORGANIC LIQUID	PROCESS RESIDUE.	4060.000	0.73	5443	NOT APPLICABLE	1.22	91.11	DRUMS	1.41	FF	OLW	1.50	4.38
70	944c093b3b			25-04-23 11:23:02	26-Apr-2023 05.07	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	6650.000	4.13	4782	NOT APPLICABLE	1.12	7.22	BAGS	0.56	NFF	SOLID		6.12
71	3ea54fab77			25-04-23 12:22:45	26-Apr-2023 05.07	Any process or distillation residue (36.1)	AQUEOUS	ANY PROCESS WASTE.	11690.000	2.21	1807	NOT APPLICABLE	6.30	67.43	DRUMS	0.64	FF	AQUEOUS	24.08	4.12
72	64471d4d26			25-04-23 15:25:07	26-Apr-2023 05.07	Process Sludge (20.4)	SEMI-SOLID	PROCESS RESIDUES	9970.000	0.93	5069	NOT APPLICABLE	9.74	35.63	DRUMS	0.84	NFF	SEMI-SOLID		4.52

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Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Ash Content	Calorific value	Carbon (%)	Halogen (as Cl)	Loss On Drying at 110°C	PACKAGE TYPE	Sulphur.	Viscosity	WASTE STATE	Water Content by K.F.(w/w)	pH
73	1341839dc8			26-04-23 09:46:52	27-Apr-2023 09.45	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SEMI-SOLID	PROCESS WASTE	9610.000	7.53	2171	NOT APPLICABLE	18.15	44.06	DRUMS	0.44	NFF	SEMI-SOLID		4.43
74	8807c353ac			26-04-23 15:43:44	27-Apr-2023 09.47	Spent catalysts (29.5)	SOLID	SPENT CATALYSTS.	6450.000	0.89	5405	NOT APPLICABLE	8.17	6.41	BAGS	0.26	NFF	SOLID		9.86
75	44a1f27dd3			27-04-23 08:00:13	28-Apr-2023 10.18	Spent solvents (20.2)	SEMI-SOLID	SPENT SOLVENT.	9790.000	3.90	4851	NOT APPLICABLE	1.02	55.39	DRUMS	3.75	NFF	SEMI-SOLID		4.82
76	6bfcc16222			27-04-23 08:04:13	27-Apr-2023 22.51	Wastes or residues containing oil (5.2)	SOLID	COTTON WASTE.	3570.000	1.16	3869	NOT APPLICABLE	1.13	2.16	BAGS	.46	NFF	SOLID		6.52
77	721af1bfb4			27-04-23 09:02:51	28-Apr-2023 09.44	Distillation residues (20.3)	SEMI-SOLID	DISTILLATION RESIDUES.	6020.000	6.26	3374	NOT APPLICABLE	8.45	54.19	DRUMS	3.22	NFF	SEMI-SOLID		8.52
78	1c25b84d37			27-04-23 12:05:52	28-Apr-2023 09.36	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	EXPIRED CHEMICAL SLUDGE	9800.000	6.24	3281	NOT APPLICABLE	1.09	36.16	BAGS	5.16	NFF	SOLID		5.38
79	441c973292			27-04-23 14:18:56	27-Apr-2023 22.57	Empty barrels/containers/liners contaminated with hazardous chemicals/wastes (33.11)	SOLID	CONTAMINATED TINS.	620.000	3.26	4072	NOT APPLICABLE	1.43	2.16	BAGS	0.36	NFF	SOLID		4.48
80	0215a92cf2			27-04-23 14:34:31	27-Apr-2023 23.00	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE SLUDGE RESIDUES.	10110.000	2.48	4297	NOT APPLICABLE	17.60	18.64	BAGS	0.28	NFF	SOLID		6.22
81	34de535b3d			28-04-23 09:59:42	29-Apr-2023 13.07	Distillation residues (20.3)	SEMI-SOLID	DISTILLATION RESIDUES.	13490.000	9.46	2587	NOT APPLICABLE	29.86	41.88	DRUMS	4.59	NFF	SEMI-SOLID		4.58

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Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Ash Content	Calorific value	Carbon (%)	Halogen (as Cl)	Loss On Drying at 110°C	PACKAGE TYPE	Sulphur.	Viscosity	WASTE STATE	Water Content by K.F. (w/w)	pH
82	dbd0e54976			28-04-23 12:33:07	29-Apr-2023 11.05	Wastes or residues (not made with vegetable or animal materials) (23.1)	SOLID	WASTES OR RESIDUES.	3700.000	4.26	5275	NOT APPLICABLE	1.31	2.04	BAGS	0.31	NFF	SOLID		4.82
83	1fe70e95ea			28-04-23 17:22:13	29-Apr-2023 11.11	Process Sludge (20.4)	SEMI-SOLID	PROCESS RESIDUES	9310.000	5.14	4801	NOT APPLICABLE	2.14	51.36	DRUMS	1.19	NFF	SEMI-SOLID		4.48
84	57f7b3b14d			28-04-23 17:36:15	29-Apr-2023 13.14	Any process or distillation residue (36.1)	ORGANIC LIQUID	ANY PROCESS WASTE.	7910.000	0.94	5385	NOT APPLICABLE	10.68	91.68	DRUMS	1.25	FF	OLW	2.18	3.65
85	1d31478f0e			29-04-23 07:59:24	30-Apr-2023 10.03	Off specification products (28.4)	SEMI-SOLID	RESIDUES WASTE	8330.000	0.70	6123	NOT APPLICABLE	6.55	40.11	DRUMS	5.50	NFF	SEMI-SOLID		4.64
86	ebd8341973			29-04-23 10:21:15	30-Apr-2023 10.07	Process wastes or residues (29.1)	SOLID	PROCESS WASTE.	2530.000	1.55	3697	NOT APPLICABLE	2.58	9.35	BAGS	16.17	NFF	SOLID		5.56
87	771ad74545			29-04-23 10:25:20	30-Apr-2023 10.05	Process wastes or residues (29.1)	SEMI-SOLID	PROCESS WASTE.	6130.000	7.14	533	NOT APPLICABLE	1.97	55.09	DRUMS	1.75	NFF	SEMI-SOLID		5.13
88	Odf746bd8b			29-04-23 16:13:12	30-Apr-2023 10.19	Date-expired and off-specification pesticides (29.3)	SOLID	DATE EXPIRED AND.	3970.000	2.29	2794	NOT APPLICABLE	1.05	6.02	BAGS	15.92	NFF	SOLID		7.12

TEST REPORT

QF/7.8/37-WT

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Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0048
	Issue Date :	08/05/2023
	Customer's Ref. :	W.O. No. 8522230080 Dated:29.04.2022

Sampling Location :	EB 1 Up stream (Borewell)
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Description of Sample :	Ground Water sample	Quantity/No. of Samples :	05 Lit./One
Date of Sampling :	28/04/2023	Sampling Procedure :	IS:3025
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) :	QC/Env. Monitoring
Sample Receipt Date :	29/04/2023	Lab ID. :	BLD/2304/04
Packing/ Seal :	Sealed	Test Parameters :	As per table
Date of Starting of Test :	29/04/2023	Date of Completion of Test :	08/05/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.45	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	55.48	IS 3025 (Part – 14)
4	Turbidity	NTU	1.39	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	13	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	36061	IS 3025 (Part-16)
7	TOC	mg/L	6.29	APHA (23 rd Edition) 5310 B
8	COD	mg/L	71	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	4210	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	544	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.47	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	16844	APHA (23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3460	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.93	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.52	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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

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

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0048 Issue Date : 08/05/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	--

Sampling Location : EB 1 Up stream (Borewell)
--

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.35	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	484	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	720	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	12040	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	247	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.93	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0048 Issue Date : 08/05/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	--

Sampling Location : **EB 1 Up stream (Borewell)**

RESULT TABLE

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

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


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0049 Issue Date : 08/05/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	--

Sampling Location : **EB 2 Down Stream (Borewell)**

Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 28/04/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 29/04/2023	Lab ID.	: BLD/2304/05
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 29/04/2023	Date of Completion of Test	: 08/05/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.75	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	49.72	IS 3025 (Part – 14)
4	Turbidity	NTU	1.21	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	10	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	32320	IS 3025 (Part-16)
7	TOC	mg/L	5.79	APHA (23 rd Edition) 5310 B
8	COD	mg/L	60.6	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	3540	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	520	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.31	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	15045	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3175	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.49	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.48	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0049 Issue Date : 08/05/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---

Sampling Location : **EB 2 Down Stream (Borewell)**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.93	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	404	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	606	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	11852	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	203	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.2	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L.

**attached pesticides list



H. T. Shah
Lab. Manager



Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0049 Issue Date : 08/05/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	--

Sampling Location : **EB 2 Down Stream (Borewell)**

RESULT TABLE

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

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


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0050 Issue Date : 08/05/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	--

Sampling Location	: Nr. Gram Panchayat
-------------------	-----------------------------

Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 28/04/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 29/04/2023	Lab ID.	: BLD/2304/06
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 29/04/2023	Date of Completion of Test	: 08/05/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.78	IS 3025 (Part 11)
2	Colour	Hazen	4.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.55	IS 3025 (Part – 14)
4	Turbidity	NTU	0.4	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	354	IS 3025 (Part-16)
7	TOC	mg/L	Not Detected	APHA (23 rd Edition) 5310 B
8	COD	mg/L	Not Detected	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	108	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	152	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	Not Detected	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	118	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	21.62	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	Not Detected	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.06	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0050 Issue Date : 08/05/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---

Sampling Location : **Nr. Gram Panchayat**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	Not Detected	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	32	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	6.72	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	19.29	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	4.7	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	Not Detected	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L, Total Suspended Solids: 2.0 mg/L, TOC: 0.1 mg/L, COD: 5.0 mg/L, Total Kjeldahl Nitrogen: 0.2 mg/L, Fluorides as F: 0.05 mg/L, BOD : 1.0 mg/L, Nitrate : 0.5 mg/L.

**attached pesticides list



H. T. Shah
Lab. Manager



Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0050 Issue Date : 08/05/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	--

Sampling Location	: Nr. Gram Panchayat
-------------------	-----------------------------

RESULT TABLE

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

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



H. T. Shah
Lab. Manager



Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0051 Issue Date : 08/05/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	--

Sampling Location	: Nr. Bus Station
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 28/04/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 29/04/2023	Lab ID.	: BLD/2304/07
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 29/04/2023	Date of Completion of Test	: 08/05/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.83	IS 3025 (Part 11)
2	Colour	Hazen	4.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.51	IS 3025 (Part – 14)
4	Turbidity	NTU	0.38	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	334	IS 3025 (Part-16)
7	TOC	mg/L	Not Detected	APHA (23 rd Edition) 5310 B
8	COD	mg/L	Not Detected	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	106	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	137	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	Not Detected	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	121	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	19.65	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	Not Detected	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.05	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0051 Issue Date : 08/05/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	--

Sampling Location	: Nr. Bus Station
-------------------	--------------------------

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	Not Detected	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	29.2	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	7.92	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	18.72	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	4.29	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	Not Detected	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L, Total Suspended Solids: 2.0 mg/L, TOC: 0.1 mg/L, COD: 5.0 mg/L, Total Kjeldahl Nitrogen: 0.2 mg/L, Fluorides as F: 0.05 mg/L, BOD : 1.0 mg/L, Nitrate : 0.5 mg/L.

**attached pesticides list



H. T. Shah
Lab. Manager



Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0052 Issue Date : 08/05/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	--

Sampling Location	: Inside Mandir
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 28/04/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 29/04/2023	Lab ID.	: BLD/2304/08
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 29/04/2023	Date of Completion of Test	: 08/05/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.71	IS 3025 (Part 11)
2	Colour	Hazen	3.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.63	IS 3025 (Part – 14)
4	Turbidity	NTU	0.21	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	405	IS 3025 (Part-16)
7	TOC	mg/L	Not Detected	APHA (23 rd Edition) 5310 B
8	COD	mg/L	Not Detected	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	92	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	170	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	Not Detected	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	132	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	25.58	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	Not Detected	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.06	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
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---	--

Sampling Location	: Inside Mandir
-------------------	------------------------

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	Not Detected	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	28.8	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	4.8	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	35.31	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	6.21	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	Not Detected	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L, Total Suspended Solids: 2.0 mg/L, TOC: 0.1 mg/L, COD: 5.0 mg/L, Total Kjeldahl Nitrogen: 0.2 mg/L, Fluorides as F: 0.05 mg/L, BOD : 1.0 mg/L, Nitrate : 0.5 mg/L.

**attached pesticides list



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Lab. Manager



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---	--

Sampling Location	: Inside Mandir
-------------------	------------------------

RESULT TABLE

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

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


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0053 Issue Date : 08/05/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	--

Sampling Location	: EB 3 Down stream (Borewell)
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 28/04/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 29/04/2023	Lab ID.	: BLD/2304/09
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 29/04/2023	Date of Completion of Test	: 08/05/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.82	IS 3025 (Part 11)
2	Colour	Co.pt	11	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	53.90	IS 3025 (Part – 14)
4	Turbidity	NTU	1.25	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	11	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	35024	IS 3025 (Part-16)
7	TOC	mg/L	5.61	APHA (23 rd Edition) 5310 B
8	COD	mg/L	59	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	4040	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	436	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.28	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	15045	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3015	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.69	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.47	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...



H. T. Shah
Lab. Manager



Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0053
	Issue Date :	08/05/2023
	Customer's Ref. :	W.O. No. 8522230080 Dated:29.04.2022

Sampling Location :	EB 3 Down stream (Borewell)
---------------------	------------------------------------

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.98	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	420	IS 3025 (Part - 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	717	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	11960	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	214	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.35	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L, Total Suspended Solids: 2.0 mg/L, TOC: 0.1 mg/L, COD: 5.0 mg/L, Total Kjeldahl Nitrogen: 0.2 mg/L, Fluorides as F: 0.05 mg/L, BOD : 1.0 mg/L, Nitrate : 0.5 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0053 Issue Date : 08/05/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	--

Sampling Location : **EB 3 Down stream (Borewell)**

RESULT TABLE

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

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


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0054 Issue Date : 08/05/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	--

Sampling Location	: EB 4 Down stream (Borewell)
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 28/04/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 29/04/2023	Lab ID.	: BLD/2304/10
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 29/04/2023	Date of Completion of Test	: 08/05/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.87	IS 3025 (Part 11)
2	Colour	Co.pt	10	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	50.25	IS 3025 (Part – 14)
4	Turbidity	NTU	1.16	10APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	10	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	32660	IS 3025 (Part-16)
7	TOC	mg/L	4.87	APHA (23 rd Edition) 5310 B
8	COD	mg/L	53	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	3960	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	422	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.21	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	15145	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	2635	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.52	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.43	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

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---	--

Sampling Location : EB 4 Down stream (Borewell)
--

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.19	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	388	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	718	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	10937	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	228	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	5.9	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L, Total Suspended Solids: 2.0 mg/L, TOC: 0.1 mg/L, COD: 5.0 mg/L, Total Kjeldahl Nitrogen: 0.2 mg/L, Fluorides as F: 0.05 mg/L, BOD : 1.0 mg/L, Nitrate : 0.5 mg/L.

**attached pesticides list



H. T. Shah
Lab. Manager



Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

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---	--

Sampling Location	: EB 4 Down stream (Borewell)
-------------------	--------------------------------------

RESULT TABLE

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

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


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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- ISO 9001 : 2008

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

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0059A
	Issue Date :	27/05/2023
	Customer's Ref. :	W.O. No. 8523240099
		Dated:03.05.2023

Sampling Location :	EB 1 Up stream (Borewell)
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Description of Sample :	Ground Water sample	Quantity/No. of Samples :	05 Lit./One
Date of Sampling :	17/05/2023	Sampling Procedure :	IS:3025
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) :	QC/Env. Monitoring
Sample Receipt Date :	18/05/2023	Lab ID. :	BLD/2305/15
Packing/ Seal :	Sealed	Test Parameters :	As per table
Date of Starting of Test :	18/05/2023	Date of Completion of Test :	27/05/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.34	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	55.32	IS 3025 (Part – 14)
4	Turbidity	NTU	1.53	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	16	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	36134	IS 3025 (Part-16)
7	TOC	mg/L	6.6	APHA (23 rd Edition) 5310 B
8	COD	mg/L	68	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	4140	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	560	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.75	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	17420	APHA (23 rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3822	APHA(23 rd Edition) 4110 B
14	Nitrate	mg/L	1.71	APHA(23 rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23 rd Edition) 3111 B
24	Iron as Fe	mg/L	0.61	APHA (23 rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition) 3111 B

Continue...

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0059A
	Issue Date :	27/05/2023
	Customer's Ref. :	W.O. No. 8523240099 Dated:03.05.2023

Sampling Location : **EB 1 Up stream (Borewell)**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.13	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	462	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	716	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	13226	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	270	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.2	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L.

**attached pesticides list

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0059A Issue Date : 27/05/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
--	---

Sampling Location : **EB 1 Up stream (Borewell)**

RESULT TABLE

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

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


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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**TEST REPORT**

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0060A
	Issue Date :	27/05/2023
	Customer's Ref. :	W.O. No. 8523240099
		Dated:03.05.2023

Sampling Location :	EB 2 Down Stream (Borewell)
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Description of Sample :	Ground Water sample	Quantity/No. of Samples :	05 Lit./One
Date of Sampling :	17/05/2023	Sampling Procedure :	IS:3025
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) :	QC/Env. Monitoring
Sample Receipt Date :	18/05/2023	Lab ID. :	BLD/2305/16
Packing/ Seal :	Sealed	Test Parameters :	As per table
Date of Starting of Test :	18/05/2023	Date of Completion of Test :	27/05/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.47	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	50.22	IS 3025 (Part - 14)
4	Turbidity	NTU	1.5	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	13	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	32648	IS 3025 (Part-16)
7	TOC	mg/L	6.0	APHA (23 rd Edition) 5310 B
8	COD	mg/L	62	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	3660	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	519	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	1.46	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	15439	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3368	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.67	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.58	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

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

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0060A Issue Date : 27/05/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
---	---

Sampling Location : **EB 2 Down Stream (Borewell)**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.08	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	424	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	624	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	12014	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	236	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	5.6	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0061A Issue Date : 27/05/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
---	---

Sampling Location	: Nr. Gram Panchayat
-------------------	-----------------------------

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

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.77	IS 3025 (Part 11)
2	Colour	Hazen	5.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.45	IS 3025 (Part – 14)
4	Turbidity	NTU	0.33	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	312	IS 3025 (Part-16)
7	TOC	mg/L	Not Detected	APHA (23 rd Edition) 5310 B
8	COD	mg/L	Not Detected	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	82	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	120	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	Not Detected	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	114	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	14.8	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	Not Detected	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.063	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...



H. T. Shah
Lab. Manager



Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0061A Issue Date : 27/05/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
---	---

Sampling Location : **Nr. Gram Panchayat**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	Not Detected	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	36	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	5.6	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	16.32	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	3.6	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	Not Detected	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L, Total Suspended Solids: 2.0 mg/L, TOC: 0.1 mg/L, COD: 5.0 mg/L, Total Kjeldahl Nitrogen: 0.2 mg/L, Fluorides as F: 0.05 mg/L, BOD : 1.0 mg/L, Nitrate : 0.5 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0061A Issue Date : 27/05/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
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Sampling Location : **Nr. Gram Panchayat**

RESULT TABLE

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

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


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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

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

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

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0062A Issue Date : 27/05/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
---	---

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

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.65	IS 3025 (Part 11)
2	Colour	Hazen	3.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.44	IS 3025 (Part – 14)
4	Turbidity	NTU	0.29	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	286	IS 3025 (Part-16)
7	TOC	mg/L	Not Detected	APHA (23 rd Edition) 5310 B
8	COD	mg/L	Not Detected	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	106	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	115	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	Not Detected	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	106	APHA(23 rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	12.8	APHA(23 rd Edition) 4110 B
14	Nitrate	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23 rd Edition) 3111 B
24	Iron as Fe	mg/L	0.061	APHA (23 rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition) 3111 B

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0062A
	Issue Date :	27/05/2023
	Customer's Ref. :	W.O. No. 8523240099 Dated:03.05.2023

Sampling Location : **Nr. Bus Station**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	Not Detected	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	26	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	6.0	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	21.84	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	3.2	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	Not Detected	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L, Total Suspended Solids: 2.0 mg/L, TOC: 0.1 mg/L, COD: 5.0 mg/L, Total Kjeldahl Nitrogen: 0.2 mg/L, Fluorides as F: 0.05 mg/L, BOD : 1.0 mg/L, Nitrate : 0.5 mg/L.

**attached pesticides list

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0062A Issue Date : 27/05/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
--	---

Sampling Location : **Nr. Bus Station**

RESULT TABLE

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

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


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0063A Issue Date : 27/05/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
--	---

Sampling Location	: Inside Mandir
-------------------	------------------------

Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 17/05/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 18/05/2023	Lab ID.	: BLD/2305/19
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 18/05/2023	Date of Completion of Test	: 27/05/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.82	IS 3025 (Part 11)
2	Colour	Hazen	4.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.59	IS 3025 (Part – 14)
4	Turbidity	NTU	0.42	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	382	IS 3025 (Part-16)
7	TOC	mg/L	Not Detected	APHA (23 rd Edition) 5310 B
8	COD	mg/L	Not Detected	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	136	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	124	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	Not Detected	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	166	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	18.4	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	Not Detected	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.059	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...



H. T. Shah
Lab. Manager



Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0063A Issue Date : 27/05/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
---	---

Sampling Location : **Inside Mandir**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	Not Detected	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	28	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	15.84	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	22.4	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	3.6	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	Not Detected	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L, Total Suspended Solids: 2.0 mg/L, TOC: 0.1 mg/L, COD: 5.0 mg/L, Total Kjeldahl Nitrogen: 0.2 mg/L, Fluorides as F: 0.05 mg/L, BOD : 1.0 mg/L, Nitrate : 0.5 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0063A Issue Date : 27/05/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
---	---

Sampling Location : **Inside Mandir**

RESULT TABLE

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

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


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0064A
	Issue Date :	27/05/2023
	Customer's Ref. :	W.O. No. 8523240099
		Dated:03.05.2023

Sampling Location :	EB 3 Down stream (Borewell)
---------------------	------------------------------------

Description of Sample :	Ground Water sample	Quantity/No. of Samples :	05 Lit./One
Date of Sampling :	17/05/2023	Sampling Procedure :	IS:3025
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) :	QC/Env. Monitoring
Sample Receipt Date :	18/05/2023	Lab ID. :	BLD/2305/20
Packing/ Seal :	Sealed	Test Parameters :	As per table
Date of Starting of Test :	18/05/2023	Date of Completion of Test :	27/05/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.25	IS 3025 (Part 11)
2	Colour	Co.pt	10	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	53.62	IS 3025 (Part – 14)
4	Turbidity	NTU	1.36	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	10.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	34864	IS 3025 (Part-16)
7	TOC	mg/L	6.4	APHA (23 rd Edition) 5310 B
8	COD	mg/L	65	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	3890	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	416	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.35	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	16268	APHA(23 rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3610	APHA(23 rd Edition) 4110 B
14	Nitrate	mg/L	1.40	APHA(23 rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23 rd Edition) 3111 B
24	Iron as Fe	mg/L	0.39	APHA (23 rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition) 3111 B

Continue...

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0064A Issue Date : 27/05/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
---	---

Sampling Location : **EB 3 Down stream (Borewell)**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.02	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	412	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	686	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	12076	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	236	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.0	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L, Total Suspended Solids: 2.0 mg/L, TOC: 0.1 mg/L, COD: 5.0 mg/L, Total Kjeldahl Nitrogen: 0.2 mg/L, Fluorides as F: 0.05 mg/L, BOD : 1.0 mg/L, Nitrate : 0.5 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0064A Issue Date : 27/05/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
---	---

Sampling Location : **EB 3 Down stream (Borewell)**

RESULT TABLE

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

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


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0065A Issue Date : 27/05/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
---	---

Sampling Location	: EB 4 Down stream (Borewell)
-------------------	--------------------------------------

Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 17/05/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 18/05/2023	Lab ID.	: BLD/2305/21
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 18/05/2023	Date of Completion of Test	: 27/05/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.35	IS 3025 (Part 11)
2	Colour	Co.pt	10	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	52.09	IS 3025 (Part - 14)
4	Turbidity	NTU	1.09	10APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	9.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	33864	IS 3025 (Part-16)
7	TOC	mg/L	5.6	APHA (23 rd Edition) 5310 B
8	COD	mg/L	58	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	3562	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	422	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	1.06	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	15995	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3450	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.1	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.51	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0065A Issue Date : 27/05/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
---	---

Sampling Location : **EB 4 Down stream (Borewell)**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.03	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	412	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	735	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	11400	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	240	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	5.2	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L, Total Suspended Solids: 2.0 mg/L, TOC: 0.1 mg/L, COD: 5.0 mg/L, Total Kjeldahl Nitrogen: 0.2 mg/L, Fluorides as F: 0.05 mg/L, BOD : 1.0 mg/L, Nitrate : 0.5 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0065A Issue Date : 27/05/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
--	---

Sampling Location : **EB 4 Down stream (Borewell)**

RESULT TABLE

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

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


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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

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

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

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

**TEST REPORT**

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Page: 1 of 3

Customer's Name and Address :

**M/s. BEIL INFRASTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH****Test Report No. : PL/BLD/23/0078
Issue Date : 05/07/2023
Customer's Ref. : W.O. No. 8523240099
Dated:03.05.2023****Sampling Location : EB 1 Up stream (Borewell)****Description of Sample : Ground Water sample Quantity/No. of Samples : 05 Lit./One
Date of Sampling : 24/06/2023 Sampling Procedure : IS:3025
Sampling by : Pollucon Laboratories Pvt. Ltd. Protocol (purpose) : QC/Env. Monitoring
Sample Receipt Date : 26/06/2023 Lab ID. : BLD/2306/05
Packing/ Seal : Sealed Test Parameters : As per table
Date of Starting of Test : 26/06/2023 Date of Completion of Test : 05/07/2023****RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.46	IS 3025 (Part 11)
2	Colour	Co-pt	15	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	55.78	IS 3025 (Part - 14)
4	Turbidity	NTU	1.42	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	13	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	36352	IS 3025 (Part-16)
7	TOC	mg/L	7.56	APHA (23 rd Edition) 5310 B
8	COD	mg/L	73	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	4322	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	540	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	1.87	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	17194	APHA (23 rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3748	APHA(23 rd Edition) 4110 B
14	Nitrate	mg/L	1.64	APHA(23 rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23 rd Edition) 3111 B
24	Iron as Fe	mg/L	0.81	APHA (23 rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition) 3111 B

Continue...

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

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



TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

**M/s. BEIL INFRASTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**

Test Report No. : **PL/BLD/23/0078**

Issue Date : **05/07/2023**

Customer's Ref. : **W.O. No. 8523240099
Dated:03.05.2023**

Sampling Location : **EB 1 Up stream (Borewell)**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.29	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	554	IS 3025 (Part - 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	704	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	13268	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	306	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.72	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L.

**attached pesticides list

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

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

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

- Recognition under E.P. Act 1986 MoEF/CPCB
- GPCB Approved Schedule II Auditor
- ISO 14001
- ISO 45001
- ISO 9001
- Food & Drug Control Administration [FDA]-Gujarat

**TEST REPORT**

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Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0078
	Issue Date :	05/07/2023
	Customer's Ref. :	W.O. No. 8523240099
		Dated:03.05.2023

Sampling Location : **EB 1 Up stream (Borewell)****RESULT TABLE**

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

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

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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

- Recognition under E.P. Act 1986 MoEF/CPCB
- GPCB Approved Schedule II Auditor
- ISO 14001
- ISO 45001
- ISO 9001
- Food & Drug Control Administration [FDA]-Gujarat

**TEST REPORT**

Customer's Name and Address :

QF/7.8/37-WT

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**M/s. BEIL INFRATSTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**

Test Report No. : **PL/BLD/23/0079**
Issue Date : **05/07/2023**
Customer's Ref. : **W.O. No. 8523240099**
Dated:03.05.2023

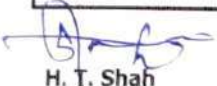
Sampling Location : **EB 2 Down Stream (Borewell)**

Description of Sample : **Ground Water sample** Quantity/No. of Samples : **05 Lit./One**
Date of Sampling : **24/06/2023** Sampling Procedure : **IS:3025**
Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **QC/Env. Monitoring**
Sample Receipt Date : **26/06/2023** Lab ID. : **BLD/2306/06**
Packing/ Seal : **Sealed** Test Parameters : **As per table**
Date of Starting of Test : **26/06/2023** Date of Completion of Test : **05/07/2023**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.28	
2	Colour	Co-pt	15	IS 3025 (Part 11)
3	Conductivity	mmhos/cm	49.94	IS 3025 (Part 4)
4	Turbidity	NTU	1.23	IS 3025 (Part - 14)
5	Total Suspended Solids	mg/L	12	APHA (23 rd Edition) 2130 B
6	Total Dissolved Solids	mg/L	32467	IS 3025 (Part - 17)
7	TOC	mg/L	7.3	IS 3025 (Part-16)
8	COD	mg/L	69	APHA (23 rd Edition) 5310 B
9	Total Hardness	mg/L	4062	APHA (23 rd Edition) 5220 B Open Reflux Method
10	Total Alkalinity	mg/L	492	IS 3025 (Part - 21) EDTA Method
11	Total Kjeldahl Nitrogen	mg/L	1.75	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	15120	IS 3025 (Part - 23)
13	Sulphates as SO ₄	mg/L	3136	APHA(23rd Edition) 4110 B Argentometric Method
14	Nitrate	mg/L	1.53	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.75	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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



TEST REPORT

Customer's Name and Address :

QF/7.8/37-WT

Page: 2 of 3

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0079 Issue Date : 05/07/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
--	--

Sampling Location : **EB 2 Down Stream (Borewell)**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.19	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	484	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	684	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	12164	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	270	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.3	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L.
**attached pesticides list

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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

- Recognition under E.P. Act 1986 MoEF/CPCB
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- ISO 45001
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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0079
	Issue Date :	05/07/2023
	Customer's Ref. :	W.O. No. 8523240099 Dated:03.05.2023

Sampling Location : **EB 2 Down Stream (Borewell)**

RESULT TABLE

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

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

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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

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- GPCB Approved Schedule II Auditor
- ISO 14001
- ISO 45001
- ISO 9001
- Food & Drug Control Administration [FDA]-Gujarat

**TEST REPORT**

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISTT: BHARUCH	Test Report No. :	PL/BLD/23/0082
	Issue Date :	05/07/2023
	Customer's Ref. :	W.O. No. 8523240099 Dated:03.05.2023

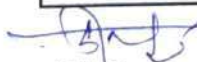
Sampling Location :	EB 3 Down stream (Borewell)
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Description of Sample :	Ground Water sample	Quantity/No. of Samples :	05 Lit./One
Date of Sampling :	24/06/2023	Sampling Procedure :	IS:3025
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) :	QC/Env. Monitoring
Sample Receipt Date :	26/06/2023	Lab ID. :	BLD/2306/09
Packing/ Seal :	Sealed	Test Parameters :	As per table
Date of Starting of Test :	26/06/2023	Date of Completion of Test :	05/07/2023

RESULT TABLE

Sr. No.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.3	IS 3025 (Part 11)
2	Colour	Co.pt	10	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	52.73	IS 3025 (Part - 14)
4	Turbidity	NTU	1.25	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	12	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	34275	IS 3025 (Part-16)
7	TOC	mg/L	6.9	APHA (23 rd Edition) 5310 B
8	COD	mg/L	71	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	3972	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	452	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	1.76	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	16569	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3428	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.43	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.562	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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- ISO 14001
- ISO 45001
- ISO 9001
- Food & Drug Control Administration [FDA]-Gujarat

"Pollucon House", Plot No. 5 & 6, Opp. Balaji Industrial Society, Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.

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



TEST REPORT

Customer's Name and Address :

QF/7.8/37-WT

Page: 2 of 3

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0082 Issue Date : 05/07/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
--	--

Sampling Location : **EB 3 Down stream (Borewell)**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.19	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	466	IS 3025 (Part - 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	673	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	12364	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	268	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.0	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L, Total Suspended Solids: 2.0 mg/L, TOC: 0.1 mg/L, COD: 5.0 mg/L, Total Kjeldahl Nitrogen: 0.2 mg/L, Fluorides as F: 0.05 mg/L, BOD : 1.0 mg/L, Nitrate : 0.5 mg/L.
**attached pesticides list

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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

**TEST REPORT**

QF/7.8/37-WT

Customer's Name and Address :


Page: 3 of 3

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0082 Issue Date : 05/07/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
--	--

Sampling Location : **EB 3 Down stream (Borewell)****RESULT TABLE**

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

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


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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**TEST REPORT**

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0083 Issue Date : 05/07/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
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Sampling Location	: EB 4 Down stream (Borewell)
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 24/06/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 26/06/2023	Lab ID.	: BLD/2306/10
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 26/06/2023	Date of Completion of Test	: 05/07/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.28	IS 3025 (Part 11)
2	Colour	Co.pt	10	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	49.64	IS 3025 (Part - 14)
4	Turbidity	NTU	1.53	10APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	13	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	32270	IS 3025 (Part-16)
7	TOC	mg/L	6.7	APHA (23 rd Edition) 5310 B
8	COD	mg/L	68	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	4024	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	456	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	1.63	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	14820	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3271	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.39	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.62	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0083
	Issue Date : 05/07/2023
	Customer's Ref. : W.O. No. 8523240099
	Dated:03.05.2023

Sampling Location : **EB 4 Down stream (Borewell)****RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.23	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	416	IS 3025 (Part - 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	716	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	12168	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	275	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	5.7	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L, Total Suspended Solids: 2.0 mg/L, TOC: 0.1 mg/L, COD: 5.0 mg/L, Total Kjeldahl Nitrogen: 0.2 mg/L, Fluorides as F: 0.05 mg/L, BOD : 1.0 mg/L, Nitrate : 0.5 mg/L.

**attached pesticides list

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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"Pollucon House", Plot No. 5 & 6, Opp. Balaji Industrial Society, Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.

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

**TEST REPORT**

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

**M/s. BEIL INFRASTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**

Test Report No. : **PL/BLD/23/0083**
Issue Date : **05/07/2023**
Customer's Ref. : **W.O. No. 8523240099**
Dated:**03.05.2023**

Sampling Location : **EB 4 Down stream (Borewell)****RESULT TABLE**

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

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

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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

**TEST REPORT**

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

**M/s. BEIL INFRASTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**

Test Report No. : **PL/BLD/23/0081**
Issue Date : **05/07/2023**
Customer's Ref. : **W.O. No. 8523240099**
Dated:03.05.2023


Sampling Location : **Inside Mandir**

Description of Sample : **Ground Water sample** Quantity/No. of Samples : **05 Lit./One**
Date of Sampling : **24/06/2023** Sampling Procedure : **IS:3025**
Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **QC/Env. Monitoring**
Sample Receipt Date : **26/06/2023** Lab ID. : **BLD/2306/08**
Packing/ Seal : **Sealed** Test Parameters : **As per table**
Date of Starting of Test : **26/06/2023** Date of Completion of Test : **05/07/2023**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.49	IS 3025 (Part 11)
2	Colour	Hazen	3.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.45	IS 3025 (Part - 14)
4	Turbidity	NTU	0.36	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	287	IS 3025 (Part-16)
7	TOC	mg/L	Not Detected	APHA (23 rd Edition) 5310 B
8	COD	mg/L	Not Detected	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	118	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	103	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	Not Detected	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	98	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	14.23	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	Not Detected	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.061	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

**M/s. BEIL INFRASTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**

Test Report No. : **PL/BLD/23/0081**

Issue Date : **05/07/2023**

Customer's Ref. : **W.O. No. 8523240099
Dated:03.05.2023**

Sampling Location : **Inside Mandir**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	Not Detected	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	26	IS 3025 (Part - 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	12.72	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	19.64	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	2.76	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	Not Detected	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L, Total Suspended Solids: 2.0 mg/L, TOC: 0.1 mg/L, COD: 5.0 mg/L, Total Kjeldahl Nitrogen: 0.2 mg/L, Fluorides as F: 0.05 mg/L, BOD : 1.0 mg/L, Nitrate : 0.5 mg/L.

**attached pesticides list

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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

- Recognition under E.P. Act 1986 MoEF/CPCB
- GPCB Approved Schedule II Auditor
- ISO 14001
- ISO 45001
- ISO 9001
- Food & Drug Control Administration [FDA]-Gujarat

"Pollucon House", Plot No. 5 & 6, Opp. Balaji Industrial Society, Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.

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



TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

**M/s. BEIL INFRATSTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**

Test Report No. : **PL/BLD/23/0081**
Issue Date : **05/07/2023**
Customer's Ref. : **W.O. No. 8523240099**
Dated:03.05.2023

Sampling Location : **Inside Mandir**

RESULT TABLE

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

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

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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

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**TEST REPORT**

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

**M/s. BEIL INFRATSTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH****Test Report No. : PL/BLD/23/0084
Issue Date : 05/07/2023
Customer's Ref. : W.O. No. 8523240099
Dated:03.05.2023****Sampling Location : Nr. Gram Panchayat****Description of Sample : Ground Water sample Quantity/No. of Samples : 05 Lit./One
Date of Sampling : 24/06/2023 Sampling Procedure : IS:3025
Sampling by : Pollucon Laboratories Pvt. Ltd. Protocol (purpose) : QC/Env. Monitoring
Sample Receipt Date : 26/06/2023 Lab ID. : BLD/2306/11
Packing/ Seal : Sealed Test Parameters : As per table
Date of Starting of Test : 26/06/2023 Date of Completion of Test : 05/07/2023****RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.69	IS 3025 (Part 11)
2	Colour	Hazen	4.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.43	IS 3025 (Part - 14)
4	Turbidity	NTU	0.27	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	274	IS 3025 (Part-16)
7	TOC	mg/L	Not Detected	APHA (23 rd Edition) 5310 B
8	COD	mg/L	Not Detected	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	110	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	105	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	Not Detected	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	103	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	10.87	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	Not Detected	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.073	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...

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

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TEST REPORT

Customer's Name and Address :

QF/7.8/37-WT

Page: 2 of 3

**M/s. BEIL INFRATSTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**

Test Report No. : **PL/BLD/23/0084**
Issue Date : **05/07/2023**
Customer's Ref. : **W.O. No. 8523240099**
Dated:03.05.2023

Sampling Location : **Nr. Gram Panchayat**

RESULT TABLE

S.R. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	Not Detected	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	24.8	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	11.52	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	11.68	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	Not Detected	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	Not Detected	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L, Total Suspended Solids: 2.0 mg/L, TOC: 0.1 mg/L, COD: 5.0 mg/L, Total Kjeldahl Nitrogen: 0.2 mg/L, Fluorides as F: 0.05 mg/L, BOD : 1.0 mg/L, Nitrate : 0.5 mg/L.
**attached pesticides list

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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

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- GPCB Approved Schedule II Auditor
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**TEST REPORT**

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0084
	Issue Date :	05/07/2023
	Customer's Ref. :	W.O. No. 8523240099
		Dated:03.05.2023

Sampling Location	: Nr. Gram Panchayat
-------------------	-----------------------------

RESULT TABLE

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

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

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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

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- GPCB Approved Schedule II Auditor
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**TEST REPORT**

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

**M/s. BEIL INFRATSTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**

Test Report No. : **PL/BLD/23/0080**
Issue Date : **05/07/2023**
Customer's Ref. : **W.O. No. 8523240099**
Dated:03.05.2023

Sampling Location : **Nr. Bus Station**

Description of Sample : **Ground Water sample** Quantity/No. of Samples : **05 Lit./One**
Date of Sampling : **24/06/2023** Sampling Procedure : **IS:3025**
Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **QC/Env. Monitoring**
Sample Receipt Date : **26/06/2023** Lab ID. : **BLD/2306/07**
Packing/ Seal : **Sealed** Test Parameters : **As per table**
Date of Starting of Test : **26/06/2023** Date of Completion of Test : **05/07/2023**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.64	IS 3025 (Part 11)
2	Colour	Hazen	4.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.47	IS 3025 (Part - 14)
4	Turbidity	NTU	0.21	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	316	IS 3025 (Part-16)
7	TOC	mg/L	Not Detected	APHA (23 rd Edition) 5310 B
8	COD	mg/L	Not Detected	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	114	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	124	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	Not Detected	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	103	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	15.83	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	Not Detected	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.075	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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- Food & Drug Control Administration [FDA]-Gujarat

"Pollucon House", Plot No. 5 & 6, Opp. Balaji Industrial Society, Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.

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



TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0080
	Issue Date : 05/07/2023
	Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023

Sampling Location : Nr. Bus Station
--

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	Not Detected	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	24.4	IS 3025 (Part - 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	12.72	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	29.17	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	2.86	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	Not Detected	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L, Total Suspended Solids: 2.0 mg/L, TOC: 0.1 mg/L, COD: 5.0 mg/L, Total Kjeldahl Nitrogen: 0.2 mg/L, Fluorides as F: 0.05 mg/L, BOD : 1.0 mg/L, Nitrate : 0.5 mg/L.
**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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- GPCB Approved Schedule II Auditor
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**TEST REPORT**

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

**M/s. BEIL INFRASTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**

Test Report No. : **PL/BLD/23/0080**
Issue Date : **05/07/2023**
Customer's Ref. : **W.O. No. 8523240099**
Dated:**03.05.2023**

Sampling Location : **Nr. Bus Station****RESULT TABLE**

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

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

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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

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- GPCB Approved Schedule II Auditor
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- ISO 9001
- Food & Drug Control Administration (FDA)-Gujarat

**TEST REPORT**

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 2

**M/s. BEIL INFRASTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**

Test Report No. : **PL/BLD/23/0085**
Issue Date : **05/07/2023**
Customer's Ref. : **W.O. No. 8523240099**
Dated:03.05.2023

Description of Sample : **ETP Outlet (T-111 B)** Quantity/No. of Samples : **05 Lit./One**
Date of Sampling : **24/06/2023** Sampling Procedure : **IS:3025**
Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **QC/Env. Monitoring**
Sample Receipt Date : **26/06/2023** Lab ID. : **BLD/2306/12**
Packing/ Seal : **Sealed** Test Parameters : **As per table**
Date of Starting of Test : **26/06/2023** Date of Completion of Test : **05/07/2023**

RESULT TABLE

SR.NO.	TEST PARAMETERS	UNIT	RESULT	LIMIT [#]	TEST METHOD
1	pH	--	7.67	6.5 -8.5	IS 3025 (Part-11) Electrometric Method
2	Temperature	°C	31.4	40	IS 3025 (Part-9)
3	Colour	Co-pt	20	100	IS 3025 (Part-4)
4	Total Suspended Solids	mg/L	9.0	100	IS 3025 (Part - 17)
5	Oil & Grease	mg/L	Not Detected	10	APHA (23 rd Edition) 5520 B
6	Ammonical Nitrogen	mg/L	14.73	50	IS 3025 (Part-34) Nesslerization Method
7	BOD	mg/L	Not Detected	30	IS 3025 (Part-44)
8	COD	mg/L	9.2	100	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Chlorides as Cl	mg/L	263	600	IS 3025 (Part-32) Argentometric Method
10	Sulphates as SO ₄	mg/L	35.74	1000	IS 3025 (Part-24) Turbidimetric method
11	Total Dissolved Solids	mg/L	896	2100	IS 3025 (Part-16)
12	Sodium	%	44.73	60	SOP/CHM/W/21
13	Phenolic Compound	mg/L	Not Detected	1	IS 3025 (Part-43) Aminoantipyrine Method
14	Cyanides as CN	mg/L	Not Detected	0.2	APHA (23 rd Edition) 4500 CN D Tritometric method
15	Fluorides as F	mg/L	Not Detected	2	APHA (23 rd Edition) 4500 F D SPANDS Method
16	Arsenic as As	mg/L	Not Detected	0.2	APHA (23 rd Edition) 3114 B
17	Total Chromium	mg/L	Not Detected	2	APHA (23 rd Edition) 3111 B
18	Hexavalent Chromium	mg/L	Not Detected	0.1	APHA (23 rd Edition) 3500 Cr B Colorimetric method
19	Copper as Cu	mg/L	Not Detected	3	APHA (23 rd Edition) 3111 B
20	Lead as Pb	mg/L	Not Detected	0.1	APHA (23 rd Edition) 3111 B Dithizone method
21	Mercury as Hg	mg/L	Not Detected	0.01	APHA (23 rd Edition) 3112 B
22	Nickel as Ni	mg/L	Not Detected	3	APHA (23 rd Edition) 3111 B
23	Zinc as Zn	mg/L	Not Detected	5	APHA (23 rd Edition) 3111 B
24	SAR	--	2.97	26	IS 11624
25	Pesticides**	µg/L	Not Detected	Absent	USEPA 508 / USEPA 525.2/ USEPA 532

NS*: Not Specified, @Limit as per GPCB Consent Order No.AWH -109249 Issue Date: 14/09/2020 Up to 17/04/2025.

Detection Limit: Oil & Grease:2.0 mg/L, Phenolic Compound:0.01 mg/L, Cyanides as CN:0.01 mg/L, Fluorides as F:0.01 mg/L, Arsenic as As:0.001 mg/L, Total Chromium:0.0mg/L, HexavalentChromium:0.05 mg/L, Copper as Cu:0.02 mg/L, Lead as Pb :0.02 mg/L, Mercury as Hg:0.0006 mg/L, Nickel as Ni:0.02 mg/L,Zinc:0.05 mg/L, BOD: 1.0 mg/L.

**attached pesticides list

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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

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"Pollucon House", Plot No. 5 & 6, Opp.Balaji Industrial Society, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

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

**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 2

Customer's Name and Address :

**M/s. BEIL INFRASTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**

Test Report No. : **PL/BLD/23/0085**Issue Date : **05/07/2023**Customer's Ref. : **W.O. No. 8523240099
Dated:03.05.2023****RESULT TABLE**

SR. NO.	Pesticides/Insecticides	UNIT	RESULT	LIMIT [#]	TEST METHOD
25.1	Aldrin	µg/l	Not Detected	Absent	USEPA 508
25.2	Dicofol	µg/l	Not Detected	Absent	USEPA 508
25.3	Dieldrin	µg/l	Not Detected	Absent	USEPA 508
25.4	Alpha Endosulfan	µg/l	Not Detected	Absent	USEPA 508
25.5	Beta Endosulfan	µg/l	Not Detected	Absent	USEPA 508
25.6	Sulphate Endosulfan	µg/l	Not Detected	Absent	USEPA 508
25.7	Heptachlor	µg/l	Not Detected	Absent	USEPA 525.2
25.8	Hexachlorobenzene (HCB)	µg/l	Not Detected	Absent	USEPA 508
25.9	Methoxy Chlor	µg/l	Not Detected	Absent	USEPA 508
25.10	Alpha-HCH	µg/l	Not Detected	Absent	USEPA 508
25.11	Beta-HCH	µg/l	Not Detected	Absent	USEPA 508
25.12	Gamma-HCH	µg/l	Not Detected	Absent	USEPA 508
25.13	2,4 DDT	µg/l	Not Detected	Absent	USEPA 508
25.14	2,4 DDD	µg/l	Not Detected	Absent	USEPA 508
25.15	2,4 DDE	µg/l	Not Detected	Absent	USEPA 508
25.16	4,4 DDT	µg/l	Not Detected	Absent	USEPA 508
25.17	4,4 DDE	µg/l	Not Detected	Absent	USEPA 508
25.18	4,4 DDD	µg/l	Not Detected	Absent	USEPA 508
25.19	Delta HCH	µg/l	Not Detected	Absent	USEPA 508
Organo Phosphorous Pesticides(OPPs)					
25.20	Chlorpyrifos	µg/l	Not Detected	Absent	USEPA 525.2
25.21	Ethion	µg/l	Not Detected	Absent	USEPA 525.2
25.22	Malathion	µg/l	Not Detected	Absent	USEPA 525.2
25.23	Monocrotophos	µg/l	Not Detected	Absent	USEPA 525.2
25.24	Phorate	µg/l	Not Detected	Absent	USEPA 525.2
25.25	Methyl Parathion	µg/l	Not Detected	Absent	USEPA 525.2
25.26	Quinaphos	µg/l	Not Detected	Absent	USEPA 525.2
Synthetic Pyrethroids (SPs)					
25.27	Deltamethrin	µg/l	Not Detected	Absent	USEPA 525.2
25.28	Fenpropethrin	µg/l	Not Detected	Absent	USEPA 525.2
25.29	Alpha-Cypermethrin	µg/l	Not Detected	Absent	USEPA 525.2
25.30	Cyhalothrin	µg/l	Not Detected	Absent	USEPA 525.2
Herbicides					
25.31	Alachlor	µg/l	Not Detected	Absent	USEPA 525.2
25.32	Butachlor	µg/l	Not Detected	Absent	USEPA 525.2
25.33	Fluchloralin	µg/l	Not Detected	Absent	USEPA 525.2
25.34	Pendimethalin	µg/l	Not Detected	Absent	USEPA 525.2

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

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

**M/s. BEIL INFRASTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**

Test Report No. : **PL/BLD/23/0091**
Issue Date : **28/07/2023**
Customer's Ref. : **W.O. No. 8523240099**
Dated:03.05.2023

Sampling Location : **EB 1 Up stream (Borewell)**

Description of Sample : **Ground Water sample** Quantity/No. of Samples : **05 Lit./One**
Date of Sampling : **19/07/2023** Sampling Procedure : **IS:3025**
Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **QC/Env. Monitoring**
Sample Receipt Date : **20/07/2023** Lab ID. : **BLD/2307/04**
Packing/ Seal : **Sealed** Test Parameters : **As per table**
Date of Starting of Test : **20/07/2023** Date of Completion of Test : **28/07/2023**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.62	IS 3025 (Part 11)
2	Colour	Co-pt	15	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	56.41	IS 3025 (Part – 14)
4	Turbidity	NTU	1.57	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	15	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	36652	IS 3025 (Part-16)
7	TOC	mg/L	7.10	APHA (23 rd Edition) 5310 B
8	COD	mg/L	68	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	4210	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	518	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.62	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	16550	APHA (23 rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3362	APHA(23 rd Edition) 4110 B
14	Nitrate	mg/L	1.4	APHA(23 rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23 rd Edition) 3111 B
24	Iron as Fe	mg/L	0.56	APHA (23 rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition) 3111 B

Continue...

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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

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

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

M/s. BEIL INFRASTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH

Test Report No. : **PL/BLD/23/0091**
Issue Date : **28/07/2023**
Customer's Ref. : **W.O. No. 8523240099**
Dated:03.05.2023

Sampling Location : **EB 1 Up stream (Borewell)**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.20	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	456	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	737	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	12816	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	270	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.80	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

**M/s. BEIL INFRATSTRUCTURE LTD,
 PLOT NO.D-43, GIDC, DAHEJ,
 DAHEJ-392130, TAL :- VAGRA,
 DISIT: BHARUCH**

 Test Report No. : **PL/BLD/23/0091**
 Issue Date : **28/07/2023**
 Customer's Ref. : **W.O. No. 8523240099**
Dated:03.05.2023

 Sampling Location : **EB 1 Up stream (Borewell)**

RESULT TABLE

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

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



H. T. Shah
 Lab. Manager



Dr. Arun Bajpai
 Lab Manager(Q)

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

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

**M/s. BEIL INFRASTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**

Test Report No. : **PL/BLD/23/0092**
Issue Date : **28/07/2023**
Customer's Ref. : **W.O. No. 8523240099**
Dated:**03.05.2023**

Sampling Location : **EB 2 Down Stream (Borewell)**

Description of Sample : **Ground Water sample** Quantity/No. of Samples : **05 Lit./One**
Date of Sampling : **19/07/2023** Sampling Procedure : **IS:3025**
Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **QC/Env. Monitoring**
Sample Receipt Date : **20/07/2023** Lab ID. : **BLD/2307/05**
Packing/ Seal : **Sealed** Test Parameters : **As per table**
Date of Starting of Test : **20/07/2023** Date of Completion of Test : **28/07/2023**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.51	IS 3025 (Part 11)
2	Colour	Co-pt	14	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	48.94	IS 3025 (Part – 14)
4	Turbidity	NTU	1.36	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	11	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	31804	IS 3025 (Part-16)
7	TOC	mg/L	6.58	APHA (23 rd Edition) 5310 B
8	COD	mg/L	64	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	3874	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	455	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.26	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	14819	APHA(23 rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	2918	APHA(23 rd Edition) 4110 B
14	Nitrate	mg/L	1.25	APHA(23 rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23 rd Edition) 3111 B
24	Iron as Fe	mg/L	0.46	APHA (23 rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition) 3111 B

Continue...

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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

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- ISO 14001 : 2004
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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

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



TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

M/s. BEIL INFRATSTRCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0092
	Issue Date :	28/07/2023
	Customer's Ref. :	W.O. No. 8523240099 Dated:03.05.2023

Sampling Location :	EB 2 Down Stream (Borewell)
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.1	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	404	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	686	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	11999	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	256	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	5.6	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

**M/s. BEIL INFRASTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**

Test Report No. : **PL/BLD/23/0092**
Issue Date : **28/07/2023**
Customer's Ref. : **W.O. No. 8523240099**
Dated:03.05.2023

Sampling Location : **EB 2 Down Stream (Borewell)**

RESULT TABLE

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

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


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0093 Issue Date : 28/07/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
--	--

Sampling Location	: EB 3 Down stream (Borewell)
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 19/07/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 20/07/2023	Lab ID.	: BLD/2307/06
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 20/07/2023	Date of Completion of Test	: 28/07/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.46	IS 3025 (Part 11)
2	Colour	Co.pt	10	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	51.13	IS 3025 (Part – 14)
4	Turbidity	NTU	1.4	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	15	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	33228	IS 3025 (Part-16)
7	TOC	mg/L	6.34	APHA (23 rd Edition) 5310 B
8	COD	mg/L	61	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	3764	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	408	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.45	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	15799	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3264	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.15	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.48	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

M/s. BEIL INFRATSTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH

Test Report No. : PL/BLD/23/0093
Issue Date : 28/07/2023
Customer's Ref. : W.O. No. 8523240099
Dated:03.05.2023

Sampling Location : EB 3 Down stream (Borewell)

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.1	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	421	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	650	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	11950	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	240	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	5.8	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L,Cadmium as Cd : 0.002 mg/L,Copper as Cu : 0.02 mg/L,Total Chromium : 0.025 mg/L,Mercury as Hg: 0.0006 mg/L,Arsenic as As: 0.005 mg/L, Nickel as Ni:0.01 mg/L, Manganese as Mn:0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L,Total Suspended Solids:2.0 mg/L,TOC:0.1 mg/L,COD:5.0 mg/L,Total Kjeldahl Nitrogen:0.2 mg/L,Fluorides as F:0.05 mg/L,BOD :1.0 mg/L,Nitrate :0.5 mg/L.

**attached pesticides list

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0093 Issue Date : 28/07/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
---	--

Sampling Location	: EB 3 Down stream (Borewell)
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RESULT TABLE

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

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


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0094
	Issue Date :	28/07/2023
	Customer's Ref. :	W.O. No. 8523240099 Dated:03.05.2023

Sampling Location :	EB 4 Down stream (Borewell)
---------------------	------------------------------------

Description of Sample :	Ground Water sample	Quantity/No. of Samples :	05 Lit./One
Date of Sampling :	19/07/2023	Sampling Procedure :	IS:3025
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) :	QC/Env. Monitoring
Sample Receipt Date :	20/07/2023	Lab ID. :	BLD/2307/07
Packing/ Seal :	Sealed	Test Parameters :	As per table
Date of Starting of Test :	20/07/2023	Date of Completion of Test :	28/07/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.38	IS 3025 (Part 11)
2	Colour	Co.pt	10	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	48.39	IS 3025 (Part - 14)
4	Turbidity	NTU	1.68	10APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	13.2	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	31446	IS 3025 (Part-16)
7	TOC	mg/L	6.6	APHA (23 rd Edition) 5310 B
8	COD	mg/L	65	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	3822	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	405	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	1.54	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	14199	APHA(23 rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3106	APHA(23 rd Edition) 4110 B
14	Nitrate	mg/L	1.62	APHA(23 rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23 rd Edition) 3111 B
24	Iron as Fe	mg/L	0.43	APHA (23 rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition) 3111 B

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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

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- GPCB apprved schedule II auditor
- ISO 14001 : 2004
- OHSAS 18001 : 2007
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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

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



TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

M/s. BEIL INFRATSTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH

Test Report No. : PL/BLD/23/0094
Issue Date : 28/07/2023
Customer's Ref. : W.O. No. 8523240099
Dated:03.05.2023

Sampling Location : EB 4 Down stream (Borewell)

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.1	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	388	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	684	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	11852	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	255	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.0	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L,Cadmium as Cd : 0.002 mg/L,Copper as Cu : 0.02 mg/L,Total Chromium : 0.025 mg/L,Mercury as Hg: 0.0006 mg/L,Arsenic as As: 0.005 mg/L, Nickel as Ni:0.01 mg/L, Manganese as Mn:0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L,Total Suspended Solids:2.0 mg/L,TOC:0.1 mg/L,COD:5.0 mg/L,Total Kjeldahl Nitrogen:0.2 mg/L,Fluorides as F:0.05 mg/L,BOD :1.0 mg/L,Nitrate :0.5 mg/L.

**attached pesticides list

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0094 Issue Date : 28/07/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
---	--

Sampling Location : **EB 4 Down stream (Borewell)**

RESULT TABLE

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

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


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0095 Issue Date : 28/07/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
--	--

Sampling Location	: Nr. Bus Station
-------------------	--------------------------

Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 21/07/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 22/07/2023	Lab ID.	: BLD/2307/08
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 22/07/2023	Date of Completion of Test	: 28/07/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.58	IS 3025 (Part 11)
2	Colour	Hazen	4.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.54	IS 3025 (Part – 14)
4	Turbidity	NTU	0.18	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	334	IS 3025 (Part-16)
7	TOC	mg/L	Not Detected	APHA (23 rd Edition) 5310 B
8	COD	mg/L	Not Detected	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	109	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	112	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	Not Detected	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	131	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	18.4	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	Not Detected	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.094	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

**M/s. BEIL INFRATSTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**

Test Report No. : **PL/BLD/23/0095**

Issue Date : **28/07/2023**

Customer's Ref. : **W.O. No. 8523240099
Dated:03.05.2023**

Sampling Location : **Nr. Bus Station**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	Not Detected	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	22.4	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	12.72	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	19	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	3.25	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	Not Detected	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L,Cadmium as Cd : 0.002 mg/L,Copper as Cu : 0.02 mg/L,Total Chromium : 0.025 mg/L,Mercury as Hg: 0.0006 mg/L,Arsenic as As: 0.005 mg/L, Nickel as Ni:0.01 mg/L, Manganese as Mn:0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L,Total Suspended Solids:2.0 mg/L,TOC:0.1 mg/L,COD:5.0 mg/L,Total Kjeldahl Nitrogen:0.2 mg/L,Fluorides as F:0.05 mg/L,BOD :1.0 mg/L,Nitrate :0.5 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

**M/s. BEIL INFRATSTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**

Test Report No. : **PL/BLD/23/0095**
Issue Date : **28/07/2023**
Customer's Ref. : **W.O. No. 8523240099**
Dated:03.05.2023

Sampling Location : **Nr. Bus Station**

RESULT TABLE

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

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


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

M/s. BEIL INFRASTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH

Test Report No. : PL/BLD/23/0096
Issue Date : 28/07/2023
Customer's Ref. : W.O. No. 8523240099
Dated:03.05.2023

Sampling Location : Inside Mandir

Description of Sample : Ground Water sample Quantity/No. of Samples : 05 Lit./One
Date of Sampling : 21/07/2023 Sampling Procedure : IS:3025
Sampling by : Pollucon Laboratories Pvt. Ltd. Protocol (purpose) : QC/Env. Monitoring
Sample Receipt Date : 22/07/2023 Lab ID. : BLD/2307/09
Packing/ Seal : Sealed Test Parameters : As per table
Date of Starting of Test : 22/07/2023 Date of Completion of Test : 28/07/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.25	IS 3025 (Part 11)
2	Colour	Hazen	4.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.42	IS 3025 (Part - 14)
4	Turbidity	NTU	0.4	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	268	IS 3025 (Part-16)
7	TOC	mg/L	Not Detected	APHA (23 rd Edition) 5310 B
8	COD	mg/L	Not Detected	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	109	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	90	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	Not Detected	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	97.96	APHA(23 rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	12.6	APHA(23 rd Edition) 4110 B
14	Nitrate	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23 rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23 rd Edition) 3111 B
24	Iron as Fe	mg/L	0.076	APHA (23 rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition) 3111 B

Continue...

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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

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

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

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



TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

M/s. BEIL INFRATSTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH

Test Report No. : PL/BLD/23/0096

Issue Date : 28/07/2023

Customer's Ref. : W.O. No. 8523240099
Dated:03.05.2023

Sampling Location : Inside Mandir

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	Not Detected	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	20	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	14.16	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	21	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	3.0	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	Not Detected	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L,Cadmium as Cd : 0.002 mg/L,Copper as Cu : 0.02 mg/L,Total Chromium : 0.025 mg/L,Mercury as Hg: 0.0006 mg/L,Arsenic as As: 0.005 mg/L, Nickel as Ni:0.01 mg/L, Manganese as Mn:0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L,Total Suspended Solids:2.0 mg/L,TOC:0.1 mg/L,COD:5.0 mg/L,Total Kjeldahl Nitrogen:0.2 mg/L,Fluorides as F:0.05 mg/L,BOD :1.0 mg/L,Nitrate :0.5 mg/L.

**attached pesticides list

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

**M/s. BEIL INFRATSTRUCTURE LTD,
 PLOT NO.D-43, GIDC, DAHEJ,
 DAHEJ-392130, TAL :- VAGRA,
 DISIT: BHARUCH**

 Test Report No. : **PL/BLD/23/0096**
 Issue Date : **28/07/2023**
 Customer's Ref. : **W.O. No. 8523240099**
Dated:03.05.2023

 Sampling Location : **Inside Mandir**

RESULT TABLE

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

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



H. T. Shah
 Lab. Manager



Dr. Arun Bajpai
 Lab Manager(Q)

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

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



TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0097
	Issue Date :	28/07/2023
	Customer's Ref. :	W.O. No. 8523240099 Dated:03.05.2023

Sampling Location :	Nr. Gram Panchayat
---------------------	---------------------------

Description of Sample :	Ground Water sample	Quantity/No. of Samples :	05 Lit./One
Date of Sampling :	21/07/2023	Sampling Procedure :	IS:3025
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) :	QC/Env. Monitoring
Sample Receipt Date :	22/07/2023	Lab ID. :	BLD/2307/10
Packing/ Seal :	Sealed	Test Parameters :	As per table
Date of Starting of Test :	22/07/2023	Date of Completion of Test :	28/07/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.51	IS 3025 (Part 11)
2	Colour	Hazen	5.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.42	IS 3025 (Part – 14)
4	Turbidity	NTU	0.29	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	264	IS 3025 (Part-16)
7	TOC	mg/L	Not Detected	APHA (23 rd Edition) 5310 B
8	COD	mg/L	Not Detected	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	101	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	99	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	Not Detected	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	105	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	10.26	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	Not Detected	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.084	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

**M/s. BEIL INFRATSTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**

Test Report No. : **PL/BLD/23/0097**
Issue Date : **28/07/2023**
Customer's Ref. : **W.O. No. 8523240099**
Dated:03.05.2023

Sampling Location : **Nr. Gram Panchayat**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	Not Detected	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	20.4	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	12.0	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	10.5	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	Not Detected	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	Not Detected	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L, Total Suspended Solids: 2.0 mg/L, TOC: 0.1 mg/L, COD: 5.0 mg/L, Total Kjeldahl Nitrogen: 0.2 mg/L, Fluorides as F: 0.05 mg/L, BOD : 1.0 mg/L, Nitrate : 0.5 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0097 Issue Date : 28/07/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
---	--

Sampling Location : **Nr. Gram Panchayat**

RESULT TABLE

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

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


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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



TEST REPORT

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0106
	Issue Date : 28/08/2023
	Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023

Sampling Location : EB 1 Up stream (Borewell)
--

Description of Sample : Ground Water sample	Quantity/No. of Samples : 05 Lit./One
Date of Sampling : 18/08/2023	Sampling Procedure : IS:3025
Sampling by : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : QC/Env. Monitoring
Sample Receipt Date : 19/08/2023	Lab ID. : BLD/2308/04
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 19/08/2023	Date of Completion of Test : 28/08/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.53	IS 3025 (Part 11)
2	Colour	Co-pt	15	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	55.49	IS 3025 (Part – 14)
4	Turbidity	NTU	1.32	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	13.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	36074	IS 3025 (Part-16)
7	TOC	mg/L	7.46	APHA (23 rd Edition) 5310 B
8	COD	mg/L	68.63	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	4180	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	522	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.34	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	17294	APHA (23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3486	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.87	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.76	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

**M/s. BEIL INFRASTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**

Test Report No. : **PL/BLD/23/0106**
Issue Date : **28/08/2023**
Customer's Ref. : **W.O. No. 8523240099**
Dated:03.05.2023

Sampling Location : **EB 1 Up stream (Borewell)**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.18	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	512	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	696	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	13162	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	292	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.60	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0106
	Issue Date :	28/08/2023
	Customer's Ref. :	W.O. No. 8523240099 Dated:03.05.2023

Sampling Location : **EB 1 Up stream (Borewell)**

RESULT TABLE

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

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


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0107
	Issue Date : 28/08/2023
	Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023

Sampling Location : **EB 2 Down Stream (Borewell)**

Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 18/08/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 19/08/2023	Lab ID.	: BLD/2308/05
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 19/08/2023	Date of Completion of Test	: 28/08/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.32	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	49.37	IS 3025 (Part – 14)
4	Turbidity	NTU	1.28	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	11.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	32098	IS 3025 (Part-16)
7	TOC	mg/L	6.81	APHA (23 rd Edition) 5310 B
8	COD	mg/L	63.73	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	4060	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	486	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.18	IS : 3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	15045	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3027	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.65	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.62	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

**M/s. BEIL INFRATSTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**

Test Report No. : **PL/BLD/23/0107**
Issue Date : **28/08/2023**
Customer's Ref. : **W.O. No. 8523240099**
Dated:03.05.2023

Sampling Location : **EB 2 Down Stream (Borewell)**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.14	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	496	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	676	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	12024	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	265	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	5.80	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides **	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0107
	Issue Date :	28/08/2023
	Customer's Ref. :	W.O. No. 8523240099 Dated:03.05.2023

Sampling Location : **EB 2 Down Stream (Borewell)**

RESULT TABLE

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

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


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0108 Issue Date : 28/08/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
--	--

Sampling Location	: Nr. Bus Station
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 18/08/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 19/08/2023	Lab ID.	: BLD/2308/06
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 19/08/2023	Date of Completion of Test	: 28/08/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.81	IS 3025 (Part 11)
2	Colour	Hazen	3.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.452	IS 3025 (Part – 14)
4	Turbidity	NTU	0.27	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	286	IS 3025 (Part-16)
7	TOC	mg/L	Not Detected	APHA (23 rd Edition) 5310 B
8	COD	mg/L	Not Detected	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	96	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	110	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	Not Detected	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	93.97	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	13.58	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	Not Detected	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	Not Detected	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0108 Issue Date : 28/08/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
---	--

Sampling Location	: Nr. Bus Station
-------------------	--------------------------

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	Not Detected	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	22.4	IS 3025 (Part - 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	9.6	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	23.51	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	2.69	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	Not Detected	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L, Total Suspended Solids: 2.0 mg/L, TOC: 0.1 mg/L, COD: 5.0 mg/L, Total Kjeldahl Nitrogen: 0.2 mg/L, Fluorides as F: 0.05 mg/L, BOD : 1.0 mg/L, Nitrate : 0.5 mg/L, Iron as Fe : 0.05 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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- ISO 9001 : 2008

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

TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0108 Issue Date : 28/08/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
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Sampling Location	: Nr. Bus Station
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RESULT TABLE

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

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



H. T. Shah
Lab. Manager



Dr. Arun Bajpai
Lab Manager(Q)

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**TEST REPORT**

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0109 Issue Date : 28/08/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
--	--

Sampling Location	: Inside Mandir
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 18/08/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 19/08/2023	Lab ID.	: BLD/2308/07
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 19/08/2023	Date of Completion of Test	: 28/08/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.75	IS 3025 (Part 11)
2	Colour	Hazen	3.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.425	IS 3025 (Part – 14)
4	Turbidity	NTU	0.21	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	274	IS 3025 (Part-16)
7	TOC	mg/L	Not Detected	APHA (23 rd Edition) 5310 B
8	COD	mg/L	Not Detected	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	91	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	98	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	Not Detected	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	105	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	11.26	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	Not Detected	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	Not Detected	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

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

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH

Test Report No. : **PL/BLD/23/0109**
Issue Date : **28/08/2023**
Customer's Ref. : **W.O. No. 8523240099**
Dated:03.05.2023

Sampling Location : **Inside Mandir**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	Not Detected	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	22.8	IS 3025 (Part - 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	8.16	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	18.24	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	2.14	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	Not Detected	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L, Total Suspended Solids: 2.0 mg/L, TOC: 0.1 mg/L, COD: 5.0 mg/L, Total Kjeldahl Nitrogen: 0.2 mg/L, Fluorides as F: 0.05 mg/L, BOD : 1.0 mg/L, Nitrate : 0.5 mg/L Iron as Fe : 0.05 mg/L.

**attached pesticides list

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0109
	Issue Date :	28/08/2023
	Customer's Ref. :	W.O. No. 8523240099 Dated:03.05.2023

Sampling Location : **Inside Mandir**

RESULT TABLE

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

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


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0110
	Issue Date : 28/08/2023
	Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023

Sampling Location : EB 3 Down stream (Borewell)
--

Description of Sample : Ground Water sample	Quantity/No. of Samples : 05 Lit./One
Date of Sampling : 18/08/2023	Sampling Procedure : IS:3025
Sampling by : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : QC/Env. Monitoring
Sample Receipt Date : 19/08/2023	Lab ID. : BLD/2308/08
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 19/08/2023	Date of Completion of Test : 28/08/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.42	IS 3025 (Part 11)
2	Colour	Co.pt	10	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	52.51	IS 3025 (Part – 14)
4	Turbidity	NTU	1.13	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	12.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	34126	IS 3025 (Part-16)
7	TOC	mg/L	6.74	APHA (23 rd Edition) 5310 B
8	COD	mg/L	65.69	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	3860	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	456	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.23	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	16544	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3288	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.75	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.632	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

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PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**

Test Report No. : **PL/BLD/23/0110**
Issue Date : **28/08/2023**
Customer's Ref. : **W.O. No. 8523240099**
Dated:03.05.2023

Sampling Location : **EB 3 Down stream (Borewell)**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.15	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	464	IS 3025 (Part - 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	648	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	12234	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	258	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.04	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L, Total Suspended Solids: 2.0 mg/L, TOC: 0.1 mg/L, COD: 5.0 mg/L, Total Kjeldahl Nitrogen: 0.2 mg/L, Fluorides as F: 0.05 mg/L, BOD : 1.0 mg/L, Nitrate : 0.5 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0110
	Issue Date :	28/08/2023
	Customer's Ref. :	W.O. No. 8523240099 Dated:03.05.2023

Sampling Location : **EB 3 Down stream (Borewell)**

RESULT TABLE

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

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


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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



TEST REPORT

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0111
	Issue Date : 28/08/2023
	Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023

Sampling Location : EB 4 Down stream (Borewell)
--

Description of Sample : Ground Water sample	Quantity/No. of Samples : 05 Lit./One
Date of Sampling : 18/08/2023	Sampling Procedure : IS:3025
Sampling by : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : QC/Env. Monitoring
Sample Receipt Date : 19/08/2023	Lab ID. : BLD/2308/09
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 19/08/2023	Date of Completion of Test : 28/08/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.38	IS 3025 (Part 11)
2	Colour	Co.pt	10	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	49.93	IS 3025 (Part – 14)
4	Turbidity	NTU	1.18	10APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	10.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	32456	IS 3025 (Part-16)
7	TOC	mg/L	10.4	APHA (23 rd Edition) 5310 B
8	COD	mg/L	63.73	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	4020	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	503	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.19	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	15395	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3289	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.43	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.562	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

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Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0111 Issue Date : 28/08/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
---	--

Sampling Location : EB 4 Down stream (Borewell)
--

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.15	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	448	IS 3025 (Part - 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	696	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	11816	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	261	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	5.60	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L, Total Suspended Solids: 2.0 mg/L, TOC: 0.1 mg/L, COD: 5.0 mg/L, Total Kjeldahl Nitrogen: 0.2 mg/L, Fluorides as F: 0.05 mg/L, BOD : 1.0 mg/L, Nitrate : 0.5 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

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Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0111
	Issue Date :	28/08/2023
	Customer's Ref. :	W.O. No. 8523240099 Dated:03.05.2023

Sampling Location : **EB 4 Down stream (Borewell)**

RESULT TABLE

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

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


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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

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

**TEST REPORT**

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

**M/s. BEIL INFRATSTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**Test Report No. : **PL/BLD/23/0112**
Issue Date : **28/08/2023**
Customer's Ref. : **W.O. No. 8523240099**
Dated:03.05.2023Sampling Location : **Nr. Gram Panchayat**Description of Sample : **Ground Water sample** Quantity/No. of Samples : **05 Lit./One**
Date of Sampling : **18/08/2023** Sampling Procedure : **IS:3025**
Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **QC/Env. Monitoring**
Sample Receipt Date : **19/08/2023** Lab ID. : **BLD/2308/10**
Packing/ Seal : **Sealed** Test Parameters : **As per table**
Date of Starting of Test : **19/08/2023** Date of Completion of Test : **28/08/2023****RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	8.29	IS 3025 (Part 11)
2	Colour	Hazen	3.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.467	IS 3025 (Part – 14)
4	Turbidity	NTU	0.07	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	305	IS 3025 (Part-16)
7	TOC	mg/L	Not Detected	APHA (23 rd Edition) 5310 B
8	COD	mg/L	Not Detected	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	108	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	116	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	Not Detected	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	112	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	12.28	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	Not Detected	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	Not Detected	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...

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

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

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0112 Issue Date : 28/08/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
---	--

Sampling Location : Nr. Gram Panchayat

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	Not Detected	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	27.2	IS 3025 (Part - 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	9.6	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	20.35	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	3.41	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	Not Detected	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L, Total Suspended Solids: 2.0 mg/L, TOC: 0.1 mg/L, COD: 5.0 mg/L, Total Kjeldahl Nitrogen: 0.2 mg/L, Fluorides as F: 0.05 mg/L, BOD : 1.0 mg/L, Nitrate : 0.5 mg/L, Iron as Fe : 0.05 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0112
	Issue Date :	28/08/2023
	Customer's Ref. :	W.O. No. 8523240099 Dated:03.05.2023

Sampling Location : **Nr. Gram Panchayat**

RESULT TABLE

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

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


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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

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

**TEST REPORT**

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

**M/s. BEIL INFRASTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**Test Report No. : **PL/BLD/23/0119**Issue Date : **28/09/2023**Customer's Ref. : **W.O. No. 8523240099
Dated:03.05.2023**Sampling Location : **EB 1 Up stream (Borewell)**

Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 19/09/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 20/09/2023	Lab ID.	: BLD/2309/04
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 20/09/2023	Date of Completion of Test	: 28/09/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.72	IS 3025 (Part 11)
2	Colour	Co-pt	15	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	55.28	IS 3025 (Part – 14)
4	Turbidity	NTU	1.53	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	15	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	35920	IS 3025 (Part-16)
7	TOC	mg/L	6.30	APHA (23 rd Edition) 5310 B
8	COD	mg/L	70	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	4126	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	518	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.14	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	17144	APHA (23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3562	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.68	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.847	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...

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

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0119 Issue Date : 28/09/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
---	--

Sampling Location : EB 1 Up stream (Borewell)
--

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.24	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	488	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	696	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	13068	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	284	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.20	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0119
	Issue Date :	28/09/2023
	Customer's Ref. :	W.O. No. 8523240099 Dated:03.05.2023

Sampling Location : **EB 1 Up stream (Borewell)**

RESULT TABLE

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

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


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0120
	Issue Date : 28/09/2023
	Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023

Sampling Location : EB 2 Down Stream (Borewell)
--

Description of Sample : Ground Water sample	Quantity/No. of Samples : 05 Lit./One
Date of Sampling : 19/09/2023	Sampling Procedure : IS:3025
Sampling by : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : QC/Env. Monitoring
Sample Receipt Date : 20/09/2023	Lab ID. : BLD/2309/05
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 20/09/2023	Date of Completion of Test : 28/09/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.58	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	49.03	IS 3025 (Part – 14)
4	Turbidity	NTU	1.47	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	12	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	31862	IS 3025 (Part-16)
7	TOC	mg/L	5.65	APHA (23 rd Edition) 5310 B
8	COD	mg/L	60	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	3958	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	472	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.08	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	14945	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3184	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.34	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.68	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0120 Issue Date : 28/09/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
---	--

Sampling Location : EB 2 Down Stream (Borewell)
--

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.08	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	456	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	676	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	11690	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	276	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	5.80	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH

Test Report No. : PL/BLD/23/0120
Issue Date : 28/09/2023
Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023

Sampling Location : EB 2 Down Stream (Borewell)

RESULT TABLE

Table with 5 columns: SR. NO., Pesticides/Insecticides, UNIT, RESULT, METHOD ADOPTED. Rows include Aldrin, Dicofol, Dieldrin, Alpha Endosulfan, Beta Endosulfan, Sulphate Endosulfan, Heptachlor, Hexachlorobenzene (HCB), Methoxy Chlor, Alpha-HCH, Beta-HCH, Gamma-HCH, 2,4 DDT, 2,4 DDD, 2,4 DDE, 4,4 DDT, 4,4 DDE, Delta HCH, Organo Phosphorous Pesticides (OPPs), Synthetic Pyrethroids (SPs), and Herbicides.

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

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0121
	Issue Date : 28/09/2023
	Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023

Sampling Location	: Nr. Bus Station
-------------------	--------------------------

Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 19/09/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 20/09/2023	Lab ID.	: BLD/2309/06
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 20/09/2023	Date of Completion of Test	: 28/09/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.92	IS 3025 (Part 11)
2	Colour	Hazen	3.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.53	IS 3025 (Part – 14)
4	Turbidity	NTU	0.19	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	348	IS 3025 (Part-16)
7	TOC	mg/L	Not Detected	APHA (23 rd Edition) 5310 B
8	COD	mg/L	Not Detected	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	114	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	132	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	Not Detected	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	136	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	13.24	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	Not Detected	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	Not Detected	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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

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

TEST REPORT

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Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0121 Issue Date : 28/09/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
--	--

Sampling Location : **Nr. Bus Station**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	Not Detected	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	24	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	12.96	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	19.68	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	3.05	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	Not Detected	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L, Total Suspended Solids: 2.0 mg/L, TOC: 0.1 mg/L, COD: 5.0 mg/L, Total Kjeldahl Nitrogen: 0.2 mg/L, Fluorides as F: 0.05 mg/L, BOD : 1.0 mg/L, Nitrate : 0.5 mg/L, Iron as Fe : 0.05 mg/L.

**attached pesticides list


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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

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



TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0121
	Issue Date :	28/09/2023
	Customer's Ref. :	W.O. No. 8523240099 Dated:03.05.2023

Sampling Location : **Nr. Bus Station**

RESULT TABLE

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

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


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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



TEST REPORT

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0122
	Issue Date : 28/09/2023
	Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023

Sampling Location : **Inside Mandir**

Description of Sample : Ground Water sample	Quantity/No. of Samples : 05 Lit./One
Date of Sampling : 19/09/2023	Sampling Procedure : IS:3025
Sampling by : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : QC/Env. Monitoring
Sample Receipt Date : 20/09/2023	Lab ID. : BLD/2309/07
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 20/09/2023	Date of Completion of Test : 28/09/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.85	IS 3025 (Part 11)
2	Colour	Hazen	4.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.46	IS 3025 (Part – 14)
4	Turbidity	NTU	0.14	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	298	IS 3025 (Part-16)
7	TOC	mg/L	Not Detected	APHA (23 rd Edition) 5310 B
8	COD	mg/L	Not Detected	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	109	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	123	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	Not Detected	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	110	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	10.13	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	Not Detected	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	Not Detected	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0122 Issue Date : 28/09/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
---	--

Sampling Location : **Inside Mandir**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	Not Detected	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	23.2	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	12.24	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	16.25	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	3.41	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	Not Detected	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L, Total Suspended Solids: 2.0 mg/L, TOC: 0.1 mg/L, COD: 5.0 mg/L, Total Kjeldahl Nitrogen: 0.2 mg/L, Fluorides as F: 0.05 mg/L, BOD : 1.0 mg/L, Nitrate : 0.5 mg/L Iron as Fe : 0.05 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0122
	Issue Date :	28/09/2023
	Customer's Ref. :	W.O. No. 8523240099 Dated:03.05.2023

Sampling Location : **Inside Mandir**

RESULT TABLE

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

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


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0123
	Issue Date : 28/09/2023
	Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023

Sampling Location : EB 3 Down stream (Borewell)
--

Description of Sample : Ground Water sample	Quantity/No. of Samples : 05 Lit./One
Date of Sampling : 19/09/2023	Sampling Procedure : IS:3025
Sampling by : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : QC/Env. Monitoring
Sample Receipt Date : 20/09/2023	Lab ID. : BLD/2309/08
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 20/09/2023	Date of Completion of Test : 28/09/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.48	IS 3025 (Part 11)
2	Colour	Co.pt	10	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	50.75	IS 3025 (Part – 14)
4	Turbidity	NTU	1.16	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	11	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	32986	IS 3025 (Part-16)
7	TOC	mg/L	5.80	APHA (23 rd Edition) 5310 B
8	COD	mg/L	64	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	3786	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	420	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.06	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	15670	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3324	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.45	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.72	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0123 Issue Date : 28/09/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
---	--

Sampling Location : EB 3 Down stream (Borewell)
--

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.998	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	456	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	635	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	12068	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	261	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	5.90	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L, Total Suspended Solids: 2.0 mg/L, TOC: 0.1 mg/L, COD: 5.0 mg/L, Total Kjeldahl Nitrogen: 0.2 mg/L, Fluorides as F: 0.05 mg/L, BOD : 1.0 mg/L, Nitrate : 0.5 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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- ISO 9001 : 2008

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0123 Issue Date : 28/09/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
---	--

 Sampling Location : **EB 3 Down stream (Borewell)**

RESULT TABLE

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

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



H. T. Shah
Lab. Manager



Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0124 Issue Date : 28/09/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
--	--

Sampling Location	: EB 4 Down stream (Borewell)
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 19/09/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 20/09/2023	Lab ID.	: BLD/2309/09
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 20/09/2023	Date of Completion of Test	: 28/09/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.36	IS 3025 (Part 11)
2	Colour	Co.pt	10	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	50.46	IS 3025 (Part – 14)
4	Turbidity	NTU	1.23	10APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	12	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	32786	IS 3025 (Part-16)
7	TOC	mg/L	5.98	APHA (23 rd Edition) 5310 B
8	COD	mg/L	64	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	3958	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	482	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	0.980	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	15295	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3224	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.53	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.625	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0124 Issue Date : 28/09/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
---	--

Sampling Location : EB 4 Down stream (Borewell)
--

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.08	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	456	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	676	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	12184	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	254	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	5.60	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L, Total Suspended Solids: 2.0 mg/L, TOC: 0.1 mg/L, COD: 5.0 mg/L, Total Kjeldahl Nitrogen: 0.2 mg/L, Fluorides as F: 0.05 mg/L, BOD : 1.0 mg/L, Nitrate : 0.5 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0124
	Issue Date :	28/09/2023
	Customer's Ref. :	W.O. No. 8523240099 Dated:03.05.2023

Sampling Location : **EB 4 Down stream (Borewell)**

RESULT TABLE

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

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


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0125
	Issue Date : 28/09/2023
	Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023

Sampling Location : **Nr. Gram Panchayat**

Description of Sample : Ground Water sample	Quantity/No. of Samples : 05 Lit./One
Date of Sampling : 19/09/2023	Sampling Procedure : IS:3025
Sampling by : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : QC/Env. Monitoring
Sample Receipt Date : 20/09/2023	Lab ID. : BLD/2309/10
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 20/09/2023	Date of Completion of Test : 28/09/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	8.39	IS 3025 (Part 11)
2	Colour	Hazen	4.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.53	IS 3025 (Part – 14)
4	Turbidity	NTU	0.12	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	338	IS 3025 (Part-16)
7	TOC	mg/L	Not Detected	APHA (23 rd Edition) 5310 B
8	COD	mg/L	Not Detected	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	121	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	132	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	Not Detected	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	139	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	9.82	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	Not Detected	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 4110 B
16	Cadmium as Cd	mg/L	Not Detected	APHA(23rd Edition) 4110 B
17	Copper as Cu	mg/L	Not Detected	APHA(23rd Edition) 4110 B
18	Total Chromium	mg/L	Not Detected	APHA(23rd Edition) 4110 B
19	Mercury as Hg	mg/L	Not Detected	APHA(23rd Edition) 4110 B
20	Nickel as Ni	mg/L	Not Detected	APHA(23rd Edition) 4110 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	Not Detected	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0125 Issue Date : 28/09/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
---	--

Sampling Location : Nr. Gram Panchayat

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	Not Detected	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	24.8	IS 3025 (Part - 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	14.16	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	12.63	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	2.83	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	Not Detected	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508 / USEPA 525.2 / USEPA 532

Detection Limit: Lead as Pb : 0.005 mg/L, Cadmium as Cd : 0.002 mg/L, Copper as Cu : 0.02 mg/L, Total Chromium : 0.025 mg/L, Mercury as Hg: 0.0006 mg/L, Arsenic as As: 0.005 mg/L, Nickel as Ni: 0.01 mg/L, Manganese as Mn: 0.01 mg/L, Ammonical Nitrogen : 0.2 mg/L, Cyanides as CN: 0.001 mg/L, Zinc : 0.05 mg/L, O&G : 2.0 mg/L, Total Suspended Solids: 2.0 mg/L, TOC: 0.1 mg/L, COD: 5.0 mg/L, Total Kjeldahl Nitrogen: 0.2 mg/L, Fluorides as F: 0.05 mg/L, BOD : 1.0 mg/L, Nitrate : 0.5 mg/L, Iron as Fe : 0.05 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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- ISO 9001 : 2008

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

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

TEST CERTIFICATE FOR SOIL

QF/7.8/38-EX

Page: 1 of 1

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0068 Issue Date : 27/05/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	--

Description of Sample : Soil Sample# Date of Sampling : 17/05/2023 Sampling By : Pollucon Laboratories Pvt. Ltd. Sample Receipt Date : 18/05/2023 Packing/ Seal : Sealed Date of Starting of Test : 18/05/2023 Test Method : USEPA/IS 2720 etc.	Quantity/No. of Samples : 02 Kg/Three Sampling Procedure : USEPA/IS 2720 etc. Protocol (purpose) : USEPA/IS 2720 etc. Lab ID : BLD/2305/09 TO 11 Test Parameters : As per table Date of Completion of Test : 27/05/2023
--	--

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Near EB-1	Opp. Salt Farm	Near EB-2
1	pH	--	8.62	8.81	8.68
2	Conductivity	µmho/cm	2074	4248	1680
3	Total Suspended Solids	%	0.99	1.87	1.74
4	Total Organic Carbon	%	0.81	0.76	0.39
5	Cadmium BY TCLP	mg/L	Not Detected	Not Detected	Not Detected
6	Fluoride	mg/L	0.94	1.06	1.02
7	Lead Analyzed By TCLP	mg/L	0.27	0.39	Not Detected
8	Copper Analyzed By TCLP	mg/L	0.48	0.29	0.48
9	Chromium Analyzed By TCLP	mg/L	0.31	0.31	0.23
10	Mercury Analyzed By TCLP	mg/L	Not Detected	Not Detected	Not Detected
11	Nickel Analyzed By TCLP	mg/L	0.63	0.82	0.73
12	Cyanide	mg/L	Not Detected	Not Detected	Not Detected
13	Zinc Analyzed By TCLP	mg/L	0.75	0.68	0.52
14	Arsenic Analyzed By TCLP	mg/L	Not Detected	Not Detected	Not Detected
15	PAH	mg/L	Not Detected	Not Detected	Not Detected

#Detail Provide by Customer


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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

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

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

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

TEST CERTIFICATE FOR SOIL

QF/7.8/38-EX

Page: 1 of 1

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0069 Issue Date : 27/05/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	--

Description of Sample : Soil Sample# Date of Sampling : 17/05/2023 Sampling By : Pollucon Laboratories Pvt. Ltd. Sample Receipt Date : 18/05/2023 Packing/ Seal : Sealed Date of Starting of Test : 18/05/2023 Test Method : USEPA/IS 2720 etc.	Quantity/No. of Samples : 02 Kg/Three Sampling Procedure : USEPA/IS 2720 etc. Protocol (purpose) : USEPA/IS 2720 etc. Lab ID : BLD/2305/12 TO 14 Test Parameters : As per table Date of Completion of Test : 27/05/2023
--	--

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Opp. Khetan Industries	Near ADM Building	Behind Teqrosh Company
1	pH	--	8.37	8.68	8.56
2	Conductivity	µmho/cm	2884	1596	2538
3	Total Suspended Solids	%	1.38	0.87	1.14
4	Total Organic Carbon	%	0.44	0.43	1.02
5	Cadmium BY TCLP	mg/L	Not Detected	Not Detected	Not Detected
6	Fluoride	mg/L	0.91	0.96	0.88
7	Lead Analyzed By TCLP	mg/L	0.12	Not Detected	Not Detected
8	Copper Analyzed By TCLP	mg/L	0.31	0.25	0.42
9	Chromium Analyzed By TCLP	mg/L	0.048	0.092	0.12
10	Mercury Analyzed By TCLP	mg/L	Not Detected	Not Detected	Not Detected
11	Nickel Analyzed By TCLP	mg/L	0.630	0.72	0.73
12	Cyanide	mg/L	Not Detected	Not Detected	Not Detected
13	Zinc Analyzed By TCLP	mg/L	0.51	0.64	0.64
14	Arsenic Analyzed By TCLP	mg/L	Not Detected	Not Detected	Not Detected
15	PAH	mg/L	Not Detected	Not Detected	Not Detected

#Detail Provide by Customer


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

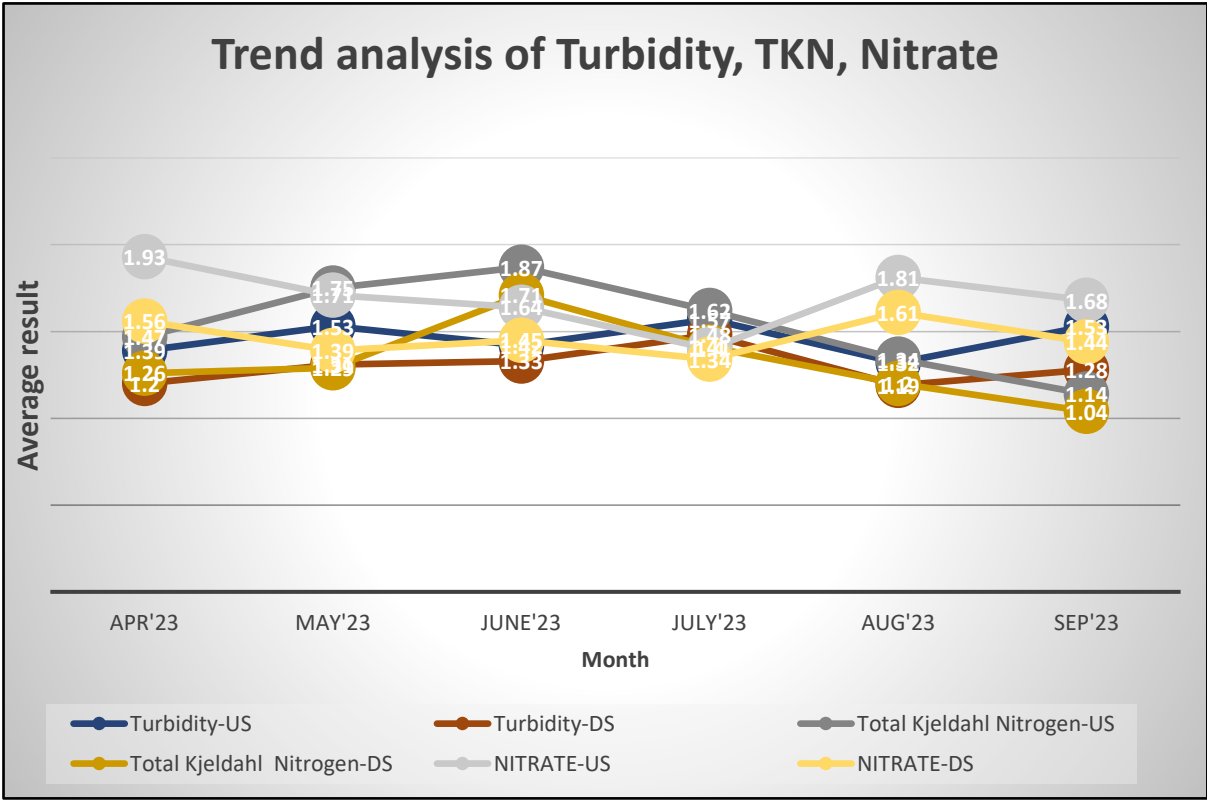
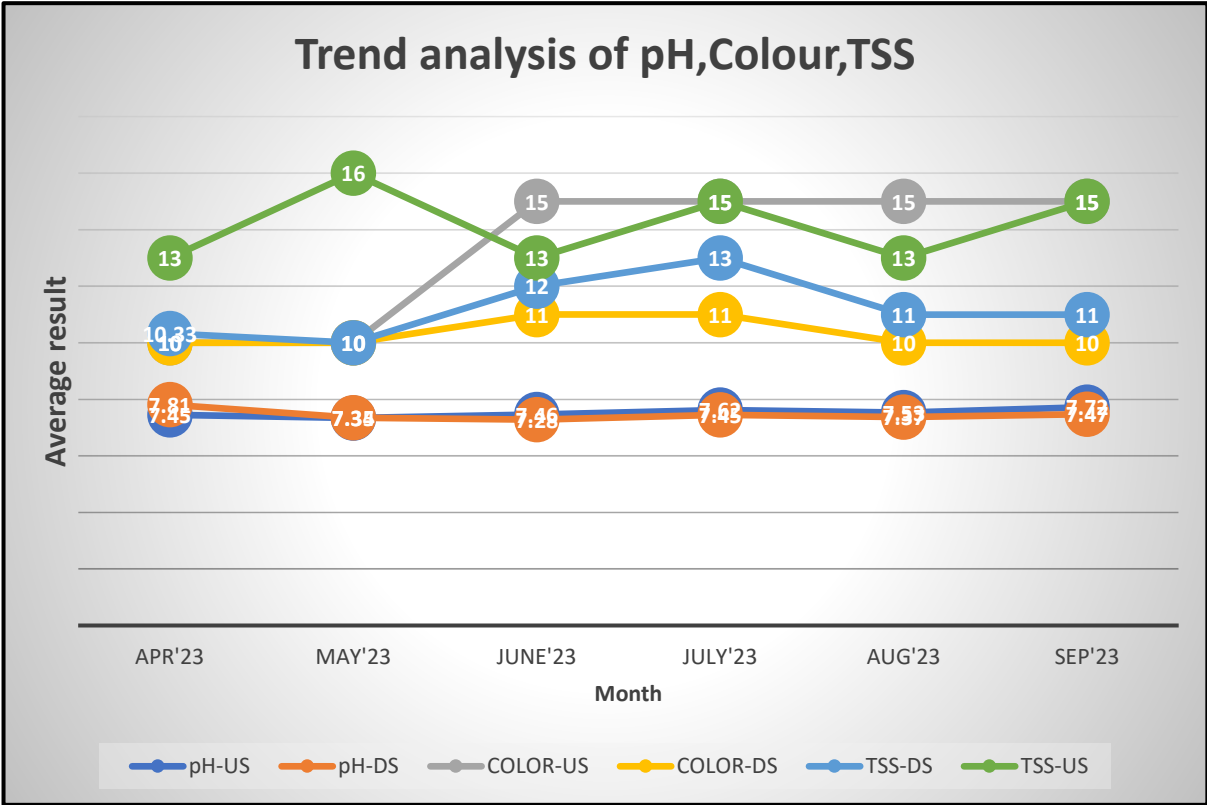
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 ● GPCB approved schedule II auditor
 ● ISO 14001 : 2004
 ● OHSAS 18001 : 2007
 ● ISO 9001 : 2008

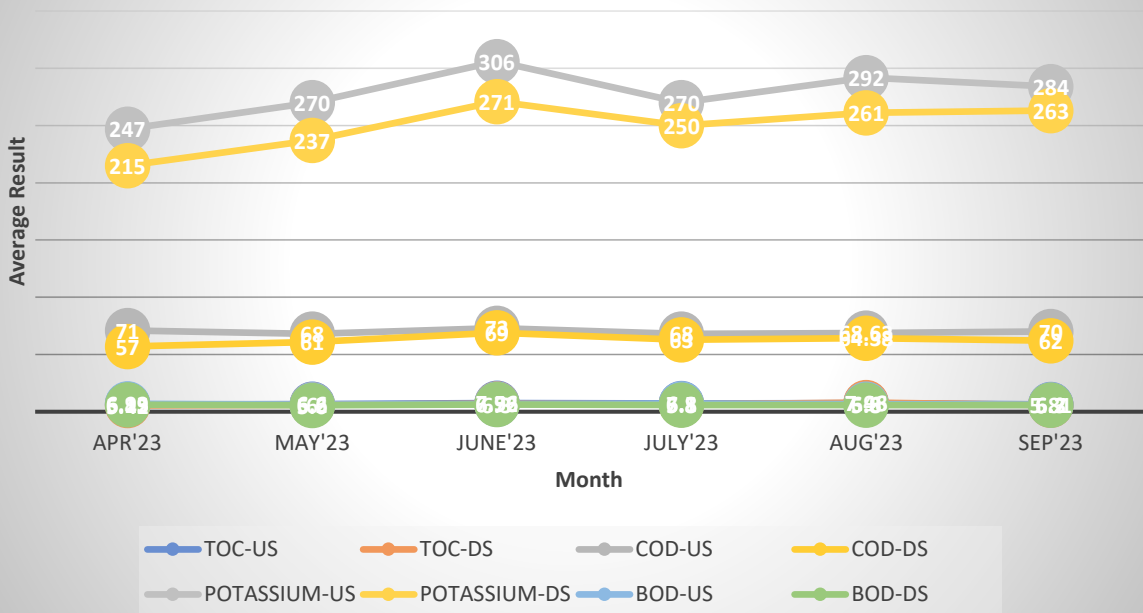
"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

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

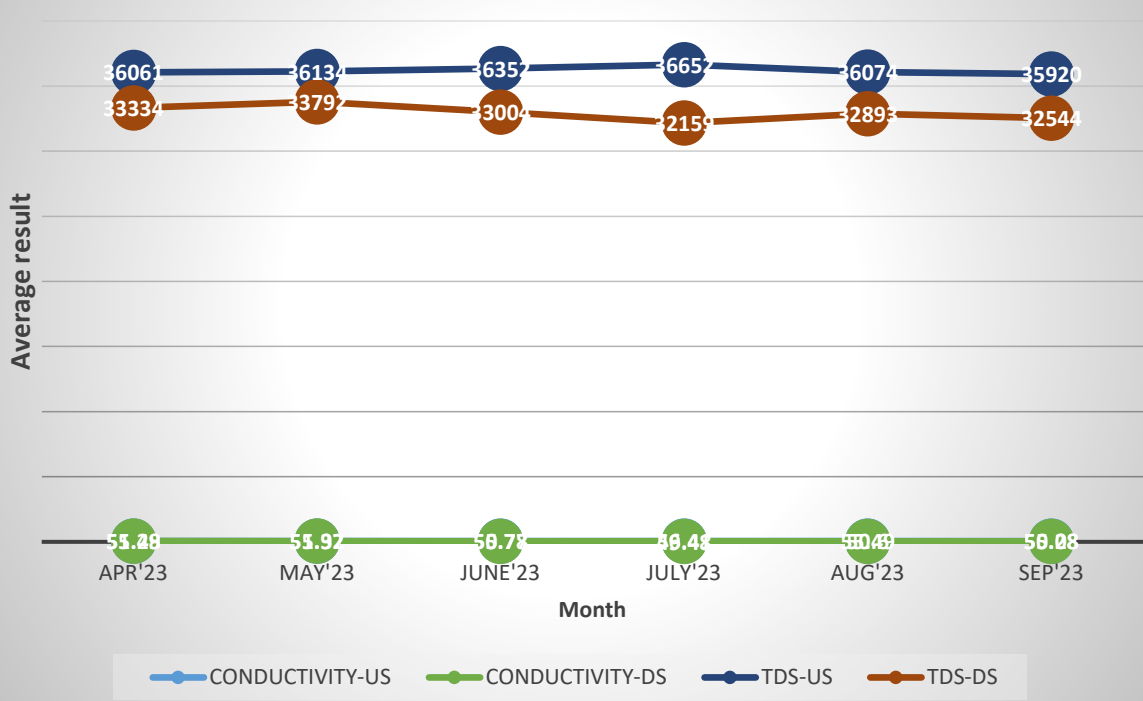
Trend analysis of Ground water



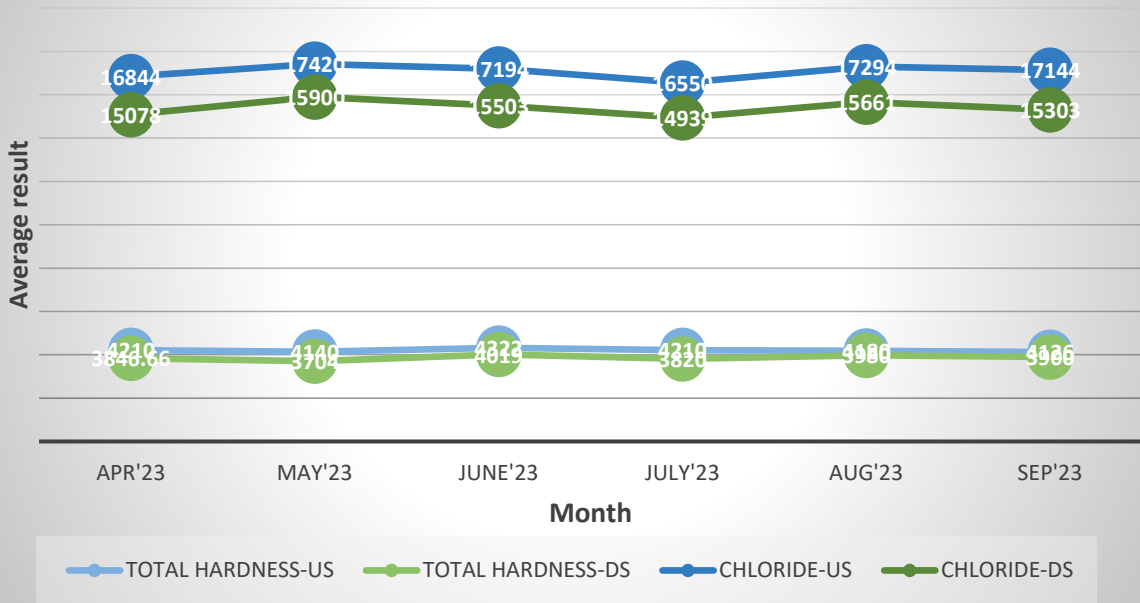
Trend analysis of TOC, COD, Potassium, BOD



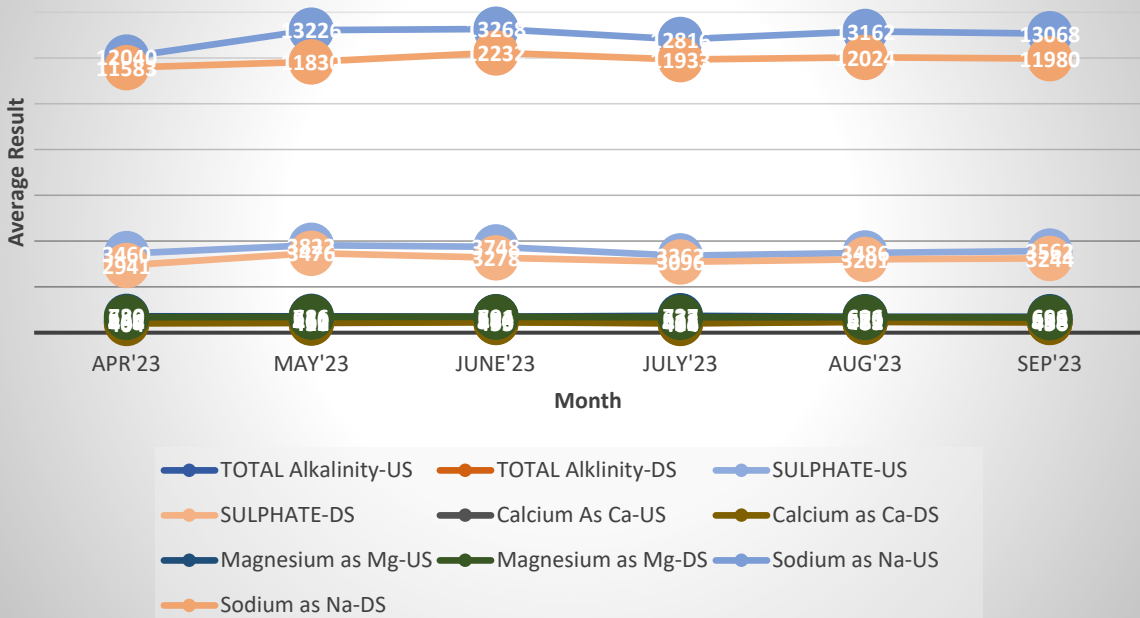
Trend analysis of Conductivity , TDS



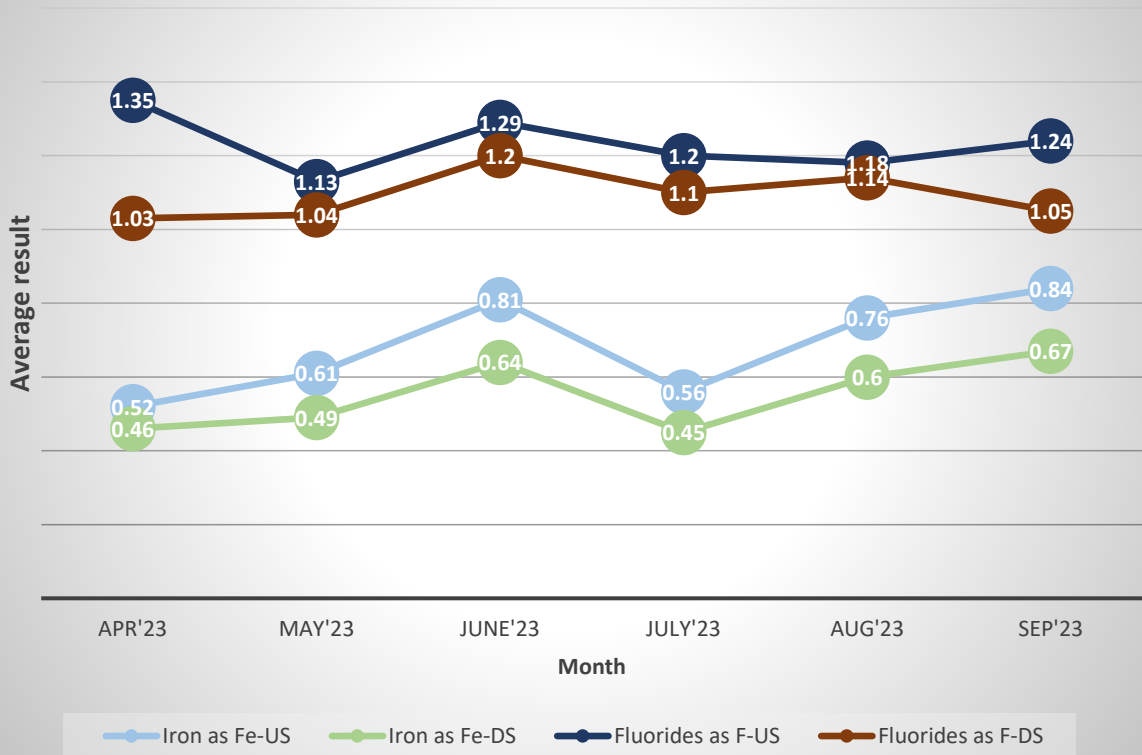
Trend analysis of Total Hardness, Chloride



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



Trend analysis of Iron, Fluorides





o/c

Annexure 6



India Post

May Safar

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

भारतीय डाक

India Post

RG269070155IN IVR:8271268070

RL DAHEJ SD (392130)

Counter No:2,13/07/2023,11:47

To:MEMBER SECRETRY,GANDHINAGAR

pin:382010, Gandhinagar Gujarat HD

From:BEIL INFRAST LTD,DAHEJ

Rs:10000

Mode:4030AT(Cash)

(Track on www.indiapost.gov.in)

(Dial 18007464849) (Post Mark: 13/07/2023)

**The Member Secretary,
Gujarat Pollution Control Board,
Paryavaran Bhavan,
Sector -10/A
Gandhinagar- 382010**

Sub: Compliance of recommendations of Environmental Audit for the Half year (October 2022 to March 2023)

Dear Sir,

We have submitted half yearly Environment Audit Report for October 2022 to March 2023 to H.O. GPCB Gandhinagar along with fees on 01.06.2023. The audit was carried out by Shroff S.R Rotary Institute of Chemical Technology, Vataria.

The compliance of the recommendations of the Auditor are enclosed.

We hope that above is in the order.

Thanking You,

Yours faithfully,

For, BEIL Infrastructure Limited


Authorized Signatory

Encl: a/a

CC:
Regional office
Gujarat Pollution Control Board
Bharuch


Bharuch
15/7/23

CIN NO. U45300GJ1997PLC032696

Works Office : Plot No. D-43, Dahej Amod Road, GIDC Estate, Dahej, T. Vagra - 392 130, Dist. Bharuch (Gujarat)

Phone : (02641) 291129, E-mail : mistryrg@beil.co.in

Regd. Office : Plot No. 9701-16, GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)

Phones (02646) 253135, 225228 Fax : (02642) 222849 E-mail : dalwadibd@beil.co.in



BEIL INFRASTRUCTURE LTD.
ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY

Annexure 7

TEST REPORT

Report No: DSM/18042023	Date: 18-04-2023	Page No: 1/1
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Name and Address of the Customer	BEIL INFRASTRUCTURE LIMITED PLOT NO. D/43, DAHEJ-AMOD ROAD, G.I.D.C-DAHEJ-392 130 TALUKA-VAGRA, DIST-BHARUCH (GUJARAT)		
Sample Description	Stack Sampling	Sample Identification/Code	DG Stack
Sample Quantity	---	Date of Sampling	18-Apr-2023
Sampling Location	DG Room	Date of Receipt Sample	18-Apr-2023
Sample Collected by	Mihir Rana	Date of Start Analysis	18-Apr-2023
Sampling Procedure	---	Date of Completion Analysis	18-Apr-2023

Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm ³	55.34	IS:5182 (P-4) 1999
2	SULPHUR DIOXIDE	100	ppm	11.45	IS:5182 (P-2) 2001
3	NITROGEN OXIDE	50	ppm	22.97	IS:11255 (P-7) 2005

Remarks (if Any):

For BEIL Infrastructure Ltd.


ANALYSED BY


VERIFIED BY


AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM

Plot No.D-43 GIDC Dahej, Dist.: Bharuch (Gujarat) Dahej-392130
E-mail-mistryrg@beil.co.in Cell no: 9099057365

Regd. Office: Plot No 9701-16,GIDC Estate, Ankleshwar-393002, Dist.: Bharuch
(Gujarat)

CIN No: U45300GJ1997PLC032696



BEIL INFRASTRUCTURE LTD.
ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY

TEST REPORT

Report No: BSM/18042023	Date: 18-04-2023	Page No: 1/1
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Name and Address of the Customer	BEIL INFRASTRUCTURE LIMITED PLOT NO. D/43, DAHEJ-AMOD ROAD, G.I.D.C-DAHEJ-392 130 TALUKA-VAGRA, DIST-BHARUCH (GUJARAT)		
Sample Description	Stack Sampling	Sample Identification/Code	Boiler Stack
Sample Quantity	---	Date of Sampling	18-Apr-2023
Sampling Location	Boiler Plant	Date of Receipt Sample	18-Apr-2023
Sample Collected by	Mihir Rana	Date of Start Analysis	18-Apr-2023
Sampling Procedure	---	Date of Completion Analysis	18-Apr-2023

Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm ³	51.34	IS:5182 (P-4) 1999
2	SULPHUR DIOXIDE	100	ppm	15.08	IS:5182 (P-2) 2001
3	NITROGEN OXIDE	50	ppm	24.97	IS:11255 (P-7) 2005

Remarks (if Any):

For BEIL Infrastructure Ltd.


ANALYSED BY


VERIFIED BY


AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM

Plot No. D-43 GIDC Dahej, Dist.: Bharuch (Gujarat) Dahej-392130
E-mail-mistryrg@beil.co.in Cell no: 9099057365

Regd. Office: Plot No 9701-16, GIDC Estate, Ankleshwar-393002, Dist.: Bharuch
(Gujarat)
CIN No: U45300GJ1997PLC032696



BEIL INFRASTRUCTURE LTD.
ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY

TEST REPORT

Report No: BS/03052023	Date: 03-05-2023	Page No: 1/1
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Name and Address of the Customer	BEIL INFRASTRUCTURE LIMITED PLOT NO. D/43, DAHEJ-AMOD ROAD, G.I.D.C-DAHEJ-392 130 TALUKA-VAGRA, DIST-BHARUCH (GUJARAT)		
Sample Description	Stack Sampling	Sample Identification/Code	Boiler Stack
Sample Quantity	---	Date of Sampling	02-May-2023
Sampling Location	Boiler Plant	Date of Receipt Sample	02-May-2023
Sample Collected by	Mihir Rana	Date of Start Analysis	02-May-2023
Sampling Procedure	---	Date of Completion Analysis	02-May-2023

Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm ³	48.97	IS:5182 (P-4) 1999
2	SULPHUR DIOXIDE	100	ppm	15.49	IS:5182 (P-2) 2001
3	NITROGEN OXIDE	50	ppm	25.02	IS:11255 (P-7) 2005

Remarks (if Any):

For BEIL Infrastructure Ltd.


ANALYSED BY


VERIFIED BY


AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM

Plot No. D-43 GIDC Dahej, Dist.: Bharuch (Gujarat) Dahej-392130
E-mail-mistryrg@beil.co.in Cell no: 9099057365

Regd. Office: Plot No 9701-16, GIDC Estate, Ankleshwar-393002, Dist.: Bharuch
(Gujarat)
CIN No: U45300GJ1997PLC032696



BEIL INFRASTRUCTURE LTD.
ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY

TEST REPORT

Report No: DS/03052023	Date: 03-05-2023	Page No: 1/1
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Name and Address of the Customer	BEIL INFRASTRUCTURE LIMITED PLOT NO. D/43, DAHEJ-AMOD ROAD, G.I.D.C-DAHEJ-392 130 TALUKA-VAGRA, DIST-BHARUCH (GUJARAT)		
Sample Description	Stack Sampling	Sample Identification/Code	DG Stack
Sample Quantity	---	Date of Sampling	02-May-2023
Sampling Location	DG Room	Date of Receipt Sample	02-May-2023
Sample Collected by	Mihir Rana	Date of Start Analysis	02-May-2023
Sampling Procedure	---	Date of Completion Analysis	02-May-2023

Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm ³	52.94	IS:5182 (P-4) 1999
2	SULPHUR DIOXIDE	100	ppm	10.24	IS:5182 (P-2) 2001
3	NITROGEN OXIDE	50	ppm	23.45	IS:11255 (P-7) 2005

Remarks (if Any):

For BEIL Infrastructure Ltd.


ANALYSED BY


VERIFIED BY


AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM

Plot No.D-43 GIDC Dahej, Dist.: Bharuch (Gujarat) Dahej-392130
E-mail-mistryrg@beil.co.in Cell no: 9099057365

Regd. Office: Plot No 9701-16,GIDC Estate, Ankleshwar-393002, Dist.: Bharuch
(Gujarat)

CIN No: U45300GJ1997PLC032696



BEIL INFRASTRUCTURE LTD.
ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY
TEST REPORT

Report No: DS/08062023	Date: 08-06-2023	Page No: 1/1
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Name and Address of the Customer	BEIL INFRASTRUCTURE LIMITED PLOT NO. D/43, DAHEJ-AMOD ROAD, G.I.D.C-DAHEJ-392 130 TALUKA-VAGRA, DIST-BHARUCH (GUJARAT)		
Sample Description	Stack Sampling	Sample Identification/Code	DG Stack
Sample Quantity	---	Date of Sampling	06-Jun-2023
Sampling Location	DG Room	Date of Receipt Sample	06-Jun-2023
Sample Collected by	Mihir Sinh Rana	Date of Start Analysis	06-Jun-2023
Sampling Procedure	---	Date of Completion Analysis	07-Jun-2023

Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm ³	55.19	IS:5182 (P-4) 1999
2	SULPHUR DIOXIDE	100	ppm	11.73	IS:5182 (P-2) 2001
3	NITROGEN OXIDE	50	ppm	22.61	IS:11255 (P-7) 2005

Remarks (If Any):

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4. Water/Wastewater samples shall be stored for the period of one month after the date of issue of the Report. Hazardous waste samples shall be stand for one month after the date of issue of certificate, unless otherwise agreed with the customer. ARDL is not responsible for the variations of results where preservation may affect the same.

End of Report

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM

Plot No. D-43 GIDC Dahej, Dist.: Bharuch (Gujarat), Dahej-392130
E-mail – mistryrg@beil.co.in Cell no: 9099057365
Regd. Office: Plot No 9701-16, G.I.D.C Estate, Ankleshwar-393002, Dist.: Bharuch (Gujarat)
CIN No.: U45300GJ1997PLC032696



BEIL INFRASTRUCTURE LTD.
ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY
TEST REPORT

Report No: BS/09062023	Date: 09-06-2023	Page No: 1/1
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Name and Address of the Customer	BEIL INFRASTRUCTURE LIMITED PLOT NO. D/43, DAHEJ-AMOD ROAD, G.I.D.C-DAHEJ-392 130 TALUKA-VAGRA, DIST-BHARUCH (GUJARAT)		
Sample Description	Stack Sampling	Sample Identification/Code	Boiler Stack
Sample Quantity	---	Date of Sampling	08-Jun-2023
Sampling Location	Boiler Plant	Date of Receipt Sample	08-Jun-2023
Sample Collected by	Mihir Sinh Rana	Date of Start Analysis	08-Jun-2023
Sampling Procedure	---	Date of Completion Analysis	09-Jun-2023

Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm ³	52.50	IS:5182 (P-4) 1999
2	SULPHUR DIOXIDE	100	ppm	13.54	IS:5182 (P-2) 2001
3	NITROGEN OXIDE	50	ppm	22.61	IS:11255 (P-7) 2005

Remarks (If Any):

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End of Report

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY
MR. SATHISKUMAR GADDAM

Plot No. D-43 GIDC Dahej, Dist.: Bharuch (Gujarat), Dahej-392130
E-mail – mistryrg@beil.co.in Cell no: 9099057365
Regd. Office: Plot No 9701-16, G.I.D.C Estate, Ankleshwar-393002, Dist.: Bharuch (Gujarat)
CIN No.: U45300GJ1997PLC032696



BEIL INFRASTRUCTURE LTD.
ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY
TEST REPORT

Report No: BS/18072023

Date: 18-07-2023

Page No: 1/1

Name and Address of the Customer	BEIL INFRASTRUCTURE LIMITED PLOT NO. D/43, DAHEJ-AMOD ROAD, G.I.D.C-DAHEJ-392 130 TALUKA-VAGRA, DIST-BHARUCH (GUJARAT)		
Sample Description	Stack Sampling	Sample Identification/Code	Boiler Stack
Sample Quantity	---	Date of Sampling	17-Jul-2023
Sampling Location	Boiler Plant	Date of Receipt Sample	17-Jul-2023
Sample Collected by	Mihir Sinh Rana	Date of Start Analysis	17-Jul-2023
Sampling Procedure	---	Date of Completion Analysis	17-Jul-2023

Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm3	51.30	IS:5182 (P-4) 1999
2	SULPHUR DIOXIDE	100	ppm	13.14	IS:5182 (P-2) 2001
3	NITROGEN OXIDE	50	ppm	22.84	IS:11255 (P-7) 2005

Remarks (If Any):

Terms and conditions covering the test report issued.

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End of Report

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

Plot No. D-43 GIDC Dahej, Dist.: Bharuch (Gujarat), Dahej-392130

E-mail – mistryrg@beil.co.in Cell no: 9099057365

Regd. Office: Plot No 9701-16, G.I.D.C Estate, Ankleshwar-393002, Dist.: Bharuch (Gujarat)

CIN No.: U45300GJ1997PLC032696



BEIL INFRASTRUCTURE LTD.
ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY
TEST REPORT

Report No: DS/18072023	Date: 08-06-2023	Page No: 1/1
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Name and Address of the Customer	BEIL INFRASTRUCTURE LIMITED PLOT NO. D/43, DAHEJ-AMOD ROAD, G.I.D.C-DAHEJ-392 130 TALUKA-VAGRA, DIST-BHARUCH (GUJARAT)		
Sample Description	Stack Sampling	Sample Identification/Code	DG Stack
Sample Quantity	---	Date of Sampling	17-Jul-2023
Sampling Location	DG Room	Date of Receipt Sample	17-Jul-2023
Sample Collected by	Mihirsinh Rana	Date of Start Analysis	17-Jul-2023
Sampling Procedure	---	Date of Completion Analysis	17-Jul-2023

Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm3	54.02	IS:5182 (P-4) 1999
2	SULPHUR DIOXIDE	100	ppm	11.84	IS:5182 (P-2) 2001
3	NITROGEN OXIDE	50	ppm	22.02	IS:11255 (P-7) 2005

Remarks (If Any):

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End of Report

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM

Plot No. D-43 GIDC Dahej, Dist.: Bharuch (Gujarat), Dahej-392130
E-mail – mistryrg@beil.co.in Cell no: 9099057365
Regd. Office: Plot No 9701-16, G.I.D.C Estate, Ankleshwar-393002, Dist.: Bharuch (Gujarat)
CIN No.: U45300GJ1997PLC032696



BEIL INFRASTRUCTURE LTD.
ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY
TEST REPORT

Report No: BS/15082023	Date: 15-08-2023	Page No: 1/1
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Name and Address of the Customer	BEIL INFRASTRUCTURE LIMITED PLOT NO. D/43, DAHEJ-AMOD ROAD, G.I.D.C-DAHEJ-392 130 TALUKA-VAGRA, DIST-BHARUCH (GUJARAT)		
Sample Description	Stack Sampling	Sample Identification/Code	Boiler Stack
Sample Quantity	---	Date of Sampling	14-Aug-2023
Sampling Location	Boiler Plant	Date of Receipt Sample	14-Aug-2023
Sample Collected by	Hemant Patel	Date of Start Analysis	14-Aug-2023
Sampling Procedure	---	Date of Completion Analysis	15-Aug-2023

Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm3	61.55	IS:11255 (P-1) 1985
2	SULPHUR DIOXIDE	100	ppm	10.09	IS:11255 (P-2) 1985
3	NITROGEN OXIDE	50	ppm	23.13	IS:11255 (P-7) 2005

Remarks (If Any):

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End of Report

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

Plot No. D-43 GIDC Dahej, Dist.: Bharuch (Gujarat), Dahej-392130
E-mail – mistryrg@beil.co.in Cell no: 9099057365
Regd. Office: Plot No 9701-16, G.I.D.C Estate, Ankleshwar-393002, Dist.: Bharuch (Gujarat)
CIN No.: U45300GJ1997PLC032696



BEIL INFRASTRUCTURE LTD.
ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY
TEST REPORT

Report No: DS/18082023	Date: 18-08-2023	Page No: 1/1
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Name and Address of the Customer	BEIL INFRASTRUCTURE LIMITED PLOT NO. D/43, DAHEJ-AMOD ROAD, G.I.D.C-DAHEJ-392 130 TALUKA-VAGRA, DIST-BHARUCH (GUJARAT)		
Sample Description	Stack Sampling	Sample Identification/Code	DG Stack
Sample Quantity	---	Date of Sampling	17-Aug-2023
Sampling Location	DG Room	Date of Receipt Sample	17-Aug-2023
Sample Collected by	Hemant Patel	Date of Start Analysis	17-Aug-2023
Sampling Procedure	---	Date of Completion Analysis	18-Aug-2023

Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm ³	59.19	IS:11255 (P-1) 1985
2	SULPHUR DIOXIDE	100	ppm	12.29	IS:11255 (P-2) 1985
3	NITROGEN OXIDE	50	ppm	20.68	IS:11255 (P-7) 2005

Remarks (If Any):

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End of Report

For BEIL Infrastructure Ltd.

A. Sathish Kumar
AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM

Plot No. D-43 GIDC Dahej, Dist.: Bharuch (Gujarat), Dahej-392130
E-mail – mistryrg@beil.co.in Cell no: 9099057365
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CIN No.: U45300GJ1997PLC032696



BEIL INFRASTRUCTURE LTD.
ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY
TEST REPORT

Report No: DS/15092023	Date: 15-09-2023	Page No: 1/1
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Name and Address of the Customer	BEIL INFRASTRUCTURE LIMITED PLOT NO. D/43, DAHEJ-AMOD ROAD, G.I.D.C-DAHEJ-392 130 TALUKA-VAGRA, DIST-BHARUCH (GUJARAT)		
Sample Description	Stack Sampling	Sample Identification/Code	DG Stack
Sample Quantity	---	Date of Sampling	14-Sep-2023
Sampling Location	DG Room	Date of Receipt Sample	14-Sep-2023
Sample Collected by	Hemant Patel	Date of Start Analysis	14-Sep-2023
Sampling Procedure	---	Date of Completion Analysis	15-Sep-2023

Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm ³	54.63	IS:11255 (P-1) 1985
2	SULPHUR DIOXIDE	100	ppm	11.05	IS:11255 (P-2) 1985
3	NITROGEN OXIDE	50	ppm	22.26	IS:11255 (P-7) 2005

Remarks (If Any):

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End of Report

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM

Plot No. D-43 GIDC Dahej, Dist.: Bharuch (Gujarat), Dahej-392130
E-mail – mistryrg@beil.co.in Cell no: 9099057365
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CIN No.: U45300GJ1997PLC032696



BEIL INFRASTRUCTURE LTD.
ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY
TEST REPORT

Report No: BS/09092023	Date: 09-09-2023	Page No: 1/1
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Name and Address of the Customer	BEIL INFRASTRUCTURE LIMITED PLOT NO. D/43, DAHEJ-AMOD ROAD, G.I.D.C-DAHEJ-392 130 TALUKA-VAGRA, DIST-BHARUCH (GUJARAT)		
Sample Description	Stack Sampling	Sample Identification/Code	Boiler Stack
Sample Quantity	---	Date of Sampling	08-Sep-2023
Sampling Location	Boiler Plant	Date of Receipt Sample	08-Sep-2023
Sample Collected by	Hemant Patel	Date of Start Analysis	08-Sep-2023
Sampling Procedure	---	Date of Completion Analysis	09-Sep-2023

Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm ³	57.58	IS:11255 (P-1) 1985
2	SULPHUR DIOXIDE	100	ppm	9.83	IS:11255 (P-2) 1985
3	NITROGEN OXIDE	50	ppm	20.56	IS:11255 (P-7) 2005

Remarks (If Any):

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End of Report

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

Plot No. D-43 GIDC Dahej, Dist.: Bharuch (Gujarat), Dahej-392130
E-mail – mistryrg@beil.co.in Cell no: 9099057365
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CIN No.: U45300GJ1997PLC032696

**TEST CERTIFICATE**

QF/7.8/38-AQ

Page: 1 of 1

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0042
	Issue Date :	08/05/2023
	Customer's Ref. :	W.O. No. 8522230080 Dated:29.04.2022

Location of Sampling :	Nr. Main Gate	Sampling Procedure :	As per table
Date of Sampling :	28/04/2023	Protocol (purpose) :	Ambient Air Quality Monitoring
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Lab ID :	BLD/2304/01 [A-L]
Sample Receipt Date :	29/04/2023	Date of Completion of Test :	05/05/2023
Date of Starting of Test :	29/04/2023		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	69.8	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	35.2	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	14.4	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	26.9	80	IS 5182 (Part 6)
5	Ozone (O ₃) [§]	µg/m ³	13.6	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO [§]	mg/m ³	1.24	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	18.2	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS*	IS 5182 (Part 7)

NS*: Not Specified, @Limit as per GPCB Consent Order No.AWH -109249 Issue Date: 14/09/2020 Up to 17/04/2025.

§: Carbon Monoxide as CO & Ozone (O₃) sampling duration 1 hrs. Detection Limit :Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 15 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S:6.0 µg/m³, Ozone (O₃)[§]:5.0 µg/m³, Nickel as Ni:5.0 µg/m³, Hydro Chloric Acid As HCl: 5.0 µg/m³.**Ravi Jariwala
Sr. Environmental Scientist****Dr. Arun Bajpai
Lab Manager(Q)**

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

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● ISO 14001 : 2004

● OHSAS 18001 : 2007

● ISO 9001 : 2008

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

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

**TEST CERTIFICATE**

QF/7.8/38-AQ

Page: 1 of 1

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0043
	Issue Date :	08/05/2023
	Customer's Ref. :	W.O. No. 8522230080 Dated:29.04.2022

Location of Sampling :	Opp. Khetan Industries	Sampling Procedure :	As per table
Date of Sampling :	28/04/2023	Protocol (purpose) :	Ambient Air Quality Monitoring
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Lab ID :	BLD/2304/02 [A-L]
Sample Receipt Date :	29/04/2023	Date of Completion of Test :	05/05/2023
Date of Starting of Test :	29/04/2023		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	70.4	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	33.8	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	12.8	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	23.1	80	IS 5182 (Part 6)
5	Ozone (O ₃) [§]	µg/m ³	12.8	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO [§]	mg/m ³	1.08	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	17.6	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS [*]	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS [*]	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS [*]	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS [*]	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS [*]	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS [*]	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS [*]	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS [*]	IS 5182 (Part 7)

NS*: Not Specified, @Limit as per GPCB Consent Order No.AWH -109249 Issue Date: 14/09/2020 Up to 17/04/2025.

§: Carbon Monoxide as CO & Ozone (O₃) sampling duration 1 hrs. Detection Limit :Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 15 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S:6.0 µg/m³, Ozone (O₃)[§]:5.0 µg/m³, Nickel as Ni:5.0 µg/m³, Hydro Chloric Acid As HCl: 5.0 µg/m³.**Ravi Jariwala
Sr. Environmental Scientist****Dr. Arun Bajpai
Lab Manager(Q)**

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

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

**TEST CERTIFICATE**

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Page: 1 of 1

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0044
	Issue Date :	08/05/2023
	Customer's Ref. :	W.O. No. 8522230080 Dated:29.04.2022

Location of Sampling :	Nr. EB-2 Borewell	Sampling Procedure :	As per table
Date of Sampling :	28/04/2023	Protocol (purpose) :	Ambient Air Quality Monitoring
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Lab ID :	BLD/2304/03 [A-L]
Sample Receipt Date :	29/04/2023	Date of Completion of Test :	05/05/2023
Date of Starting of Test :	29/04/2023		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	58.76	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	30.4	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	10.3	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	19.8	80	IS 5182 (Part 6)
5	Ozone (O ₃) [§]	µg/m ³	10.2	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO [§]	mg/m ³	0.94	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	15.2	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS [*]	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS [*]	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS [*]	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS [*]	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS [*]	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS [*]	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS [*]	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS [*]	IS 5182 (Part 7)

* : Not Specified, @Limit as per GPCB Consent Order No.AWH -109249 Issue Date: 14/09/2020 Up to 17/04/2025.

§ : Carbon Monoxide as CO & Ozone (O₃) sampling duration 1 hrs. Detection Limit :Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂:15 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S:6.0 µg/m³, Ozone (O₃)[§] :5.0 µg/m³, Nickel as Ni:5.0 µg/m³, Hydro Chloric Acid As HCl: 5.0 µg/m³.**Ravi Jariwala
Sr. Environmental Scientist****Dr. Arun Bajpai
Lab Manager(Q)**

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**TEST CERTIFICATE**

QF/7.8/38-AQ

Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0056A
	Issue Date :	27/05/2023
	Customer's Ref. :	W.O. No. 8523240099 Dated:03.05.2023

Location of Sampling :	Nr. Main Gate	Sampling Procedure :	As per table
Date of Sampling :	17/05/2023	Protocol (purpose) :	Ambient Air Quality Monitoring
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Lab ID :	BLD/2305/24 [A-L]
Sample Receipt Date :	18/05/2023	Date of Completion of Test :	23/05/2023
Date of Starting of Test :	18/05/2023		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	76.8	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	37.9	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	15.3	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	22.8	80	IS 5182 (Part 6)
5	Ozone (O ₃) [§]	µg/m ³	11.2	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO [§]	mg/m ³	1.10	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	17.2	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS*	IS 5182 (Part 7)

NS*: Not Specified, @Limit as per GPCB Consent Order No.AWH -109249 Issue Date: 14/09/2020 Up to 17/04/2025.

§: Carbon Monoxide as CO & Ozone (O₃) sampling duration 1 hrs. Detection Limit :Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 15 µg/m³, Lead : 0.1 µg/m³ Hydrogen Sulphide as H₂S:6.0 µg/m³, Ozone (O₃)[§]:5.0 µg/m³, Nickel as Ni:5.0 µg/m³, Hydro Chloric Acid As HCl: 5.0 µg/m³.**Ravi Jariwala
Sr. Environmental Scientist****Dr. Arun Bajpai
Lab Manager (Q)**

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- ISO 9001 : 2008

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

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

**TEST CERTIFICATE**

QF/7.8/38-AQ

Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0057A
	Issue Date :	27/05/2023
	Customer's Ref. :	W.O. No. 8523240099 Dated:03.05.2023

Location of Sampling :	Opp. Khetan Industries		
Date of Sampling :	17/05/2023	Sampling Procedure :	As per table
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) :	Ambient Air Quality Monitoring
Sample Receipt Date :	18/05/2023	Lab ID :	BLD/2305/25 [A-L]
Date of Starting of Test :	18/05/2023	Date of Completion of Test :	23/05/2023

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT[@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	73.4	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	35.8	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	13.9	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	24.1	80	IS 5182 (Part 6)
5	Ozone (O ₃) [§]	µg/m ³	18.2	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO [§]	mg/m ³	1.04	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	12.6	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS*	IS 5182 (Part 7)

NS*: Not Specified, @Limit as per GPCB Consent Order No.AWH -109249 Issue Date: 14/09/2020 Up to 17/04/2025.

§: Carbon Monoxide as CO & Ozone (O₃) sampling duration 1 hrs. Detection Limit :Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 15 µg/m³, Lead : 0.1 µg/m³,Hydrogen Sulphide as H₂S:6.0 µg/m³,Ozone (O₃)[§] :5.0 µg/m³,Nickel as Ni:5.0 µg/m³, Hydro Chloric Acid As HCl: 5.0 µg/m³.**Ravi Jariwala
Sr. Environmental Scientist****Dr. Arun Bajpai
Lab Manager (Q)**

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

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

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**TEST CERTIFICATE**

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Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0058A
	Issue Date :	27/05/2023
	Customer's Ref. :	W.O. No. 8523240099 Dated:03.05.2023

Location of Sampling :	Nr. EB-2 Borewell		
Date of Sampling :	17/05/2023	Sampling Procedure :	As per table
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) :	Ambient Air Quality Monitoring
Sample Receipt Date :	18/05/2023	Lab ID :	BLD/2305/26 [A-L]
Date of Starting of Test :	18/05/2023	Date of Completion of Test :	23/05/2023

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT[@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	60.2	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	31.4	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	10.3	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	20.8	80	IS 5182 (Part 6)
5	Ozone (O ₃) [§]	µg/m ³	21.8	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO [§]	mg/m ³	0.94	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	16.4	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS*	IS 5182 (Part 7)

*: Not Specified, @Limit as per GPCB Consent Order No.AWH -109249 Issue Date: 14/09/2020 Up to 17/04/2025.

§: Carbon Monoxide as CO & Ozone (O₃) sampling duration 1 hrs. Detection Limit :Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂:15 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S:6.0 µg/m³,Ozone (O₃)[§] :5.0 µg/m³,Nickel as Ni:5.0 µg/m³, Hydro Chloric Acid As HCl: 5.0 µg/m³.**Ravi Jariwala
Sr. Environmental Scientist****Dr. Arun Bajpai
Lab Manager (Q)**

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**TEST CERTIFICATE**

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Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0073 Issue Date : 05/07/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
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Location of Sampling : Nr. Main Gate	Sampling Procedure : As per table
Date of Sampling : 23/06/2023	Protocol (purpose) : Ambient Air Quality Monitoring
Sampling by : Pollucon Laboratories Pvt. Ltd.	Lab ID : BLD/2306/01 [A-L]
Sample Receipt Date : 24/06/2023	Date of Completion of Test : 30/06/2023
Date of Starting of Test : 24/06/2023	

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	64.2	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	32.2	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	9.6	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	20.8	80	IS 5182 (Part 6)
5	Ozone (O ₃) [‡]	µg/m ³	8.2	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO [‡]	mg/m ³	1.16	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	9.2	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS [*]	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS [*]	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS [*]	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS [*]	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS [*]	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS [*]	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS [*]	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS [*]	IS 5182 (Part 7)

NS*: Not Specified, @Limit as per GPCB Consent Order No.AWH -109249 Issue Date: 14/09/2020 Up to 17/04/2025.

‡: Carbon Monoxide as CO & Ozone (O₃) sampling duration 1 hrs. Detection Limit :Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 15 µg/m³, Lead : 0.1 µg/m³,Hydrogen Sulphide as H₂S:6.0 µg/m³, Ozone (O₃)[‡] :5.0 µg/m³, Nickel as Ni:5.0 µg/m³, Hydro Chloric Acid As HCl: 5.0 µg/m³.**Ravi Jariwala
Sr. Environmental Scientist**
**Dr. Arun Bajpai
Lab Manager (Q)**

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- GPCB Approved Schedule II Auditor
- ISO 14001
- ISO 45001
- ISO 9001
- Food & Drug Control Administration [FDA]-Gujarat

**TEST CERTIFICATE**

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Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0074
	Issue Date : 05/07/2023
	Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023

Location of Sampling : Opp. Khetan Industries	Sampling Procedure : As per table
Date of Sampling : 23/06/2023	Protocol (purpose) : Ambient Air Quality Monitoring
Sampling by : Pollucon Laboratories Pvt. Ltd.	Lab ID : BLD/2306/03 [A-L]
Sample Receipt Date : 24/06/2023	Date of Completion of Test : 30/06/2023
Date of Starting of Test : 24/06/2023	

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	69.8	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	34.6	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	11.4	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	27.1	80	IS 5182 (Part 6)
5	Ozone (O ₃) [§]	µg/m ³	13.1	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO [§]	mg/m ³	1.08	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	8.4	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS [*]	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) - particulate phase only	ng/m ³	Not Detected	NS [*]	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS [*]	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS [*]	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS [*]	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS [*]	USEPA 26A & SOP HCl - 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS [*]	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS [*]	IS 5182 (Part 7)

NS^{*}: Not Specified, @Limit as per GPCB Consent Order No.AWH -109249 Issue Date: 14/09/2020 Up to 17/04/2025.§: Carbon Monoxide as CO & Ozone (O₃) sampling duration 1 hrs. Detection Limit :Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 15 µg/m³, Lead : 0.1 µg/m³,Hydrogen Sulphide as H₂S:6.0 µg/m³, Ozone (O₃)[§]: 5.0 µg/m³, Nickel as Ni:5.0 µg/m³, Hydro Chloric Acid As HCl: 5.0 µg/m³.


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager (Q)

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

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**TEST CERTIFICATE**

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Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0075
	Issue Date :	05/07/2023
	Customer's Ref. :	W.O. No. 8523240099 Dated:03.05.2023

Location of Sampling :	Nr. EB-2 Borewell		
Date of Sampling :	23/06/2023	Sampling Procedure :	As per table
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) :	Ambient Air Quality Monitoring
Sample Receipt Date :	24/06/2023	Lab ID :	BLD/2306/03 [A-L]
Date of Starting of Test :	24/06/2023	Date of Completion of Test :	30/06/2023

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	56.1	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	27.9	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	6.8	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	17.1	80	IS 5182 (Part 6)
5	Ozone (O ₃) [§]	µg/m ³	10.8	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO [§]	mg/m ³	0.84	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	6.2	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS*	IS 5182 (Part 7)

* : Not Specified, @Limit as per GPCB Consent Order No.AWH -109249 Issue Date: 14/09/2020 Up to 17/04/2025.

§ : Carbon Monoxide as CO & Ozone (O₃) sampling duration 1 hrs. Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC: 50 µg/m³, Chlorine as Cl₂: 15 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S: 6.0 µg/m³, Ozone (O₃): 5.0 µg/m³, Nickel as Ni: 5.0 µg/m³, Hydro Chloric Acid As HCl: 5.0 µg/m³.

**Ravi Janiwal
Sr. Environmental Scientist**

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

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Page: 1 of 1

**M/s. BEIL INFRASTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**

Test Report No. : **PL/BLD/23/0086**Issue Date : **28/07/2023**Customer's Ref. : **W.O. No. 8523240099
Dated:03.05.2023**Location of Sampling : **Nr. Main Gate**Date of Sampling : **19/07/2023**Sampling Procedure : **As per table**Sampling by : **Pollucon Laboratories Pvt. Ltd.**Protocol (purpose) : **Ambient Air Quality Monitoring**Sample Receipt Date : **20/07/2023**Lab ID : **BLD/2307/01 [A-L]**Date of Starting of Test : **20/07/2023**Date of Completion of Test : **24/07/2023****RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	56.8	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	27.2	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	16.2	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	21.1	80	IS 5182 (Part 6)
5	Ozone (O ₃) [§]	µg/m ³	6.6	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO [§]	mg/m ³	1.06	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	8.2	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS*	IS 5182 (Part 7)

NS*: Not Specified, @Limit as per GPCB Consent Order No.AWH -109249 Issue Date: 14/09/2020 Up to 17/04/2025.

§: Carbon Monoxide as CO & Ozone (O₃) sampling duration 1 hrs. Detection Limit :Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 15 µg/m³, Lead : 0.1 µg/m³,Hydrogen Sulphide as H₂S:6.0 µg/m³, ,Nickel as Ni:5.0 µg/m³, Hydro Chloric Acid as HCl: 5.0 µg/m³.**Ravi Jariwala
Sr. Environmental Scientist****Dr. Arun Bajpai
Lab Manager (Q)**

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**TEST CERTIFICATE**

QF/7.8/38-AQ

Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0087
	Issue Date :	28/07/2023
	Customer's Ref. :	W.O. No. 8523240099 Dated:03.05.2023

Location of Sampling :	Opp. Khetan Industries		
Date of Sampling :	19/07/2023	Sampling Procedure :	As per table
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) :	Ambient Air Quality Monitoring
Sample Receipt Date :	20/07/2023	Lab ID :	BLD/2307/02 [A-L]
Date of Starting of Test :	20/07/2023	Date of Completion of Test :	24/07/2023

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	54.4	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	25.6	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	5.8	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	18.1	80	IS 5182 (Part 6)
5	Ozone (O ₃) [§]	µg/m ³	7.2	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO [§]	mg/m ³	0.96	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	21.2	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS*	IS 5182 (Part 7)

NS*: Not Specified, @Limit as per GPCB Consent Order No.AWH -109249 Issue Date: 14/09/2020 Up to 17/04/2025.

§: Carbon Monoxide as CO & Ozone (O₃) sampling duration 1 hrs. Detection Limit :Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 15 µg/m³, Lead : 0.1 µg/m³,Hydrogen Sulphide as H₂S:6.0 µg/m³, ,Nickel as Ni:5.0 µg/m³, Hydro Chloric Acid as HCl: 5.0 µg/m³.**Ravi Jariwala
Sr. Environmental Scientist****Dr. Arun Bajpai
Lab Manager (Q)**

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

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**TEST CERTIFICATE**

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Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0088
	Issue Date :	28/07/2023
	Customer's Ref. :	W.O. No. 8523240099 Dated:03.05.2023

Location of Sampling :	Nr. EB-2 Borewell	
Date of Sampling :	19/07/2023	Sampling Procedure : As per table
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : Ambient Air Quality Monitoring
Sample Receipt Date :	20/07/2023	Lab ID : BLD/2307/03 [A-L]
Date of Starting of Test :	20/07/2023	Date of Completion of Test : 24/07/2023

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	44.6	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	24.2	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	4.6	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	8.2	80	IS 5182 (Part 6)
5	Ozone (O ₃) [§]	µg/m ³	6.4	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO [§]	mg/m ³	0.90	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	5.6	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS*	IS 5182 (Part 7)

* : Not Specified, @Limit as per GPCB Consent Order No.AWH -109249 Issue Date: 14/09/2020 Up to 17/04/2025.

§ : Carbon Monoxide as CO & Ozone (O₃) sampling duration 1 hrs. Detection Limit :Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂:15 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S:6.0 µg/m³, Nickel as Ni:5.0 µg/m³, Hydro Chloric Acid as HCl: 5.0 µg/m³.**Ravi Jariwala**
Sr. Environmental Scientist**Dr. Arun Bajpai**
Lab Manager (Q)

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

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**TEST CERTIFICATE**

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Page: 1 of 1

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0100
	Issue Date :	28/08/2023
	Customer's Ref. :	W.O. No. 8523240099 Dated:03.05.2023

Location of Sampling :	Nr. Main Gate	Sampling Procedure :	As per table
Date of Sampling :	18/08/2023	Protocol (purpose) :	Ambient Air Quality Monitoring
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Lab ID :	BLD/2308/01 [A-L]
Sample Receipt Date :	19/08/2023	Date of Completion of Test :	25/08/2023
Date of Starting of Test :	19/08/2023		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT[@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	59.4	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	28.4	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	7.6	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	22.6	80	IS 5182 (Part 6)
5	Ozone (O ₃) [§]	µg/m ³	8.2	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO [§]	mg/m ³	0.96	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	16.8	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS*	IS 5182 (Part 7)

NS*: Not Specified, @Limit as per GPCB Consent Order No.AWH -109249 Issue Date: 14/09/2020 Up to 17/04/2025.

§: Carbon Monoxide as CO & Ozone (O₃) sampling duration 1 hrs. Detection Limit :Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 15 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S:6.0 µg/m³, Nickel as Ni:5.0 µg/m³, Hydro Chloric Acid As HCl: 5.0 µg/m³.**Ravi Jariwala
Sr. Environmental Scientist****Dr. Arun Bajpai
Lab Manager (Q)**

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**TEST CERTIFICATE**

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Page: 1 of 1

Customer's Name and Address :

**M/s. BEIL INFRASTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**

Test Report No. : **PL/BLD/23/0101**
Issue Date : **28/08/2023**
Customer's Ref. : **W.O. No. 8523240099**
Dated:**03.05.2023**

Location of Sampling : **Opp. Khetan Industries**
Date of Sampling : **18/08/2023** Sampling Procedure : **As per table**
Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **Ambient Air Quality Monitoring**
Sample Receipt Date : **19/08/2023** Lab ID : **BLD/2308/02 [A-L]**
Date of Starting of Test : **19/08/2023** Date of Completion of Test : **25/08/2023**

RESULT TABLE

Sr. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	61.5	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	30.5	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	10.2	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	24.4	80	IS 5182 (Part 6)
5	Ozone (O ₃) [§]	µg/m ³	12.3	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO [§]	mg/m ³	0.82	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	10.2	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS*	IS 5182 (Part 7)

NS*: Not Specified, @Limit as per GPCB Consent Order No.AWH -109249 Issue Date: 14/09/2020 Up to 17/04/2025.

§: Carbon Monoxide as CO & Ozone (O₃) sampling duration 1 hrs. Detection Limit :Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 15 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S:6.0 µg/m³, Nickel as Ni:5.0 µg/m³, Hydro Chloric Acid As HCl: 5.0 µg/m³.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager (Q)

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Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0102
	Issue Date :	28/08/2023
	Customer's Ref. :	W.O. No. 8523240099 Dated:03.05.2023

Location of Sampling :	Nr. EB-2 Borewell	Sampling Procedure :	As per table
Date of Sampling :	18/08/2023	Protocol (purpose) :	Ambient Air Quality Monitoring
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Lab ID :	BLD/2308/03 [A-L]
Sample Receipt Date :	19/08/2023	Date of Completion of Test :	25/08/2023
Date of Starting of Test :	19/08/2023		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT[@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	56.8	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	24.2	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	9.6	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	18.1	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	7.2	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO ^S	mg/m ³	0.74	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	12.4	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS*	IS 5182 (Part 7)

*: Not Specified, @Limit as per GPCB Consent Order No.AWH -109249 Issue Date: 14/09/2020 Up to 17/04/2025.

S: Carbon Monoxide as CO & Ozone (O₃) sampling duration 1 hrs. Detection Limit :Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂:15 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S:6.0 µg/m³, Nickel as Ni:5.0 µg/m³, Hydro Chloric Acid As HCl: 5.0 µg/m³.**Ravi Jariwala
Sr. Environmental Scientist****Dr. Arun Bajpai
Lab Manager (Q)**

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**TEST CERTIFICATE**

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Page: 1 of 1

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0114
	Issue Date :	28/09/2023
	Customer's Ref. :	W.O. No. 8523240099 Dated:03.05.2023

Location of Sampling :	Nr. Main Gate	Sampling Procedure :	As per table
Date of Sampling :	18/09/2023	Protocol (purpose) :	Ambient Air Quality Monitoring
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Lab ID :	BLD/2309/01 [A-L]
Sample Receipt Date :	19/09/2023	Date of Completion of Test :	25/09/2023
Date of Starting of Test :	19/09/2023		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	62.4	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	28.9	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	9.6	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	19.3	80	IS 5182 (Part 6)
5	Ozone (O ₃) [§]	µg/m ³	13.4	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO [§]	mg/m ³	0.96	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	15.2	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS [*]	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS [*]	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS [*]	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS [*]	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS [*]	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS [*]	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS [*]	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS [*]	IS 5182 (Part 7)

NS*: Not Specified, @Limit as per GPCB Consent Order No.AWH -109249 Issue Date: 14/09/2020 Up to 17/04/2025.

§: Carbon Monoxide as CO & Ozone (O₃) sampling duration 1 hrs. Detection Limit :Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 15 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S:6.0 µg/m³, Nickel as Ni:5.0 µg/m³, Hydro Chloric Acid As HCl: 5.0 µg/m³.**Ravi Jariwala
Sr. Environmental Scientist****Dr. Arun Bajpai
Lab Manager(Q)**

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

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

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

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

**TEST CERTIFICATE**

QF/7.8/38-AQ

Page: 1 of 1

Customer's Name and Address :

**M/s. BEIL INFRASTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**

Test Report No. : **PL/BLD/23/0115**
Issue Date : **28/09/2023**
Customer's Ref. : **W.O. No. 8523240099**
Dated:**03.05.2023**

Location of Sampling : **Opp. Khetan Industries**
Date of Sampling : **18/09/2023** Sampling Procedure : **As per table**
Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **Ambient Air Quality Monitoring**
Sample Receipt Date : **19/09/2023** Lab ID : **BLD/2309/02 [A-L]**
Date of Starting of Test : **19/09/2023** Date of Completion of Test : **25/09/2023**

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	60.3	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	29.9	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	8.2	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	20.1	80	IS 5182 (Part 6)
5	Ozone (O ₃) [§]	µg/m ³	18.4	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO [§]	mg/m ³	0.90	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	14.2	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS [*]	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS [*]	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS [*]	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS [*]	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS [*]	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS [*]	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS [*]	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS [*]	IS 5182 (Part 7)

NS*: Not Specified, @Limit as per GPCB Consent Order No.AWH -109249 Issue Date: 14/09/2020 Up to 17/04/2025.

§: Carbon Monoxide as CO & Ozone (O₃) sampling duration 1 hrs. Detection Limit :Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 15 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S:6.0 µg/m³, Nickel as Ni:5.0 µg/m³, Hydro Chloric Acid As HCl: 5.0 µg/m³.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

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

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

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

**TEST CERTIFICATE**

QF/7.8/38-AQ

Page: 1 of 1

Customer's Name and Address :

**M/s. BEIL INFRASTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**

Test Report No. : **PL/BLD/23/0116**
Issue Date : **28/09/2023**
Customer's Ref. : **W.O. No. 8523240099**
Dated:**03.05.2023**

Location of Sampling : **Nr. EB-2 Borewell**Date of Sampling : **18/09/2023**Sampling by : **Pollucon Laboratories Pvt. Ltd.**Sample Receipt Date : **19/09/2023**Date of Starting of Test : **19/09/2023**Sampling Procedure : **As per table**Protocol (purpose) : **Ambient Air Quality Monitoring**Lab ID : **BLD/2309/03 [A-L]**Date of Completion of Test : **25/09/2023****RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	56.3	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	26.2	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	7.2	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	16.4	80	IS 5182 (Part 6)
5	Ozone (O ₃) [§]	µg/m ³	14.8	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO [§]	mg/m ³	0.82	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	14.5	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS [*]	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS [*]	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS [*]	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS [*]	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS [*]	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS [*]	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS [*]	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS [*]	IS 5182 (Part 7)

* : Not Specified, @Limit as per GPCB Consent Order No.AWH -109249 Issue Date: 14/09/2020 Up to 17/04/2025.

§ : Carbon Monoxide as CO & Ozone (O₃) sampling duration 1 hrs. Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC: 50 µg/m³, Chlorine as Cl₂: 15 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S: 6.0 µg/m³, Nickel as Ni: 5.0 µg/m³, Hydro Chloric Acid As HCl: 5.0 µg/m³.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

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



o/c

BEIL INFRASTRUCTURE LIMITED
(formerly known as Bharuch Enviro Infrastructure Limited)
Unit - Dahej

BEIL/DHJ/2023-24/23

Date: 27.06.2023

PCB ID # 14983

To,
Unit Head,
Hazardous waste cell,
Gujarat Pollution control board,
Paryavaran Bhavan,
Sector-10-A,
Gandhinagar- 382010

Sub.: Compliance of Monsoon Planning for Monitoring & Control of pollutions (Pre-Processing / Incinerator)

Ref.: Yours Letter no. GPCB/HAZ-GEN-294(9)/741887 date: 12 May 2023.

Having received your above referred letter on 18 May 2023, we herewith submit the compliance status of Monsoon Planning for Monitoring & Control of pollutions as Annexure – A.

We have enclosed the onsite emergency management plan and Annual return in Form 4 under Hazardous and Other Wastes 2016 with our compliance letter no BEIL/DHJ/2023-24/21 dated 26-06-2023. We have also uploaded Form 4 on XGN.

We hope the compliance adequately meets your guideline for monsoon management.

Thanking you,

Yours faithfully,
For **BEIL Infrastructure Limited**

[Signature]
Authorized Signatory

[Signature]
Post Received
Gujarat Pollution Control Board
BHARUCH
28/6/23

C.C: Regional Officer,
Gujarat Pollution Control Board
Bharuch



o/c

BEIL INFRASTRUCTURE LIMITED
(formerly known as Bharuch Enviro Infrastructure Limited)
Unit - Dahej

BEIL/DHJ/2023-24/23

Date: 27.06.2023

PCB ID # 14983

To,
Unit Head,
Hazardous waste cell,
Gujarat Pollution control board,
Paryavaran Bhavan,
Sector-10-A,
Gandhinagar- 382010

Sub.: Compliance of Monsoon Planning for Monitoring & Control of pollutions (Pre-Processing / Incinerator)

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We hope the compliance adequately meets your guideline for monsoon management.

Thanking you,

Yours faithfully,

For **BEIL Infrastructure Limited**


Authorized Signatory

C.C: Regional Officer,
Gujarat Pollution Control Board
Bharuch


30/06/23
Gujarat Pollution Control Board
Head Office
Sector No.-10-A,
Gandhinagar-382010

CIN NO. U45300GJ1997PLC032696

Works Office : Plot No. D-43, Dahej Amod Road, GIDC Estate, Dahej, T. Vagra - 392 130, Dist. Bharuch (Gujarat)
Phone : (02641) 291129, E-mail : mistryrg@beil.co.in
Regd. Office : Plot No. 9701-16, GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)
Phones (02646) 253135, 225228 Fax : (02642) 222849 E-mail : dalwadibd@beil.co.in

Ref.: BEIL/DHJ/OEP/2023-24

May 20, 2023

To,

Dy. Director of Industrial Safety and Health,
2nd Floor, Multi-storied Building,
Bharuch.

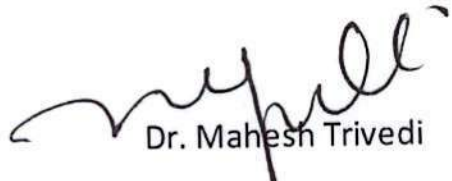
Subject: Submission of On-Site Emergency Plan for the year 2023-24.

Respected Sir,

Herewith, we are submitting the "On-Site Emergency Plan" updated in March-2023 for the year of 2023-24.

This is for your kind information & record please.

Thanking you,
For, BEIL Infrastructure Limited, Dahej.


Dr. Mahesh Trivedi
(Plant Head)




20/5/2023
નાવલ નિયામક ઓફીસ
સલામતિ અને સ્વાસ્થ્ય
ભરૂચ



BEIL Infrastructure Limited

ONSITE EMERGENCY PLAN

Update On March, 2023

Plot No # D-43, GIDC Industrial Estate, Dahej – 392130

Ta – Vagra, Dist – Bharuch, Gujarat

On-Site Emergency Plan of M/s BEIL Infrastructure Ltd. Dahej

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May 19, 2023

To,

Dy. Director of Industrial Safety and Health,
2nd Floor, Multi-storied Building,
Bharuch.

Subject: Submission of Mock Drill report

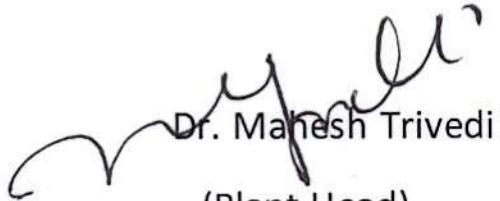
Respected Sir,

Herewith, we are submitting the "Mock Drill report" which was carried out on 15th March-2023.


This is for your kind information & record please.

Thanking you,

For, BEIL Infrastructure Limited- Dahej.


Dr. Mahesh Trivedi
(Plant Head)




20/05/2023
સહાયક નિયામક કીર્તીબેન
સલામતિ અને સ્વાસ્થ્ય
ભરૂચ



BEIL Infrastructure Limited

(FORMERLY KNOWN AS BHARUCH ENVIRO INFRASTRUCTURE
LIMITED)

DISASTER MANAGEMENT PLAN

Update On February, 2020

Plot No # D-43, GIDC Industrial Estate, Dahej – 392130

Ta – Vagra, Dist – Bharuch, Gujarat

On-Site Emergency Plan of M/s BEIL Infrastructure Ltd. Dahej

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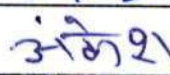

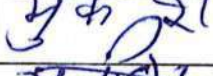
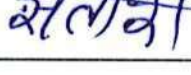
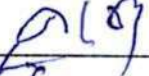

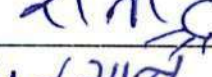
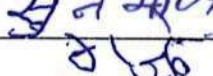
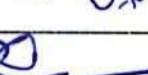


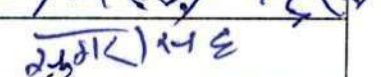

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TRAINING CALENDAR FOR THE YEAR 2023													
SR.NO	SUBJECTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	Operation of fire hydrant System			•			•			•			•
2	Use of Fire Extinguisher		•			•			•			•	
3	Use of PPEs	•			•			•			•		
4	Safety Awareness			•			•			•			•
5	Material Handling		•			•			•			•	
6	General Safety Awareness	•			•			•			•		
7	Behaviour Safety			•			•			•			•
8	Height work permit		•			•			•			•	
9	Hot work Permit	•			•			•			•		
10	LOTO			•			•			•			•
11	Excavation Permit		•			•			•			•	
12	On site emergency plan	•			•			•			•		

BEIL INFRASTRUCTURE LTD-DAHEJ**INTERNAL/EXTERNAL/INDUCTION TRAINING ATTENDANCE SHEET**

Date:	17/03/2023
Time:	16:00
Faculty:	Mehul, Muryu
Venue:	landfill
Topic:	USE off PPEs, Behaviour safety

Sr. No	Name of Participants	Department	Signature
1	Wahid Khan	Landfill	
2	Amkesh	Landfill	
3	Ronjit Rathod	Landfill	
4	Mukesh	Landfill	
5	Stish	Landfill	
6	Dunji	Sector	
7	Sapshi	Landfill	
8	Seethon Sulpense	Landfill	
9	Sulman	Landfill	
10	Gaganendra	Landfill	
11	Ramesh	Landfill	
12	NASIR MUSEN	Landfill	
13	Vikram	Ridhi	
14	Sugar Singh Pal	Landfill	

TEST CERTIFICATE FOR NOISE MONITORING

QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0047
	Issue Date : 08/05/2023
	Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022

NOISE LEVEL MONITORING REPORT

Sampling Date	: 28/04/2023
Test Method	: IS 9876 / IS 9989
Sampling Location	: As per table
Sampling By	: Pollucon Laboratories Pvt. Ltd.
Protocol (purpose)	: Environmental Monitoring

RESULT TABLE

SR. NO.	SAMPLING LOCATION	OBSERVATIONS	
		DAY Time dB(A)	NIGHT Time dB(A)
1	Near Main Gate	65.8	57.8
2	Behind Admin Building	60.4	56.2
3	Near EB-1 Bore well	61.5	52.1
4	Behind Landfill Cell No-04	57.3	45.2
5	Near Drum shed Area	67.2	59.5
6	Opposite Khetan Industries	61.9	52.1
7	Near stabilization Plant	63.8	54.2
8	Near DG Set	67.3	59.4
9	Near Monsoon Shed (New)	62.4	49.3
GPCB CONSENT LIMIT#		75 dB (A)	70 dB (A)

#As per consent order No. AWH -109249 Issue Date: 14/09/2020 Up to 17/04/2025.

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


Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

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

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

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

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

TEST CERTIFICATE FOR NOISE MONITORING

QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :

M/s. BEIL INFRATSTRCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0067A Issue Date : 27/05/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
--	---

NOISE LEVEL MONITORING REPORT

Sampling Date	: 17/05/2023
Test Method	: IS 9876 / IS 9989
Sampling Location	: As per table
Sampling By	: Pollucon Laboratories Pvt. Ltd.
Protocol (purpose)	: Environmental Monitoring

RESULT TABLE

SR. NO.	SAMPLING LOCATION	OBSERVATIONS	
		DAY Time dB(A)	NIGHT Time dB(A)
1	Near Main Gate	67.8	54.8
2	Behind Admin Building	60.6	53.8
3	Near EB-1 Bore well	64.3	50.5
4	Behind Landfill Cell No-04	60.8	42.3
5	Near Drum shed Area	65.2	57.7
6	Opposite Khetan Industries	62.8	50.8
7	Near stabilization Plant	65.7	51.1
8	Near DG Set	66.8	54.8
9	Near Monsoon Shed (New)	60.3	47.3
GPCB CONSENT LIMIT#		75 dB (A)	70 dB (A)

#As per consent order No. AWH -109249 Issue Date: 14/09/2020 Up to 17/04/2025.

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


Ravi Jariwala
Sr. Environmental Scientist

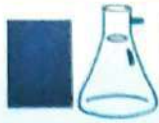

Dr. Arun Bajpai
Lab Manager (Q)

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

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

**TEST CERTIFICATE FOR NOISE MONITORING**

Customer's Name and Address :

QF/7.8/37-EX

Page: 1 of 1

**M/s. BEIL INFRASTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**Test Report No. : **PL/BLD/23/0077**Issue Date : **05/07/2023**Customer's Ref. : **W.O. No. 8523240099
Dated:03.05.2023****NOISE LEVEL MONITORING REPORT****Sampling Date : 23/06/2023
Test Method : IS 9876 / IS 9989
Sampling Location : As per table
Sampling By : Pollucon Laboratories Pvt. Ltd.
Protocol (purpose) : Environmental Monitoring****RESULT TABLE**

SR. NO.	SAMPLING LOCATION	OBSERVATIONS	
		DAY Time dB(A)	NIGHT Time dB(A)
1	Near Main Gate	64.4	53.1
2	Behind Admin Building	62.1	52.8
3	Near EB-1 Bore well	66.9	49.4
4	Behind Landfill Cell No-04	62.2	42.1
5	Near Drum shed Area	67.1	59.4
6	Opposite Khetan Industries	61.4	52.9
7	Near stabilization Plant	64.9	48.5
8	Near DG Set	68.1	52.1
9	Near Monsoon Shed (New)	62.5	46.2
GPCB CONSENT LIMIT#		75 dB (A)	70 dB (A)

#As per consent order No. AWH -109249 Issue Date: 14/09/2020 Up to 17/04/2025.

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

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

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

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

TEST CERTIFICATE FOR NOISE MONITORING

QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :

**M/s. BEIL INFRASTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**

Test Report No. : **PL/BLD/23/0099**

Issue Date : **28/07/2023**

Customer's Ref. : **W.O. No. 8523240099
Dated:03.05.2023**

NOISE LEVEL MONITORING REPORT

Sampling Date : **19/07/2023**
 Test Method : **IS 9876 / IS 9989**
 Sampling Location : **As per table**
 Sampling By : **Pollucon Laboratories Pvt. Ltd.**
 Protocol (purpose) : **Environmental Monitoring**

RESULT TABLE

SR. NO.	SAMPLING LOCATION	OBSERVATIONS	
		DAY Time dB(A)	NIGHT Time dB(A)
1	Near Main Gate	66.1	56.8
2	Behind Admin Building	64.7	54.2
3	Near EB-1 Bore well	64.2	56.8
4	Behind Landfill Cell No-04	52.4	43.3
5	Near Drum shed Area	65.3	57.7
6	Opposite Khetan Industries	62.2	54.1
7	Near stabilization Plant	66.7	51.6
8	Near DG Set	69.4	50.3
9	Near Monsoon Shed (New)	61.1	44.1
GPCB CONSENT LIMIT#		75 dB (A)	70 dB (A)

#As per consent order No. AWH -109249 Issue Date: 14/09/2020 Up to 17/04/2025.

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



Ravi Jariwala
Sr. Environmental Scientist



Dr. Arun Bajpai
Lab Manager (Q)

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

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

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

TEST CERTIFICATE FOR NOISE MONITORING

QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0105 Issue Date : 28/08/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
--	--

NOISE LEVEL MONITORING REPORT

Sampling Date	: 18/08/2023
Test Method	: IS 9876 / IS 9989
Sampling Location	: As per table
Sampling By	: Pollucon Laboratories Pvt. Ltd.
Protocol (purpose)	: Environmental Monitoring

RESULT TABLE

SR. NO.	SAMPLING LOCATION	OBSERVATIONS	
		DAY Time dB(A)	NIGHT Time dB(A)
1	Near Main Gate	61.3	54.1
2	Behind Admin Building	59.9	52.2
3	Near EB-1 Bore well	63.2	53.7
4	Behind Landfill Cell No-04	59.8	42.6
5	Near Drum shed Area	68.4	60.4
6	Opposite Khetan Industries	62.7	50.3
7	Near stabilization Plant	63.2	54.8
8	Near DG Set	69.8	58.7
9	Near Monsoon Shed (New)	64.2	48.8
GPCB CONSENT LIMIT#		75 dB (A)	70 dB (A)

#As per consent order No. AWH -109249 Issue Date: 14/09/2020 Up to 17/04/2025.

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



Ravi Jariwala
Sr. Environmental Scientist



Dr. Arun Bajpai
Lab Manager (Q)

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

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

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

TEST CERTIFICATE FOR NOISE MONITORING

QF/7.8/37-EX
Page: 1 of 1

Customer's Name and Address :

**M/s. BEIL INFRASTRUCTURE LTD,
PLOT NO.D-43, GIDC, DAHEJ,
DAHEJ-392130, TAL :- VAGRA,
DISIT: BHARUCH**

Test Report No. : **PL/BLD/23/0118**

Issue Date : **28/09/2023**

Customer's Ref. : **W.O. No. 8523240099
Dated:03.05.2023**

NOISE LEVEL MONITORING REPORT

Sampling Date : **19/09/2023**
 Test Method : **IS 9876 / IS 9989**
 Sampling Location : **As per table**
 Sampling By : **Pollucon Laboratories Pvt. Ltd.**
 Protocol (purpose) : **Environmental Monitoring**

RESULT TABLE

SR. NO.	SAMPLING LOCATION	OBSERVATIONS	
		DAY Time dB(A)	NIGHT Time dB(A)
1	Near Main Gate	60.8	53.4
2	Behind Admin Building	58.6	50.7
3	Near EB-1 Bore well	62.1	55.5
4	Behind Landfill Cell No-04	56.4	42.2
5	Near Drum shed Area	69.3	64.3
6	Opposite Khetan Industries	62.4	53.4
7	Near stabilization Plant	65.7	54.8
8	Near DG Set	69.4	59.5
9	Near Monsoon Shed (New)	63.6	49.9
GPCB CONSENT LIMIT#		75 dB (A)	70 dB (A)

#As per consent order No. AWH -109249 Issue Date: 14/09/2020 Up to 17/04/2025.

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


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager(Q)

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



NOTE: PREVIOUSLY PLAN APPROVED BY DIR/IS & H/F-PLAN WIDE LETTER NO-1606 DATE : 01-07-2021 (AS PLEASE CANCELED PREVIOUSLY APPROVED PLAN)

KEY PLAN
SCALE:-1:CM=40MT.

SITE PLAN
SCALE:-1:10MT.

SR.NO.	PLANTS/LOCATIONS	AREA IN M2
1	LANDFILL	1,27,964 M2
2	ALL PLANT AREA	76,000 M2
3	LABORATORY	213 M2
4	ADMIN BLOCK	222 M2
5	ROAD/PAVED AREA	18,120 M2
6	OPEN LAND	30,128 M2
7	GREEN BELT	52,500 M2
8	TOTAL AREA	3,05,146.881 M2

- BLDG.NAME**
- SECURITY CABIN(EXT.)
 - ADMIN BUILDING(EXT.)
 - MCC ROOM & LUNCH ROOM(EXT.)
 - WEIGH BRIDGE+ CABIN
 - FRESH WATER TANK(EXT.)
 - STABILIZATION SHED(EXT.)
 - DUMPER TYER WASHING
 - LEACHATE COLLECTION TANK+ MCC ROOM(EXT.)
 - EFFLUENT TANK
 - TANKER DE-CONTAMINATION SHED(EXT.)
 - DRUM DE-CONTAMINATION SHED, DRUM STACKING PLATFORM, ETP TANK(EXT.)
 - FIRE WATER TANK(EXT.)
 - ELE. ROOM + D.G.SHED(EXT.)
 - CONDENSATE WATER TANK(EXT.)
 - AQUEOUS WASTE STORAGE TANK(EXT.)
 - CENTRIFUGE SHED
 - MEE PLANT & MCC ROOM(EXT.)
 - COOLING TOWER
 - BOILER SHED & F.O. TANK(EXT.)
 - CANTEEN BLDG.
 - ELE. ROOM
 - HT BREAKER ROOM&ELE.YARD(EXT.)
 - SPRAY DRYING PLANT(EXT.)
 - GAS STATION
 - TOILET BLOCK
 - D.M.PLANT
 - STRIPPER PLANT
 - MONSOON SHED
 - TOILET BLOCK(EXT.)
 - MEE CONDENSATE&R.O.PLANT(EXT.)
 - AERATION TANK(EXT.)
 - CLARIFIER TANK 1 & 2(EXT.)
 - ENGINEERING STORE
 - CONTROL ROOM (EXT.)
 - LIME STORAGE GODOWN & PREPARATION AREA (EXT.)
 - 1100KL FIRE WATER TANK (EXT.)
 - SOLID WASTE STORAGE SHED
 - SEMI SOLID WASTE STORAGE SHED
 - HCV WASTE STORAGE SHED
 - CO.PROCESSING SHED
 - CHIMNEY (EXT.)
 - ROTARY KILN,SECONDARY COMBUSTION CHAMBER& WASTE HEAT RECOVERY BOILER UNIT (EXT.)
 - SMP BLDG. COMPRESSOR BLDG.(EXT.)
 - SPARY DRYER(EXT.)
 - BAG FILTER HOUSE+ SCRUBBER(EXT.)
 - LIQUID CO-PROCESSING SHED& STORAGE TANK FARM(EXT.)
 - WORK SHOP BLDG.
 - WORKERS WASH ROOM
 - OHC BLDG.
 - D.G. AREA

- COLOUR CODE**
1. PLOT BOUNDARY IS SHOWN
 2. APPROVED AREA IS SHOWN
 3. EXTENSION AREA IS SHOWN
 4. TOILET BLOCK
 5. CLOAK ROOM
 6. CANTEEN
 7. FIRE EXTINGUISHER
 8. FIRE HYDRANT LINE IS SHOWN

REVISED WITH EXTENSION FACTORY BLDG. WITH M/C LAY OUT
BEIL INFRASTRUCTURE LTD.
PLOT NO : 43
G.I.D.C., DAHEJ
TAL:- VAGRA
DIST : BHARUCH.
SIGN OF OWNER

Tree Plantation Photographs







Photographs of Drip Irrigation



દહેજ ગામ પંચાયત



DAHEJ GAM PANCHAYAT

મુ.પો. દહેજ, તા. વાગરા, જી. ભરૂચ.

AT. & Po. DAHEJ, TA. VAGRA, DIST. BHARUCH.

CP-5-18

તા. ૬ - ૬ - ૨૦૧૮

પ્રતિ શ્રી,

મેનેજર ફી

ભરૂચ એન્જીનિયરિંગ કોલેજ લિમિટેડ.

પ્લોટ નંબર ડી. ૪૩

દહેજ

વિષય - મોજે દહેજ ઈન્ડસ્ટ્રીયલ એન્ડેટ સ્થીત નંબર
ના વિસ્તારે માં લૂકા રોયલ નું આયોજન આપવા
બાબત.

રેકર્ડ નંબર - આપનો તા. ૩૧/૧૧/૧૮ નો પત્ર.
અમારી ગામ પંચાયત સામુહિક રીતે વલેના પાંચ (૫)
વર્ષ માં આપની કંપની પકી અને ગામ પંચાયત પકી નીચે
મુજબનું આયોજન કરેલ છે.

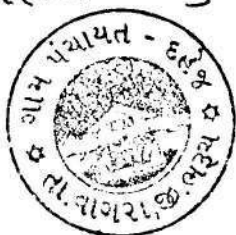
- (૧) બાલીયાદેવ મંદિર તથા ભાર્યી મુખ્ય મંદિર વર્ષ ૨૦૧૬-૧૭
- (૨) ભુવનરાય ટેમ્પલ વર્ષ ૨૦૧૯-૨૦૨૦
- (૩) હોડા પુર્ણમુલ વર્ષ ૨૦૨૦-૨૦૨૧
- (૪) દહેજ ચોકડી થી ગામ મુઘી વર્ષ ૨૦૨૧-૨૦૨૨
- (૫) રામયુ મંદિર વર્ષ ૨૦૨૨-૨૩

લૂકા રોયલ માટે જરૂરી છોડ તથા છોડના અર્થ માટે ફી
પ્રોવિઝન કંપની દવારા પુરા પાડવાના રહેશે.

આભાર મુ.

જવહરપતિ આર અહા

સરપંચ
ગામ પંચાયત - દહેજ
તા. વાગરા, જી. ભરૂચ





Ref. BEIL/DAHEJ/2015

30th July, 2014

PCB-ID: 40137

To,
 Ministry of Environment, Forest and Climate Change,
 Regional Office, Western Region,
 Kendriya Paryavaran Bhavan,
 Link road.3
 E-5, Ravishankar Nagar
 Bhopal-462016

Kind Attn: Dr. A. Mehtrotra, Director (s)

Subject: Compliance with point no. 64 and 70 of Environmental ClearanceReference: Environmental Clearance order no. SEIAA/GUJ/EC/7(D)/227/2013, Dated: 22/07/2013

Dear Sir;

Bharuch Enviro Infrastructure Ltd., is a Secured Landfill Facility for Hazardous waste at Dahej Industrial Estate. We had received our Environmental Clearance for our TSDF and MEE facility at Plot no. D-43, Dahej Industrial Estate, Tal. Vagra, Dist. Bharuch (Gujarat) in category 7(d) of Schedule annexed with EIA Notification dated 14/09/2006, vide order no. SELAA/GUJ/EC/7(D)/227/2013, Dated: 22/07/2013.

We would like to submit the following information in compliance to Point No.64 & 70 of the said Environment Clearance.

- | | | |
|--|---|----------------------------|
| 1. Date of Application for loan | : | 24.10.2013 |
| 2. Financial Closure (Date of Sanction of Loan) | : | 07.03.2014 (Copy Attached) |
| 3. Drawings Approved by IIT, Delhi on | : | 21.10.2013 (Copy Attached) |
| 4. Land Development and construction work Started on | : | 13.09.2014 |
| 5. Date of Commissioning | : | 29.04.2015 |

Please consider the above details. Copy of Environmental Clearance Attached.

Thanking you,

For, Bharuch Enviro Infrastructure Ltd. (Dahej Unit)

B. D. Dalwadi
 Chief Executive Officer

Post Received
 Gujarat Pollution Control Board
 BHARUCH

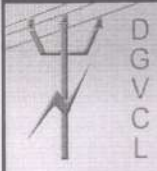
C.C: (1) State Level Environment Impact Assessment Authority
 Gujarat Pollution Control Board,
 "Paryavaran Bhavan" Sector 10-A,
 Gandhinagar - 382010.

(2) Mr. K. C. Mistry - Sr. Environment Engineer, GPCB, Gandhinagar

(3) The Regional Officer, GPCB, Bharuch

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 : panjwani@uniphos.com
 Regd. Office : Plot No. 117-118, GIDC Estate, Ankleshwar 393 002, Dist.: Bharuch. (Gujarat)



DGVCL

DAKSHIN GUJARAT VIJ COMPANY LIMITED



DGVCL DAHEJ SUB DIVISION OFFICE

66KV DAHEJ SS COMPOUND, DAHEJ-AMOD CHOWKDI, PORT ROAD, DAHEJ-392130 PH.NO.02641-256123, 8758338214

DHJ/TECH/ 2454

Date:- 20/09/2018

No. Dahej/O&M/Estt/Tech/Billing ²⁴/₂₀₁₈

Dakshin Gujarat Vij Co. Ltd.

O & M Sub. Division, Dahej.

Appreciation Letter

To,

✓ M/s. Bharuch Enviro Infrastructure Ltd.,
P.No. D-43, GIDC Estate,
Dahej Ta. Vagra, Dist. Bharuch.

Sub.:-Appreciation Regarding Tree plantation at DGVCL, Dahej sdn office.

With reference to the above subject M/s. Bharuch Enviro Infrastructure Ltd. had arranged tree plantation program on dated:21.08.18 as per this office request in our office premises. We are very thankful of M/s. Bharuch Enviro Infrastructure Ltd. for this noble "Save Environment" activity.

Thanking you.

Deputy Engineer (O&M)
Dahej S/Dn,
DGVCL



વાવ ગામ પંચાયત

મુ.પો. વાવ. તા. વાગરા. જી. ભરૂચ.

ક્રમાંક :

જવલ નં.

CP-117

તા. - - - ૨૦૧૧

પતિ શ્રી,

શ્રી મેનેજર અફિસ

C S R યુ.પી એલ લીમિટેડ

આપી અમે આપનો આભાર વ્યક્ત કરતા આનંદ અને ગૌરવની લાગણીઓ અનુભવીએ છીએ કે યુ.પી.એલ કંપની દ્વારા. અમારા ગામની આવેલી ગાંધી કમીનમાં C એકર પહોંચીકરણની કામગીરી કરેલ છે.

જે યુ.પી.એલ કંપની અને BEAL દ્વારા કચ્છમાં આવેલ પહોંચીકરણની તકિદમાં પહોંચીકરણ અને લોકોની સુવિધાકારીમાં એકમ તેજા આરા પરીણામ આવશે એવું અમારું માનવું છે. આવી કરીને અમારા ગામના અન્ય લોકોની સુવિધાકારીના કામો કરતા જે આ એવી અમે તમારીપાસે અપેક્ષા રાખીએ છીએ, અને અમે તમારો અમારા ગામ તથા ગ્રામ પંચાયત તરફથી તમારો હૃદયપૂર્વક આભાર માનીએ છીએ. કૃત્ય હીંદ કૃત્યભારત.

મુરખંચ

ગામ પંચાયત - વાવ
તા. વાગરા, જી. ભરૂચ

ડાક્ટોર મોરણજી

તા. 03 - 06 - 2016

પ્રતિ શ્રી,

રિપોર્ટ

ગ્રામ પંચાયત નાંદરખા
તા- વાગરા, જિ- ભરૂચ

વિષય:- વૃક્ષ સંરક્ષણ બધી સ્થળો બાબત.

અવિનય સહ ઉપરોક્ત વિષયને સ્વચ્છતાને લક્ષી જાળાવવાનું કે નોર્થ ગામ નાંદરખા તા- વાગરાના ગામે વૃક્ષો લાલેલ છે. તેમજ માધુ વડે દરમ્યાન થયેલ વૃક્ષોનું વાલેનર સંપાનું થાય છે. તો સ્થાની ગ્રામ પંચાયતને વૃક્ષ સંરક્ષણ બધી નબળા. સ્થાપણ સ્થાપ માટે સી ને સ્થાની ગમ્ભીરી સ્થાને છે.

Kodem.S
સહી કમ મંત્રી
ગામ પંચાયત - નાંદરખા
તા. વાગરા, જિ. ભરૂચ

Kodem.S
સરપંચ
ગામ પંચાયત-નાંદરખા
તા. વાગરા, જિ. ભરૂચ



BHARUCH ENVIRO INFRASTRUCTURE LTD.

Pad Copy

Plot No - 43,G.I.D.C Dahej - 392 130

CHALLAN CUM GATE PASS (NON -RETURNABLE)

Phone : 02641-291129

NO. 0228

M/s. Nandarkha Gram Panchayat
Village - Nandarkha
To - Vagra
Dis - Bharuch

Date : 03/08/2019

Carrier: GJ 36 W 7383

L.R.No.: _____

Date : 03/08/2019

Sr. No.	Item Description	Quantity	Purpose	
1	Tree Guard (CSR activity)	40 NOS	Loan Sample Party Goods Empty Carbo Drums/Cylinders Others	For Tree plantation at Village Nandarkha Te. Vagra Regard by Padyanaraj C BJP Yuvak Morche President
Prepared by G. P. Requested by <u>Dhamesh</u>	Authorised by <u>Rajesh Mishra</u>	Security Dept.	1 Please return duplicate copy while receiving materials. Received the items stated above in good condition and as per quantity <u>[Signature]</u> Receiver's Signature with Stamp	
Dept. <u>CSR</u>	Permitted by	Out <u>10/08/19</u>		
		In		
		Checked by <u>Anand</u>		



ગાંધારત

ગામ પંચાયત કડોદરા

મુ.પો. કડોદરા, તા. વાગરા. જી. ભરૂચ.

સરપંચ : અરવિંદભાઈ સી. પરમાર M. 9998821712

ક્રમાંક :

જા.નંબર :

દાખલો

તા. ૨૬ - ૧૦ - ૨૦૨૦

પ્રતિ શ્રી,

BEIL Infrastructure Ltd.
Dahel.

જેવું ભારત સરકારે જાહેરાત કરી કે કડોદરા તા. વાગરા, જિ. ભરૂચ ના ગામે આપણી કંપનીને જાઈ આઈ આઈ એલ ઇન્ફ્રાસ્ટ્રક્ચર લિમિટેડને વાસ્તવિકતામાં આપણા ગામે પાણી-આપણે જે બદલ આપણા પંચાયત આભાર વ્યક્ત કરી છે વધુમાં ફરીથી કોઈ જરૂરીયાત ઉભી થાય તે આપ આમને આપણા ભલામણ કરીએ છીએ

" સરકાર બદલ આભાર "

પરમાર અરવિંદ સી
સરપંચ
ગામ પંચાયત-કડોદરા
તા. વાગરા, જી. ભરૂચ

TREE PLANTATION AT COMPOST SITE IN DAHEJ





PROCEDURE TO BE FOLLOWED FOR LANDFILL MEMBERSHIP

01. Application in standard form (Available at BEIL)
02. Document to be submitted with Application.
 - (i) List of Directors.
 - (ii) List of Raw Materials.
 - (iii) Effluent Treatment flow sheet diagram on letter head
 - (iv) Solid Waste storage facility details & storage capacity with Storage shed Picture on letter head.
 - (v) Plant layout with highlight of storage area.
 - (vi) Authorization (Solid Waste) copy of GPCB.
 - (vii) Sludge Analysis Report by approved Laboratory by GPCB.
 - (viii) SSI Certificate (MSME) & Udyam Registration Certificate
 - (ix) Plot Allotment Letter.
 - (x) Board Resolution / Partnership Deed Copy
 - (xi) Payment details E.g. - cheque or details of online payment transaction.
 - (xii) E –Stamp RS.300/- with first party company's name and second party BEIL Infrastructure Limited, for landfill agreement purpose.
 - (xiii) Membership form with proper filled information along with authorize signature and stamp
 - (xiv) GST Acknowledgment No:-
 - (xv) Aadhar card of authorized signatory
 - (xvi) CA certificate of investment with turnover detail.
03. On clearance / scrutinize of Application, fees to be paid by **Cheque / D.D / RTGS / NEFT payable at Ankleshwar (Capacity Commitment Charge / Member Ship Fess Non Refundable).**
 - (a) **Bharuch District - Small Scale Member**
 - Rs.1200/- Per MT Annual Quantity for SSI Member – Maximum Rs.2 Lacs.
 - Rs.500/- Extra as Admin Charge For Agreement Notary purpose.
 - GST @ 18% (CGST @ 9% and SGST @ 9%)
04. On clearance / scrutinize of Application, fees to be paid by **Cheque / D.D / RTGS / NEFT payable at Ankleshwar.**
05. **RS.300/- E-Stamp with your organization name and BEIL Infrastructure Ltd. , submitted to BEIL.** After submission of stamp papers, after 15-20 days for agreement. Please contact the following address:

Mr. Rajeev Mathur
BEIL INFRASTRUCTURE LTD.
Plot No.9701-9716, GIDC Inds. Estate,
Ankleshwar – 393 002.
Tel. No.(02646) 253135, 225228
06. Agreement to be signed by Authorised person approved by members Board of Directors proof to be submitted.
07. BEIL will issue a **certificate** after signing Agreement.
08. Member has to obtained a valid authorisation from GPCB mentioning permission disposal of solid waste at BEIL. Its copy to be submitted to BEIL otherwise waste not be accepted.
09. A TREM CARD to be submitted to BEIL and to be used for every consignment of waste.
10. Operation charges are to be paid in advance by local Chequ / D.D. as per enclosed sheet.
11. Only following solid waste are accepted as per authorisation given by GPCB to BEIL.

Sr.No.	Waste	Sr.No.	Waste
01.	Gypsum Sludge	06.	Waste Insulation Material
02.	ETP Sludge	07.	Non Recyclable Plastic Waste
03.	Iron Sludge		
04.	Incineration Ash Sludge.		
05.	Brine Sludge		



BEIL INFRASTRUCTURE LTD
Plot No.9701-9716, GIDC, ANKLESHWAR
Tel No.(02646)253 135, 225 228

APPLICATION FORM

1. Name of the unit :
2. Names of Directors / Partners :
3. Address :
4. Type of Industry : Small Scale / Medium Scale / Large Scale
5. Qty. of solid waste expected to be disposed off in the landfill per annum. :
6. **Capacity Commitment Charge / Membership paid by D. D. Payable at Ankleshwar.** : DD No._____ Date_____ Drawn on_____ for Rs._____

I/We have gone through the details of the landfill facility proposed to be developed at Ankleshwar GIDC Estate. We agree to become a member of the proposed company and would like to utilize the facility on a long term basis. We shall make further payments against equity as shown in the covering letter.

Place :

Date :

(Signature & Rubber Stamp)



BEIL INFRASTRUCTURE LTD
Plot No.9701-9716, GIDC, ANKLESHWAR
Tel No.(02646)253 135, 225 228

SOLID WASTE DATA

PART – I UNIT INFORMATION

- a. Name of the Unit :
- b. Unit In-Charge :
- c. Address of the Unit :

Phone No.:

Email Add:

- d. Location : ANKLESHWAR / PANOLI / JHAGADIA

Sector

- (Tick) : (1) **Drugs &Pharma** (2) **Dyes & Inter**
(3) **Pesticides** (4) **Organic**
(5) **Inorganic** (6) **Others**

PART-II PRODUCTS AND BY-PRODUCTS MANUFACTURED:

Major Products/
By-Products

Quantity Per Year

PART-III

- (a) Would you like to avail the facility of proposed Centralized Secured Landfill at Ankleshwar Industrial Estate : Yes / No
- (b) If yes, mention the quantity of solid waste to be disposed off. : / Year
- (c) Do you have the facility of storing the solid waste in monsoon? : Yes /-No
- (d) Whether the unit is having Authorization from GPCB ? If yes attach a copy of the same



BEIL INFRASTRUCTURE LTD
Plot No.9701-9716, GIDC, ANKLESHWAR
Tel No.(02646)253 135, 225 228

PART-IV SOLID WASTE INFORMATION

(A) INFORMATION ABOUT SOLID WASTE TO BE LAND FILLED:

Type of Solid Wastes	Source	Physical property (Slurry / Sludge / Solid)	Quantity	
			Ton Per Day	Ton Per Year
1. Gypsum / Lime Sludge				
2. ETP Sludge				
3. Iron Sludge				
4. Incineration Ash				
5. Brine Sludge				
6. Others				

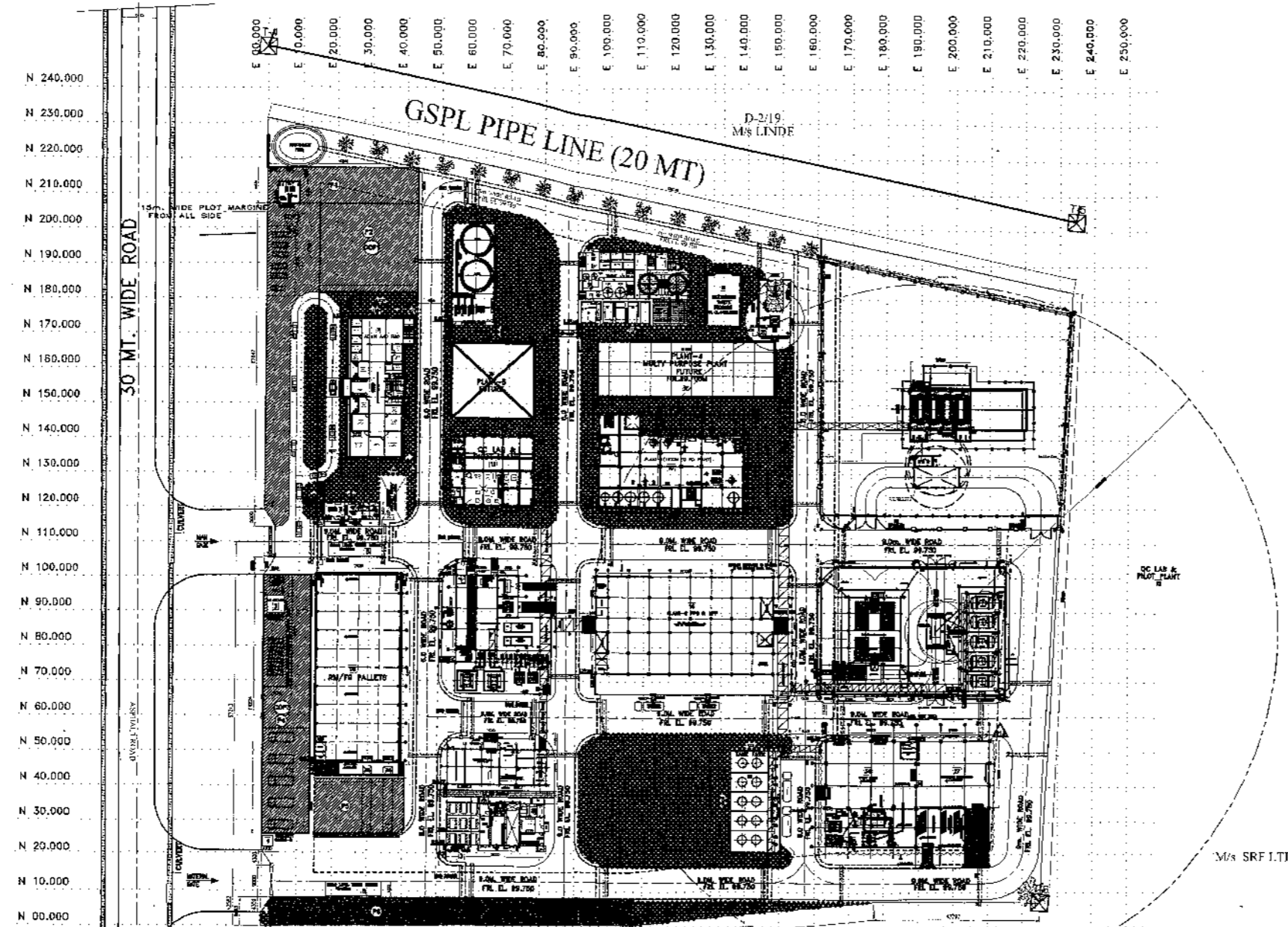
(B) SOLID WASTE NOT FOR LANDFILL.

Type of Solid Wastes	Source	Physical property (Slurry / Sludge / Solid)	Quantity	
			Ton Per Day	Ton Per Year
1. Treated Heavy Metal Sludge				
2. Treated CN Waste Sludge				
3. Spent Carbon Residue				
4. Spent Activated Clay				
5. Alkaline Sludge				
6. Any Other				

<u>SR. NO.</u>	<u>CUSTOMER NAME</u>	<u>BOOKING</u>	<u>CUST. CITY</u>	<u>GPCB CONSENT NO</u>	<u>STORAGE FACILITY</u>
1	ALKYL AMINES CHEMICALS LTD.	25	DAHEJ	AWH-76129	YES
2	BHARAT RASAYAN LIMITED	3000	DAHEJ	AWH-90645	YES
3	CHLORIDES INDIA	100	DAHEJ	AWH-33367	YES
4	DARAMIC BATTERY SEPARATOR INDIA PVT. LTD.	100	DAHEJ	AWH-83988	YES
5	FERMENTA BIOTECH LTD.	125	DAHEJ	AWH-76123	YES
6	FIRMENICH AROMATICS PRODUCTS (I) PVT. LTD.	400	DAHEJ	AWH-32740	YES
7	GUJARAT FLUORO CHEMICALS LTD. (12/A)	1000	DAHEJ	AWH-16130	YES
8	GUJARAT NARMADA VALLEY FERTILIZERS & CHEMICALS LTD. (TDI DAHEJ UNIT)	1000	DAHEJ	AWH-60288	YES
9	HEMANI INDUSTRIES LTD.-DAHEJ	410	DAHEJ	AWH-65178	YES
10	INDO BAIJIN CHEMICALS PVT. LTD.	158	DAHEJ	AWH-64169	YES
11	INSECTICIDES INDIA LTD.	150	DAHEJ	AWH-77931	YES
12	MEGHMANI ORGANICS LTD. (P. NO.Z-31)	100	DAHEJ	AWH-61030	YES
13	MEGHMANI UNICHEM LLP (P. NO.CH-3)	100	DAHEJ	AWH-48306	YES
14	MEHALI PAPERS PVT. LTD.	150	DAHEJ	AWH-84029	YES
15	NOCIL LIMITED	20	DAHEJ	AWH-53656	YES
16	PIDILITE INDUSTRIES LTD. - DAHEJ	8	DAHEJ	AWH-81053	YES
17	ROXUL ROCKWOOL INSULATION INDIA PVT. LTD.	1000	DAHEJ	AWH-43715	YES
18	SRF LIMITED	300	DAHEJ	AWH-24521	YES
19	TORRENT PHARMACEUTICALS LTD. - DAHEJ	150	DAHEJ	AWH-66310	YES
20	UNIVERSAL CHEMICALS & INDUSTRIES PVT. LTD.	300	DAHEJ	AWH-62153	YES
21	WELSPUN CORP LTD.	20	DAHEJ	AWH-45026	YES
22	TTK PRESTIGE LTD.	45	KARJAN	AWH-59849	YES
23	KERAKOLL INDIA PVT LTD	300	VADODARA	AWH-69417	YES
24	POLY CAB WIRE PVT. LTD. (UNIT-4)	10	VADODARA	AWH-16971	YES
25	INDUCTOTHERM (INDIA) PVT LTD.	25	AHMEDABAD	AWH-77965	YES
26	EURECAT INDIA CATALYST PVT. LTD.	25	JHAGADIA	AWH-55123	YES
27	PAYAL POLYPLAST PVT. LTD.	1224	DAHEJ	AWH-52435	YES
28	TRANSPEK SILOX INDUSTRY PVT. LTD.	1834	VADODARA	AWH-55938	YES
29	PREM INDUSTRY	25	AHMEDABAD	AWH-51688	YES
30	MEGHMANI ORGANIC LTD. UNIT-3	1000	DAHEJ	AWH-40978	YES
31	OIL AND NATURAL GAS CORPORATION LTD. (ONGC) - AHMEDABAD	500	AHMEDABAD	AWH-67587	YES
32	SURVIVAL TECHNOLOGIES PVT. LTD. - UNIT-1	6	ANKLISHWAR	AWH-44075	YES
33	SYNBIOTICS LTD.	75	VADODARA	AWH-66678	YES
34	ALOK INDUSTRIES LTD.	25	VAPI	AWH-55204	YES
35	STANDARD PESTICIDES PVT. LTD.	10	VADODARA	AWH-70858	YES
36	MACLEODS PHARMACEUTICALS LTD.	500	VALSAD	AWH-87207	YES
37	MUNDRA SOLAR PV LIMITED	1580	KUTCH	AWH-22608	YES
38	PHILODEN INDUSTRIES PVT. LTD.	25	VADODARA	AWH-68031	YES
39	LONSEN KIRI CHEMICAL INDUSTRY LTD.	3600	VADODARA	AWH-33583	YES
40	BAKUL PHARMA PVT. LTD.	150	ANKLISHWAR	AWH-69872	YES

H. W. Storage Area detail

Sr. No.	Storage area	Tag No.	Nos.	Size
1	Sludge Drying Beds	10 A-D	4	4.0m x 4.0m – Each
2	Hazardous Waste Storage Room - RCC	T-26	1	15m x 11m x 3m Ht.
3	Sludge Drying Beds For STP		2	2.6 m x 2.6 m + 0.3 m Sludge Application



N 240.000
N 230.000
N 220.000
N 210.000
N 200.000
N 190.000
N 180.000
N 170.000
N 160.000
N 150.000
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E 250.000

GSPL PIPE LINE (20 MT)

D-219
M/s LINDE

D-221
M/s MEGHANI

AREA STATEMENT

NO.	DESCRIPTION	UNIT	AMOUNT
1	Plot Area	SQ. METERS	10000.00
2	Area of Building	SQ. METERS	5000.00
3	Area of Road	SQ. METERS	1000.00
4	Area of Open Space	SQ. METERS	3000.00
5	Area of Parking	SQ. METERS	1000.00
6	Area of Utility	SQ. METERS	500.00
7	Area of Other	SQ. METERS	0.00
8	Total Area	SQ. METERS	20000.00

LEGEND:-

- 20MM ELECTRICAL NAME PIPE
- 20MM SPARE NAME PIPE
- 40MM FIRE WATER NAME PIPE
- LAYER SAKING FIRE WORKING LINE

KEY PLAN

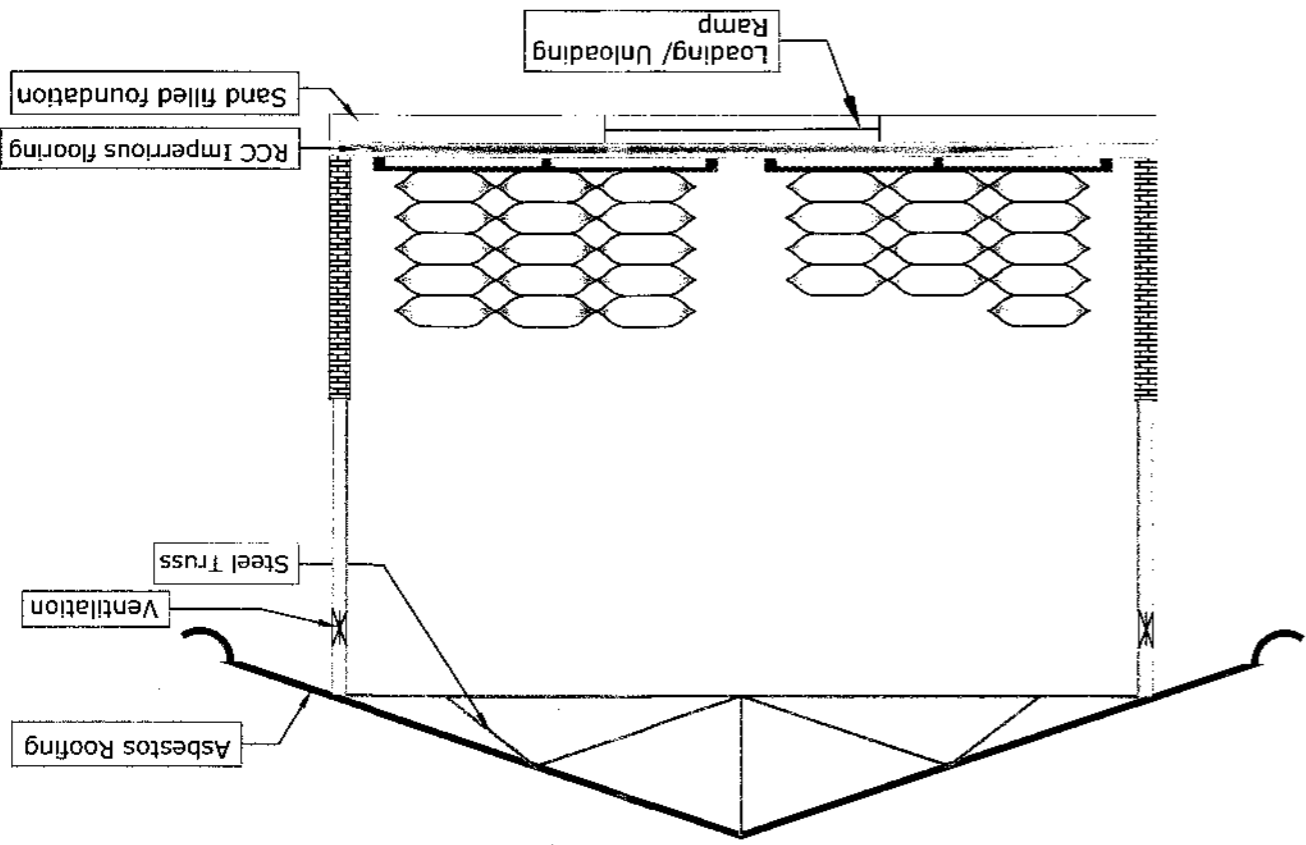
REVISIONS

NO.	DESCRIPTION	DATE
01	ISSUED FOR PERMIT	10/10/2023
02	FOR APPROVAL	10/10/2023
03	FOR APPROVAL	10/10/2023
04	FOR APPROVAL	10/10/2023
05	FOR APPROVAL	10/10/2023
06	FOR APPROVAL	10/10/2023
07	FOR APPROVAL	10/10/2023
08	FOR APPROVAL	10/10/2023
09	FOR APPROVAL	10/10/2023
10	FOR APPROVAL	10/10/2023
11	FOR APPROVAL	10/10/2023
12	FOR APPROVAL	10/10/2023
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49	FOR APPROVAL	10/10/2023
50	FOR APPROVAL	10/10/2023

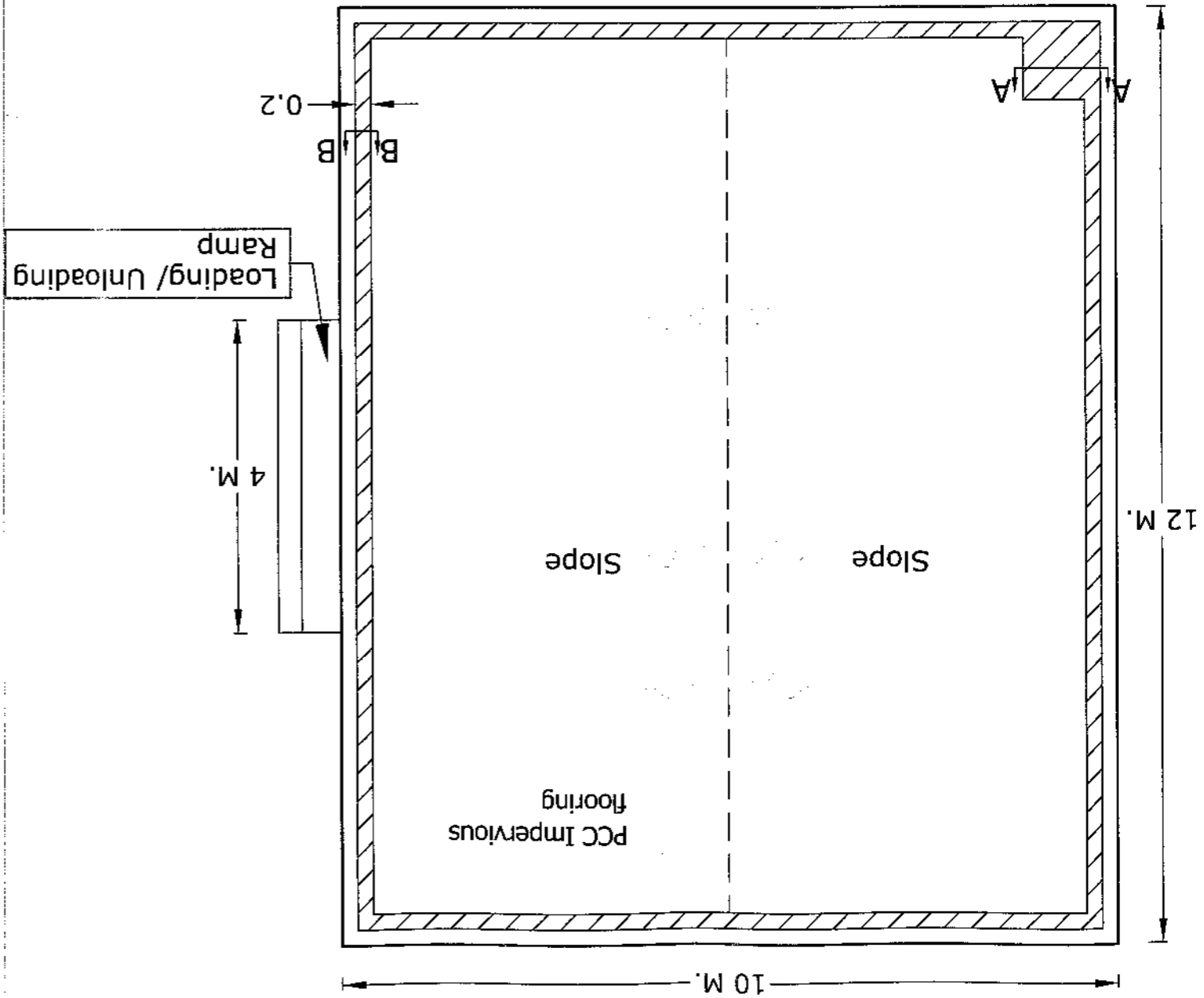
Shroff & Associates (Engineers) Pvt. Ltd.
Shroff Consulting Engineers LLP.

Plot: **DAHEJ**
Project No: **C-1471**
Scale: **1:400** Sheet No: **1471-473-101** of **2** R/S

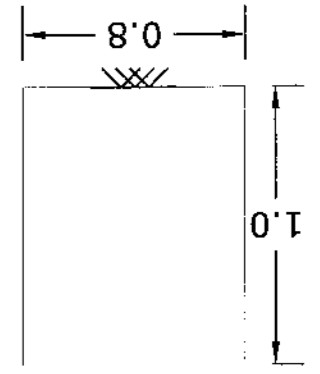
ELEVATION



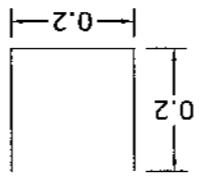
PLAN



Section A-A



Section B-B





HAZARDOUS
SOLID WASTE
AREA
EIP WASTE
CRI No. 5493

INSECTICIDES INDIA LIMITED
DANBU



← Plant Area

Garland Drain

Storm Water Channel

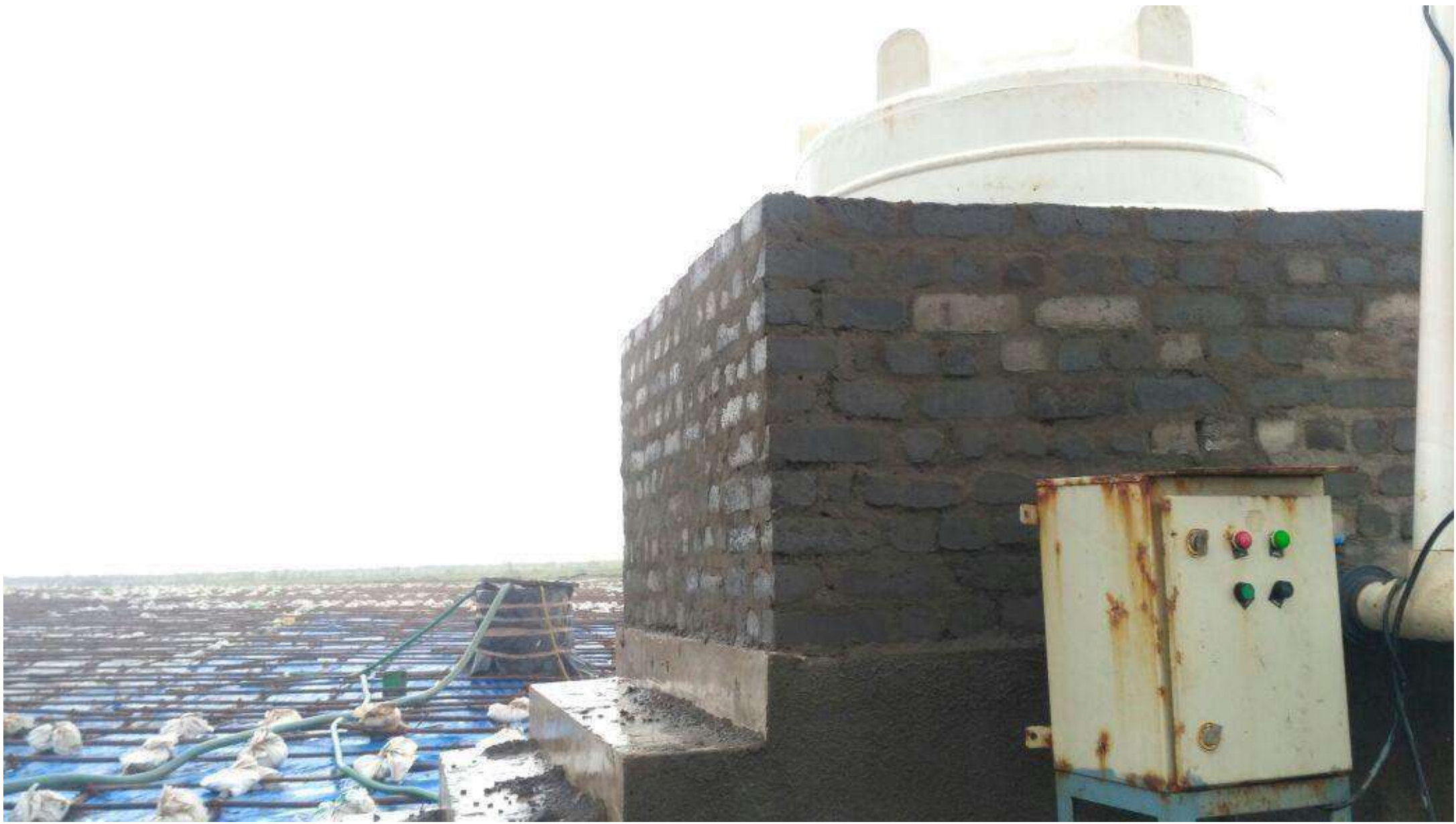


Plant Area →



Effluent Collection Pit

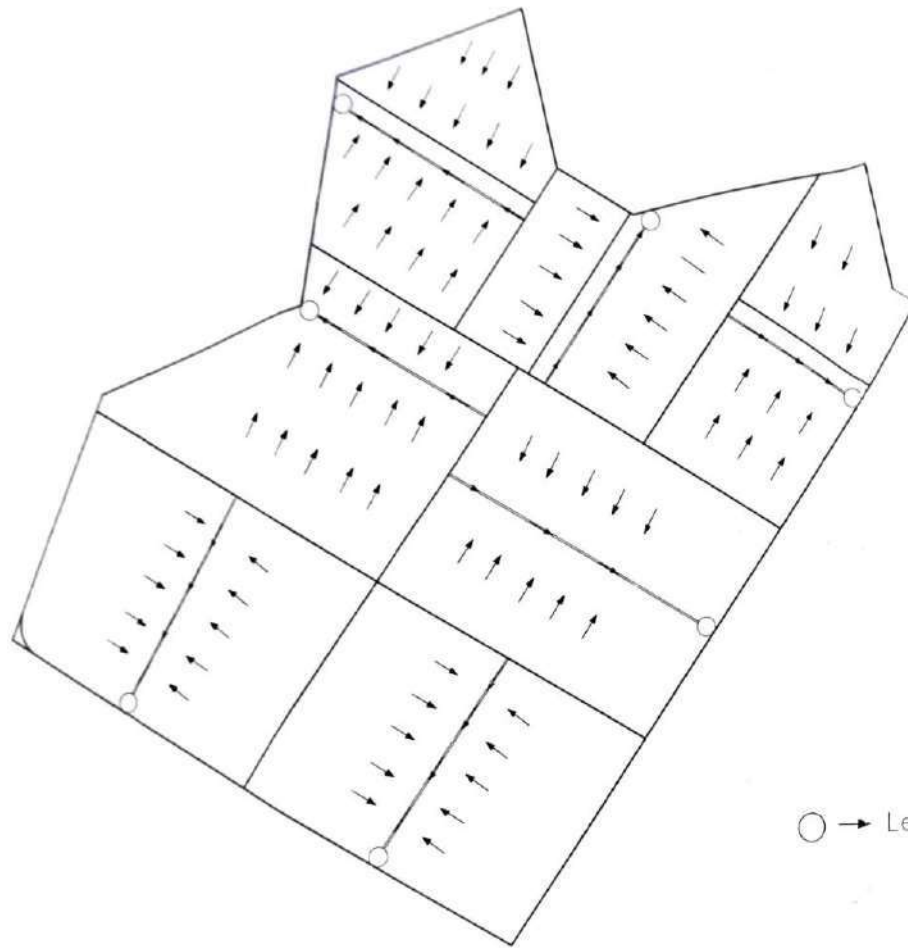
Garland Drain





LANDFILL MONSOON COVER PHOTOGRAPHS





○ → Leachate Collection Wells

LEACHATE COLLECTION SYSTEM

NAME OF DRAWING

LEACHATE COLLECTION SYSTEM

PROJECTS

CONSTRUCTION OF SECURED LANDFILL FACILITY



BHARUCH ENVIRO INFRASTRUCTURE LIMITED

PLOT NO: 43, GDC, DAHEJ

DESIGN & DRAWN BY :



BHARUCH ENVIRO INFRASTRUCTURE LIMITED

PLOT NO: 43, GDC, DAHEJ

Manoj



APPROVED BY

**INDIAN INSTITUTE OF TECHNOLOGY,
NEW DELHI**

Manoj
2.11.13

Dr. Manoj Datta
Professor
Civil Engineering Department
Indian Institute of Technology Delhi
Hauz Khas, New Delhi - 110016

[Signature]

DRG NO

REV.

DATE

BEIL-LAY-09

26.09.13

ALL DIMENSIONS SHOWN ARE IN METER

SCALE
N.T.S.

**BEIL INFRA STRUCTURE LTD. – DAHEJ
PUBLIC HEARING COMPLIANCE REPORT**

The Public hearing was held on 5th April 2013 at P.J. Chheda Janta Vidyalay, Dahej, Taluka Vagra, Dist. Bharuch, Gujarat at 11:30 Hrs.

Sr. No.	Name and Address	Points represented and / or written submission	Compliance Status
1	Shri Raghuvirsinh Udaysinh Rana Village: Dahej, Taluka: Vagra, District: Bharuch	Whether GPCB is carrying out monitoring of the ambient air parameters SO _x , NO _x in Dahej Area?	Complied. The regional Officer of GPCB answered that GPCB will contact him for carrying out investigation of His complaint.
		He informed that we cannot sleep outside of our residence during night hrs. If door of house remains open, black layers get form on the utensil in morning due to Air pollution.	Complied. We are carrying out regular monitoring of ambient air & all the parameters are within the limit.
		What should be the minimum distance of the company site from village?	Complied. The minimum distance of site from village should be 0.5 Km as per guideline.
2	Shri Sureshbhai Sanabhai Village: Dahej, Taluka: Vagra,	He informed that development in Gujarat is at very fast and new industries are coming.	Noted.
		They give committeemen's during public hearings and they were given cooperation.	Noted.
		He requested industries to give employment to local people.	Complied. We have appointed 2 person as chemist and as electrician, as well as we are also sponsoring them for their skill development courses.
		He informed that they are not against the developments of industries.	Noted.
		He asked the industries representative what steps will be taken to give the employment.	Complied. We have appointed 2 person as chemist and as electrician, as well as

			we are also sponsoring them for their skill development courses.
		He further added that it should give in written by the industries.	Complied We have given employment to local people. We have appointed 2 person as chemist and as electrician, as well as we are also sponsoring them for their skill development courses.
3.	Shri Pradeep Thakar		As he is not in the definition of local people, he was advised to give his presentation or comment in writing which will be incorporated in minutes. He had not given any Written comment.
4.	Shri J. J. Rajput Member of Dahej Eco-Friendly Society, Village: Dahej, Taluka: Vagra, District: Bharuch	He asked the project proponent what the lesson they have learnt from Ankleshwar BEIL fire incident.	Complied. BEIL fire incident had occurred in 2008 in incinerable waste storage area. In this project we are not receiving any incinerable waste. Therefore there will not be possibility of fire incident. We are receiving the waste as per the acceptance criteria for disposal in TSDF site.
5.	Shri Yogesh Pandya Founder Trustee of Dahej Eco-Friendly Society, Village: Dahej, Taluka: Vagra, District: Bharuch	He informed that various problem are arising along with the development of the area.	Noted
		He added that in Gujarat solution of the problems also beings taken care therefore Gujarat develops at very fast. In connection with development of Dahej area they have develop Dahej Eco-friendly society which is also registered with government.	Noted
		He further insisted that work for the preservation of environment should be carried out site by site of development of Dahej area.	Complied. In Ankleshwar, We have HDPE single liner and here in Dahej we have double liner. We have developed a green belt (4550 Trees) along the periphery according to CPCB guidelines (Total 2, 85,343.76 sq. meters land area is available at site; out of this area about 50,500 (3300 m length * 15 m width) sq. meters (18.46 %) area is considered as greenbelt and other forms of greenery) to minimize fugitive emission. It is an ongoing activity, in this monsoon also we have planted 7532 trees to develop green belt. We have tied up with local Gram Panchayat for developing a garden in around 2200 Sq. meters.
		He further added that Dahej should not be developed like	Noted.

	Ankleshwar and Panoli GIDC.	
	He pointed out the complaints of local residence and asked the industries to take the necessary steps.	Noted.
	He added that this type of project is given subsidiary given by government under various provisions therefore people are accepting solution of their problems related to environment and other issues.	Noted.
	He said that in earlier days hazardous waste was disposed not properly which created heaps but now Gujarat is having maximum number of TSDFs, CETPs and Common Incinerators.	Noted.
	Gujarat is going toward the solution of the problems.	Noted.
	He further added that mistake made once should not be repeated again.	Noted.
	He had given incident of Vapi TSDF in which large amount of hazardous waste had washed out due to heavy rain in nearby area. In connection with the same he asked the project proponent what precaution will be taken in Dahej site?	Complied If the slope is not proper then water logging takes place. We have provided the proper slope and in monsoon, the site will be totally closed so no chance of any incidents.
	In connection with, sea is also nearby, salt pans are also nearby and site is also nearby CRZ limit. He further added that the soil of the area is also black cotton soil and water table is about 2.5 to 3 m depth, also area is having heavy rain as well as heavy wind velocity. What extra – ordinary precautions will be taken of above points?	Complied We have done analysis and survey report by government authority and report says it is 9.0 to 9.5 meter. Based on the report we have commissioned the site. We have excavated 1.8 meter black cotton soil until the yellow soil appears then TSDF commissioned.
	He informed that the site will be favorite for Dahej Eco- Friendly Society and Dahej Industrial association.	Noted
	Considering the transparency and faith representative of Dahej Eco-Friendly Society and Dahej Industrial association will be given chance to visit the construction phase of site development.	Complied We are allowing all the member of Dahej Eco-Friendly Society and Dahej Industrial Association for all activities take place in site, they don't need to take any permission.
	He further inquired that what will be disposal of condensate	Complied.

		of MEE and whether they are going to provide stripper in MEE.	MEE Plant of Capacity 200 KLD has been installed and commissioned in May, 2017. We have applied for the CC&A in May, 2017. Spray Dryer is provided and scrubber is attached.
		He advised that to think for high CV waste for co-processing in Cement Kilns.	Noted. At present it is TSDf only. It will be taken care if incinerator will come in future.
		In connection with that green belt, he advised the project proponent to develop 33% green belt in this site as well as in nearby area of Dahej.	Complied. We have developed a green belt (4550 Trees) along the periphery according to CPCB guidelines (Total 2, 85,343.76 sq. meters land area is available at site; out of this area about 50,500 (3300 m length * 15 m width) sq. meters area is considered as greenbelt and other forms of greenery). It is an ongoing activity, in this monsoon also we have planted 7532 trees to develop green belt. We have tied up with local Gram Panchayat for developing a garden in around 2200 Sq. meters. BEIL & UPL have planted the following 1800 nos near Kadodara 4000 nos in Vav village 2800 nos panyadara 2000 nos in Padariya We have also tied up with local gram panchayat and have prepared a five year plantation plan, wherein we will be providing trees and tree guards to the panchayat.
		In connection with Narmada Parikrama, he advised the industries to give necessary facilitation for this noble cause.	Complied.
		He informed that since 1995 various public hearing were conducted in this school premises but lot of work for the development of school is required to be done. He advised the project proponent to donate for school room as well as its compound wall.	Complied. We have donated Rs. 50000 to Shri P.J. Chheda Janta Vidhyalaya, Rs. 10000 to School Management Committee & Rs. 5000 to Archarya Prathmik Shala, Dahej
6	Shri Haniabhai President of Dahej Industrial Association, Village: Dahej, Taluka: Vagra, District: Bharuch	He said that Dahej Industrial estate is established in 1993. 20 years is passed for the growth.	Noted.
		He added that this project will to come before one year but due to some reason, project is	Complied We applied to GIDC for land on 06.04.2009 and got allotment &

		delayed. We welcomed the project.	possession on 28.09.2011 & 04.08.2011 subsequently. We have started the landfill site in April 2015 after getting all the required approvals.
		He further added that Dahej Eco-Friendly Society and Dahej Industrial Association will have environment cell. 77 industries is located in Dahej Industrial Estate. All members will work together and this project has to be completed at the earliest.	Complied We have started the landfill site in April 2015 and are become member of Dahej Eco-Friendly Society and Dahej Industrial Association.
		In connection with Narmada Parikrama, he advised the industries to give necessary facilitation for this noble cause. He added that Narmada Parikrama was started in 1993.	Complied.
		He asked that how fast the project will come and ask to give the completion date. Rate should competitive with other TSDFs.	Complied We have started the landfill site in April 2015
		He advised to project proponent the CETP should also come and start as you have experience of existing site.	Noted
		He also appreciated the cooperation of the surrounding villages' people.	Noted
7.	Mr. Sunil Jain Member of Dahej Eco- Friendly Society, Village: Dahej, Taluka: Vagra, District: Bharuch	What is the provision of rain water harvesting in premises?	Noted for compliance We will carry out rain water harvesting.
		What is planning or arrangement for parking the trucks-vehicles to carry the hazardous waste to project site?	Complied 1000 Sq. Mt. Parking area is provided for trucks-vehicles.
		What care is taken for the nearby existing water tanks due to transportation of vehicles?	Complied Hazardous waste is being transported in dedicated vehicles and it is completely covered. If any mishap will happen, we will collect the waste and then it will be disposed in TSDF.
8.	Shri Narendrasinh Rana Chairman of P J Chheda School & BJP Dahej Gram Panchayat, Village: Dahej, Taluka: Vagra, District: Bharuch	He said that company had given satisfied answer. They will fulfil their commitments. The development of high school should be taken care off by industries.	Complied We have donated Rs. 50000 to Shri P.J. Chheda Janta Vidhyalaya, Rs. 10000 to School Management Committee & Rs. 5000 to Archarya Prathmik Shala, Dahej
		He added that development of industries taken place without any unrest industries.	Complied. We, Dahej Industrial Association, Dahej Eco-Friendly Society and Villagers shall get together for all activities either technical or CSR.

		And all public hearing has been done here only and industrial growth without any accident with industries and villagers.	Noted
		He requested to industries that they should contribute in CSR activities as well as for education facility.	Complied We have donated Rs. 50000 to Shri P.J. Chheda Janta Vidhyalaya, Rs. 10000 to School Management Committee & Rs. 5000 to Archarya Prathmik Shala, Dahej. We are also contributing towards all CSR activities in Dahej Area.
9.	Shri Pradyumansinh Natvarsinh Rana Village: Dahej, Taluka: Vagra, istrict: Bharuch	He asked that who is the responsible to dispose the hazardous waste here and there by other industries.	Noted If any complaints registered, then necessary actions will be taken in consultation with Dahej Industrial Association and GPCB.

Annexure 18



BHARUCH ENVIRO INFRASTRUCTURE LTD.

(Unit - Dahej)

CIN-U45300GJ1997PLC032696

18th September 2018

To,
The Collector,
Collector Office,
Bharuch

Sub: Contribution for socio-economic upliftment of surrounding villages.

Respected Sir,

We at BEIL, Dahej would like to contribute for socio-economic upliftment of the surrounding villages, including community welfare programmes for the overall improvements of the environment. For this purpose, BEIL has allocated a budget of 40 lakhs distributed over 5 years of span as per the table below.

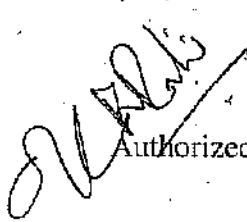
Year	Rs. (Lakhs)
18-19	10
19-20	10
20-21	10
21-22	5
22-23	5

We therefore request your kindness to let us know whenever we can contribute in an activity towards the socio-economic upliftment of the surrounding community

Request you to take note of this and do the needful.

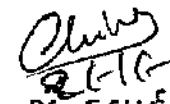
Thanking You,

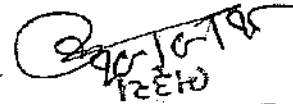
For Bharuch Enviro Infrastructure Limited


Authorized Signatory

Copy To :

D.D.O., Bharuch


કુ. કલાર્ક
અચાર્ય શાખા
જી. પં. ભરૂચ


રૂ. કલાર્ક
અચાર્ય શાખા
જી. પં. ભરૂચ

Works Office : Plot No. D-43, Dahej, Amod Road, GIDC Estate, Dahej, Ta-Vagra - 392130, Dist. : Bharuch (Gujarat)
Phones : (02641) 291129 • Email : bhupendra.mehta@uniphos.com
Head Office : Plot No. 9701-16, GIDC Estate, Post Box No. 82, Ankleshwar - 393 002, Dist. : Bharuch (Gujarat)
Phones : (02646) 253135, 225228 • Fax : (02642) 222849 • E-mail : panjwania@uniphos.com
Regd. Office : Plot No. 117-118, GIDC Estate, Ankleshwar - 393 002, Dist. : Bharuch (Gujarat)

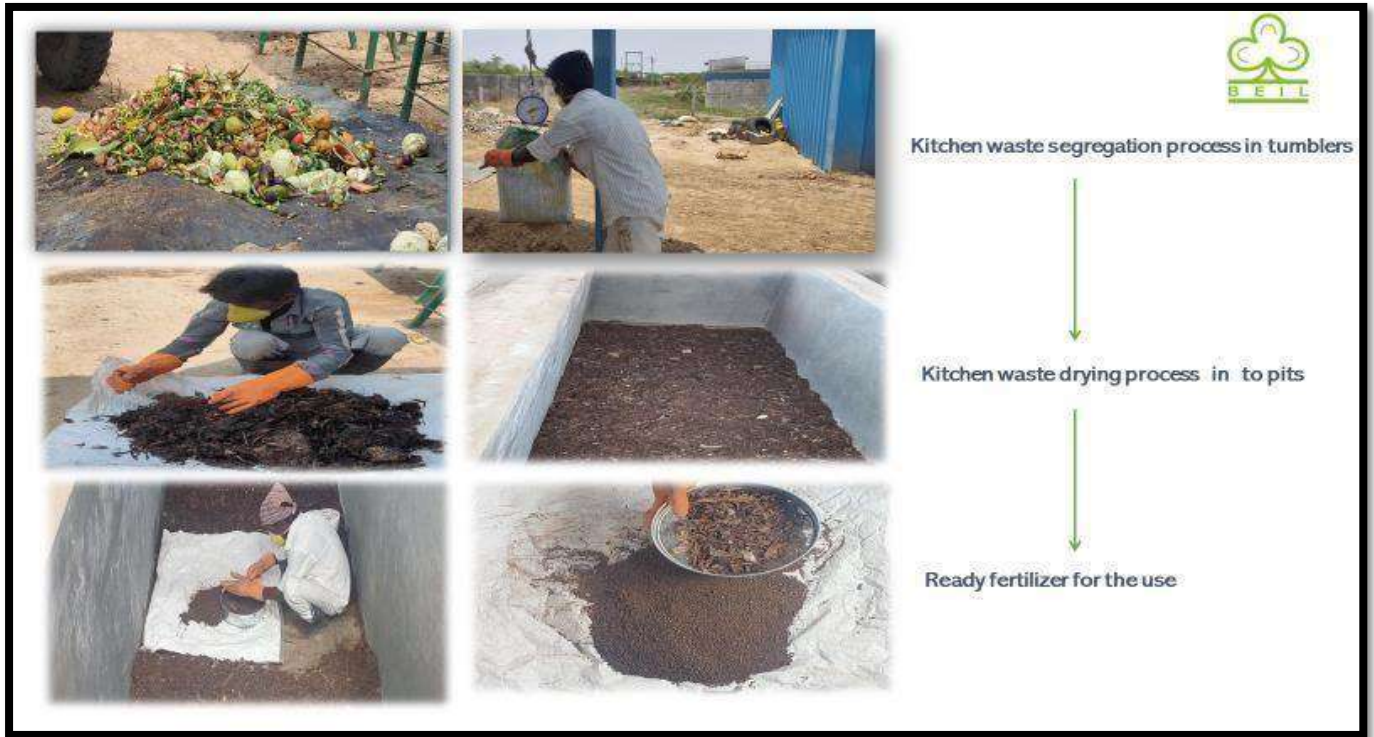
COMPOST SITE BUILT BY BEIL IN DAHEJ VILLAGE



Collection of Kitchen Waste (door to door)



Monthly average of daily collected kitchen waste comes between 100 to 150 KGs.



Kitchen garden at Composting Site



Bags distribution at Prathamil Kanya Shala, Dahej



Blood Donation Camp at BEIL, Dahej



Environmental Management Plan Compliance

Discipline	Environmental hazard	Mitigation Measures and Action plan	Compliance Status
Secured Landfill Facility			
Temporary storage of Hazardous waste	Leachate Generation	Collection of leachate and treatment	Complied. Temporary storage of hazardous waste is provided for monsoon period. Leachate generating from the temporary storage is being collected and treated existing inhouse MEE plant.
Loading the hazardous waste in dumper	Fugitive emission	Coverage of the dumper to prevent dusting	Complied. Authorized dedicated closed dumpers are being used.
	Spillage of waste on 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 housekeeping activity 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 leakage for spillage.
	Health impacts on the workers	Usage of Hydraulic dumpers/hook loaders to prevent manual handling Usage of PPEs by all Employees Medical check-up - 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 check-up are being carried out.

Transportation of waste			
Transportation of Waste	Littering the waste on the road	<ul style="list-style-type: none"> - 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 	<p>Complied.</p> <ul style="list-style-type: none"> -Regular inspection of the dumpers is 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	<p>Complied.</p> <p>We are following valid manifest system according to new hazardous and other waste (Handling and management) rules 2016.</p>
	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	<p>Complied.</p> <p>After loading/unloading the tires are washed and wastewater is sent for treatment.</p>
Final Disposal			
	Violent reaction/ fire	<ul style="list-style-type: none"> - Strictly to follow the acceptance criteria. - Check the reactivity of the wastes prior to disposal 	<p>Complied.</p> <p>Comprehensive and fingerprint analysis are carried out before accepting the waste to strictly following acceptance criteria for landfill.</p>
	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	<p>Complied.</p> <p>Adequate covering of the sub cells with tarpaulin is done during monsoon.</p>

Final Disposal of the hazardous waste into secured landfill facility	Blowing away of the waste dust with the wind	- Spray water during summer season. - Cover the waste layer with fresh soil and compact it.	Complied. Water is being sprayed for dust suppression. And daily coverage of waste with clay layer is being done.
	Disposal of waste at the wrong place in the premises leachate handling	Provide indicators and sign boards for systematic operation. Properly designed leachate collection wells Daily monitoring of levels in the wells Transfer of leachate from the wells to storage for treatment	Complied. Necessary sign board are provided. Adequate numbers of leachate collection wells are constructed, daily level monitoring is being done and transferred to MEE plant.

Monitoring Activity			
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 predesigned 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 minimised	Complied - We have total 4 monitoring (1 Upstream and 3 downstream wells of the site and monthly monitoring. - An IIT approved leachate collection system is developed and there is a garland drain around the leachate tank. - The leachate from here is pumped to the storage tank which is provided with dyke wall. Therefore, no chances of any type of contamination from anywhere.
Air Quality	Air pollution (Fugitive, Dust and gaseous emissions)	-Ambient Air Monitoring for various parameters at the site and surroundings - Water Dumpers, sprinklers are deployed for water spraying. -Tree plantation around the facility are and along the roads. -Respirable dust samples are collected and analysed periodically to ensure that the	Complied -We are regularly monitoring the ambient air quality parameter at the site and surrounding -We are deployed water dumpers, sprinklers for water spraying. -We are developed tree plantation around the facility and along the roads.

		dust concentration limit is contained within the allowable limits	- Respirable dust samples are collected and we analysed periodically to ensure that the dust concentration limit is contained within the allowable limits.
Soil Quality	Soil pollution (Project site will undergo a major transformation during landfilling. The waste is to be compacted in layers with proper sloping. Contamination of soil is possible if the lining system is improper. Also littering of the waste while transportation to the disposal facility, blowing of waste particles due to wind shall lead to soil contamination. Spillage of leachate during pumping also will lead to soil pollution localized)	- Soil sampling from various locations and analysis. - After land filling is complete, the liner system consisting of soil cover, HDPE liners and vegetative cover shall be immediately constructed to avoid any contamination of soil.	Complied - Soil sampling from various locations and analysis is being done. - Final Coverage is done according to GPCB/CPCB criteria and guidelines to avoid any contamination of soil.
Noise	Noise pollution (Noise levels during construction phase will be high during operational phase due to instrumental work, increased truck movement, earth movers etc.	-These negative impacts are short term. - Equipment to be kept and maintained in proper condition to keep the noise level within 75dB(A). - Workers will be provided with necessary protective equipment e.g. ear plug, ear muffs. - Provision of green belt and plantation would further help in attenuating noise.	Complied. -Noise level monitoring is done on regular basis. - Employees are provided with suitable PPEs to avoid any short term or long term negative impacts of noise pollution. - Adequate green belt is also provided
Traffic	Traffic Impact	BEIL is situated towards one corner of industrial estate of GIDC. As there is no much traffic on this road, no traffic	Complied. BEIL is situated towards one corner of industrial estate of GIDC, as there is no much traffic on this road, no traffic overcrowding

		overcrowding is expected and the impact will be insignificant.	is expected and the impact will be insignificant.
Socio- Economic	Socio- Economic Impact	<p>The site selected for the disposal of hazardous wastes in Dahej Industrial Estate, is not having any visible adverse impact on human population as well as livestock 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>-Due to proposed project, there will be additional employment opportunities for Construction phase about 150 persons and about 60 persons during 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 Dahej industrial Estate, is not having any visible adverse impact on human populations well as livestock as this site is excluded from any agriculture, forest, ecological sensitive or animal grazing land. Moreover, the site is within the industrial estate and land already meant for that purpose. With the expansion of TSDf Cell 11, 12 & 13 proposed, there will be additional employment Opportunities for about 100 persons (Construction phase) and about 50 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>
Fire and Safety	Accidents/disasters related to fire and safety	<p>Since the TSDf site is already in operation, this is a capacity expansion project;</p> <ul style="list-style-type: none"> - Disaster management plan (DMP) is in place. - A well-laid firefighting system and fire extinguishers are already installed as per fire safety norms. -Regular fire safety training will be conducted. -Road/Fire Safety Week/National safety Day/Safety Week Celebration are 	<p>Complied.</p> <p>Since the TSDf site is already operational, this is an expansion of TSDf</p> <ul style="list-style-type: none"> -We have prepared and Implemented Disaster Management Plan. -A well-laid firefighting system and fire extinguishers are provided as per fire safety norms. -Regular safety training is being conducted. - National safety week is celebrated at our site every year.

		observed to improve the safety consciousness.	
Health and Safety	Injury	<p>Since the TSDF site is already in operation,</p> <ul style="list-style-type: none"> -Preplacement 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>Complied</p> <ul style="list-style-type: none"> -Preplacement and Periodical medical examination of the TSDF site workers is being done. -PPEs are being provided to all the workers and employees. -BEIL will continue the health monitoring program for the employees. It would focus especially on workers who are handling the hazardous waste.
Impact on Agriculture and Livestock	No impact	This is capacity expansion project. The area is a barren land without significant vegetation. Hence no impact on the agriculture is envisaged.	<p>Complied</p> <p>This is an expansion of TSDF proposed Cells 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>
Strom Water	-	<p>BEIL is providing coverage system with storm water collection and drainage for the utilized areas as per the CPCB guidelines. The first coverage system has been provided in the year 2001.</p> <ul style="list-style-type: none"> -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 	Complied.

		by the Center for Science & Environment, New Delhi. -Schematic diagram of Rainwater Harvesting System is given in figure	
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 52,500 sq.meter (18.4%) -Green belt will be properly maintained resulting in formation of a thick canopy of trees around the project site.	Complied. -We have developed 52,500 sq. mt. area as green belt within the premises. - We have also taken permission to develop green belt outside the premises.
Operation, Maintenance, and closure	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 every month.
	Leachate generation	- Sampling and analysis of leachate for various parameters, monthly. - Treatment of generated leachate in Multiple Effect Evaporator	- Sampling and analysis of leachate for various parameters is being done. - Leachate generated is collected and treated in Multiple Effect Evaporator.
	Groundwater monitoring	Monitoring of groundwater	Complied. Monitoring of ground water on regular basis is being conducted.

	Soil contamination	Monitoring of soil samples	Complied. Monitoring of soil samples on regular basis is being conducted.
	Stability of the landfill	Regular inspection and maintenance of the coverage system	Complied. Regular Inspection and maintenance of the coverage system is being done.

Dr. K. RAMESH, IFS
MEMBER SECRETARY
SEIAA (GUJARAT)



Government of Gujarat

Annexure 20
STATE LEVEL ENVIRONMENT
IMPACT ASSESSMENT
AUTHORITY
GUJARAT

No. SEIAA/GUJ/EC/5(f)/1568/2020

Date: 16 DEC 2020

BY R.P.A.D

Amendment to Environment Clearance Order No:- SEIAA/GUJ/EC/7(d)/227/2013 dated 22/07/2013.
(Under the provision of Environmental Impact Assessment (EIA) Notification, 2006)

In exercise of the power conferred under the provision of Environmental Impact Assessment (EIA) Notification, 2006 under sub-rule (3) of Rule 5 of the Environment (Protection) Rules, 1986, the Environment Clearance granted to M/s Bharuch Enviro Infrastructure Ltd for setting up "Common Treatment Storage and Disposal of Hazardous waste (TSDf) having Secured Landfill Facility (SLF) of 14 lacs MT and MEE plant having capacity 3 x 200 KL/day "at Plot No.D-43, Dahej Industrial Estate, Tal.Vagra, Dist. Bharuch, Gujarat, vide this office letter no. SEIAA/GUJ/EC/7(d)/227/2013 dated 22/07/2013, is being subjected to amendment for the following change in the project.

And whereas SEIAA has granted Environment Clearance vide office order letter no. SEIAA/GUJ/EC/7(d)/227/2013 dated 22/07/2013, under the provisions of the aforesaid Notification.

And whereas project proponent has applied for amendment in the environmental clearance vide their online application vide No. SIA/GJ/MIS/170754/2020 dated 01-09-2020. The project was scheduled for hearing in the SEAC meeting held on 19/10/2020.

The SEAC, Gujarat had recommended the project vide their letter dated 12/11/2020 to grant amendment in Environmental Clearance to the SEIAA, Gujarat based on the decision taken during SEAC meeting held on 19/10/2020. The proposal was considered by SEIAA, Gujarat in its meeting held on 26/11/2020 at Gandhinagar. After careful consideration, Environment Clearance order dated 22/07/2013 is hereby amended as under, subject to amendment with respect to changes in the planning of the project.

1. Name of the unit shall be read as "M/s BEIL Infrastructure Ltd." instead of "M/s. Bharuch Enviro Infrastructure Ltd".

Rest of all the conditions of the Environment Clearance orders no SEIAA/GUJ/EC/7(d)/227/2013 dated 22/07/2013 shall remain unchanged.

With regards,
Yours sincerely,

(Dr. K. RAMESH)
Member Secretary



Issued to:
BEIL INFRASTRUCTURE LIMITED
Plot No. D-43,
Dahej Industrial Estate,
Tal. Vagra, Dist. Bharuch,



GUJARAT POLLUTION CONTROL BOARD

Paryavaran Bhavan, Sector-10-A, Gandhinagar-382010

RI AD
382010 22.12.2020
G592 626303



POSTAGE
₹ 25.00

N100507

B. E. I. L
Inward No. _____
Date 11/05/2021 Sign *[Signature]*



Your Positive Attitude for Control for Pollution is welcome

Environmental Clearance
19/10/2020. The proposal was considered by

Dahej - Inc + Landf
EC

F. No. 10-43/2016-IA-III
Government of India
Ministry of Environment, Forest and Climate Change
(IA.III Section)

Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi - 3
lk.bokolia@nic.in Tel: 011-24695301
Date: 18th September, 2020

To,


Shri B D Dalwadi, CEO
M/s BEIL Infrastructure Limited
Plot No.9701-16,9801-28,9901-28,9601-9604,10001-10008,
G-7&8, 7924-27,9401-9412,9501-9506,7905 E to H, GIDC Estate
District Bharuch - 393002 Gujarat

Subject: Installation of Two Incinerators and Capacity Enhancement of Existing Landfill Facility at existing Common Hazardous Waste Treatment, Storage and Disposal Facilities (TSDF) at plot number D-43, Dahej Industrial Estate, Taluka Vagra, District Bharuch by M/s Bharuch Enviro Infrastructure Limited - Change in name of project proponent reg.

Sir,

This has reference to your online proposal No. IA/GJ/MIS/138604/2020 15th November 2019 and EDS reply letter on 17th August, 2020, submitted to this Ministry for change of name in Environmental Clearance in terms of the provisions of the Environment Impact Assessment (EIA) Notification, 2006 under the Environment (Protection) Act, 1986, wherein the Project Proponent applied for change of name of company from **M/s Bharuch Enviro Infrastructure Ltd to M/s BEIL Infrastructure Limited.**

2. Environmental Clearance to the project 'Installation of Two Incinerators and Capacity Enhancement of Existing Landfill Facility at existing Common Hazardous Waste Treatment, Storage and Disposal Facilities (TSDF)' at plot number D-43, Dahej Industrial Estate, Taluka Vagra, District Bharuch was granted to M/s Bharuch Enviro Infrastructure Ltd by MoEFCC vide letter F.No. 10-43/2018-IA-III dated 19.12.2018.
3. As per information submitted, Ministry of Corporate Affairs vide its Certificate of Incorporation pursuant to change of name dated 17.05.2019 has certified that the name of the company has been changed from M/s Bharuch Enviro Infrastructure Ltd to M/s BEIL Infrastructure Limited with effect from the date of this certificate and that the company is limited by shares.
4. In view of the information submitted by the project proponent and in terms of the provisions of the Environment Impact Assessment (EIA) Notification, 2006 under the Environment (Protection) Act, 1986, the Ministry of Environment, Forest and Climate Change hereby accords the change in name of the Project Proponent to M/s BEIL Infrastructure Limited in the Environmental Clearance letter F.No. 10-43/2018-IA-III dated 19.12.2018.
5. All the other conditions stipulated in the MoEF&CC letter F.No. 10-43/2018-IA-III dated 19.12.2018 shall remain unchanged.
6. This issues with the approval of the Competent Authority.


(Lalit Bokolia)
Director (s)

Copy to:

1. The Secretary to Government (Environment and Ecology), Forest, Forests & Environment Department, Government of Gujarat Block 14, 8th floor, Sachivalaya, Gandhinagar - 382 010, Gujarat.
2. The Addl. Principal Chief Conservator of Forests (Central) Ministry of Environment, Forest and Climate Change, Regional Office (WZ) E-5, Kendriya Paryavaran Bhawan, E-5 Arera Colony, Link Road-3 Ravishankar Nagar, Bhopal - 462016.
3. The Chairman, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, New Delhi - 110 032.
4. The Member Secretary, Gujarat Pollution Control Board, Paryavaran Bhavan, Sector-10A, Gandhinagar-382010, Gujarat.
5. Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
6. Guard File/ Record File/ Notice Board.


(Lalit Bokolia)
Director (s)



BUREAU
VERITAS

Bureau Veritas Certification

BEIL INFRASTRUCTURE LIMITED



PLOT NO.D. 43, DAHEJ INDUSTRIAL ESTATE, TALUKA - VAGRA,
DIST - BHARUCH – 392 130, GUJARAT, INDIA.

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the Management System Standards detailed below.

Standards

ISO 14001:2015 & ISO 45001:2018

Scope of certification

**OPERATION & MAINTENANCE OF COMMON HAZARDOUS WASTE
TREATMENT, STORAGE AND DISPOSAL FACILITY (SECURE LANDFILL &
MEE) AND RELATED ANALYTICAL SERVICES**

Original cycle start date for ISO 14001: **25 June 2016**

Original cycle start date for ISO 45001: **08 March 2021**

Recertification cycle start date: **22 June 2022**

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: **25 June 2025**

Certificate No. **IND.22.8566/IM/U**

Version: **1**

Revision date: **22 June 2022**

Signed on behalf of BVCH SAS UK Branch
Jagdheesh N. MANIAN
Director – CERTIFICATION, South Asia
Commodities, Industry & Facilities Division



0008

Certification body
address:

5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom.

Local office:

Bureau Veritas (India) Private Limited (Certification Business)
72 Business Park, Marol Industrial Area, MIDC Cross Road "C",
Andheri (East), Mumbai – 400 093, India.

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organization. To check this certificate validity please call + 91 22 6274 2000.





o/c

Annexure 22

BEIL INFRASTRUCTURE LIMITED
(formerly known as Bharuch Enviro Infrastructure Limited)
Unit - Dahej

Ref.: BEIL/DHJ/2023-24/26

Date: 30.06.2023

PCB ID # 40137

To,
Integrated Regional Office
Ministry of Environment, Forest and Climate Change,
Room No 407 & 408, Aranya Bhawan,
Near CH-3 Circle, Sector 10A,
Gandhinagar, Gujarat - 382010

Sub.: Half yearly compliance report of two EC's for Common Treatment, Storage, Disposal facility (TSDF) & Multi Effect Evaporator (MEE) and Installation of two incinerators & capacity enhancement of existing landfill period October'22 to March'23.

- Ref.:**
1. Environmental Clearance No. SEIAA/GUJ/EC/7(d)/227/2013 dated 22nd July, 2013 for setting up of common hazardous waste Treatment, Storage, Disposal facility (TSDF) and Multi Effect Evaporator (MEE)
 2. Environmental Clearance F. No. 10-43/2016-IA-III dated 19th Dec, 2018 for Installation of two incinerators and capacity enhancement of Existing Landfill Facility

Dear Sir,

BEIL is operating a TSDF facility consisting of a secured land fill Facility, Multi Effect Evaporator (MEE) followed by spray dryer & Common Incineration Facility located at Plot No. D-43, Dahej Industrial Estate, Tal. Vagra, Dist. Bharuch, Gujarat.

We are submitting here with the half yearly Compliance status report of both the above referred Environment Clearances for period October'22 to March'23. With this, we would also like to inform that EC no F. No. 10-43/2016-IA-III dated 19th Dec, 2018 for Installation of two incinerators and capacity enhancement of existing Landfill are implemented till date. However, Incinerator plant is installed and started from October- 2022.

Landfillable Hazardous waste details are as below:

Landfillable Waste received (During 01.10.2022 to 31.03.2023)	126582.99 MT
Cumulative quantity disposed in landfill from the beginning (up to 31.03.2023)	10,58,510.26 MT

Incinerable waste details are as follows:

Incinerable Waste Receipt	Incinerated
During 01.10.2022 to 31.03.2023: 6251.52 MT	During 01.10.2022 to 31.03.2023: 3060.74 MT
Cumulative Up to 31.03.2023: 6705.52 MT	Cumulative Up to 31.03.2023: 3072.49 MT

CIN NO. U45300GJ1997PLC032696

Works Office : Plot No. D-43, Dahej Amod Road, GIDC Estate, Dahej, T. Vagra - 392 130, Dist. Bharuch (Gujarat)

Phone : (02641) 291129, E-mail : mistryrg@beil.co.in

Regd. Office : Plot No. 9701-16, GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)



BEIL INFRASTRUCTURE LIMITED
(formerly known as Bharuch Enviro Infrastructure Limited)
Unit - Dahej

We hope that the above is in order. In case you need any additional information, we can provide the same on hearing from you.

Thanking you,

Yours faithfully,

For, BEIL Infrastructure Limited

Authorized Signatory

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

30/6/23
Post Received
Gujarat Pollution Control Board
BHARUCH

EC Compliance for the period of Oct'22 to Mar'23 of BEIL Infrastructure Ltd.-Dahej Plot No. D/43, GIDC Estate, Amod Road, dahej - 392130, Dist. Bharuch.

RAJESHKUMAR MISTRY/Project/GUJARAT <mistryrg@beil.co.in>

Fri 6/30/2023 2:49 PM

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

Cc:Janki Kapadia/Environment/BHARUCH <environmentdahj@beil.co.in>;Rakshita Vyas/Environment/Ankleshwar <rakshita.vyas@beil.co.in>;Maheshchandra Trivedi <93000187@beil.co.in>

1 attachments (24 MB)

Final EC Compliance Oct'22 - Mar'23.pdf

Dear sir,

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

Best Regards,

Rajesh Mistry
BEIL Infrastructure Limited
Plot No-D-43
Dahej
Mobile-9099057365

My email ID has been changed to "mistryrg@beil.co.in"

UPL disclaimer

This e-mail and the files transmitted with it are confidential and intended solely for the use of the individual or entity to whom this is addressed. It may also be legally privileged. If you are not the intended recipient or have received it in error, please delete this e-mail and do not disseminate, distribute or copy this e-mail. Please also notify the sender immediately by return e-mail. Any unauthorized reading, reproducing, printing or further dissemination of this e-mail or its contents is strictly prohibited and may be unlawful. Internet communications cannot be guaranteed to be timely, secure, error or virus-free. The sender or UPL does not accept liability for any errors or omissions.



Ref. BEIL/DAHEJ/2015

30th July, 2014

PCB-ID: 40137

To,
Ministry of Environment, Forest and Climate Change,
Regional Office, Western Region,
Kendriya Paryavaran Bhavan,
Link road.3
E-5, Ravishankar Nagar
Bhopal-462016

Kind Attn: Dr. A. Mehtrotra, Director (s)

Subject: Compliance with point no. 64 and 70 of Environmental ClearanceReference: Environmental Clearance order no. SEIAA/GUJ/EC/7(D)/227/2013, Dated: 22/07/2013

Dear Sir;

Bharuch Enviro Infrastructure Ltd., is a Secured Landfill Facility for Hazardous waste at Dahej Industrial Estate. We had received our Environmental Clearance for our TSDF and MEE facility at Plot no. D-43, Dahej Industrial Estate, Tal. Vagra, Dist. Bharuch (Gujarat) in category 7(d) of Schedule annexed with EIA Notification dated 14/09/2006, vide order no. SELAA/GUJ/EC/7(D)/227/2013, Dated: 22/07/2013.

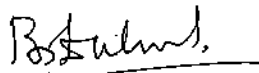
We would like to submit the following information in compliance to Point No.64 & 70 of the said Environment Clearance.

- | | | |
|--|---|----------------------------|
| 1. Date of Application for loan | : | 24.10.2013 |
| 2. Financial Closure (Date of Sanction of Loan) | : | 07.03.2014 (Copy Attached) |
| 3. Drawings Approved by IIT, Delhi on | : | 21.10.2013 (Copy Attached) |
| 4. Land Development and construction work Started on | : | 13.09.2014 |
| 5. Date of Commissioning | : | 29.04.2015 |

Please consider the above details. Copy of Environmental Clearance Attached.

Thanking you,

For, Bharuch Enviro Infrastructure Ltd. (Dahej Unit)


B. D. Dalwadi
Chief Executive Officer

Waz
1-8-2015
Post Received
Gujarat Pollution Control Board
BHARUCH

C.C: (1) State Level Environment Impact Assessment Authority
Gujarat Pollution Control Board,
"Paryavaran Bhavan" Sector 10-A,
Gandhinagar - 382010.

(2) Mr. K. C. Mistry - Sr. Environment Engineer, GPCB, Gandhinagar

(3) The Regional Officer, GPCB, Bharuch

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)