



o/c

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 <environmentdahej@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.

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 22/07/2013 at Gandhinagar. Since the public consultation is	Noted

	required for the project, the SEIAA hereby accords Environmental Clearance to above project under the provisions of EIA Notification dated 14 th September 2008 subject to the compliance of the following conditions.	
--	---	--

SPECIFIC CONDITIONS:

Sr. No.	Description	Status
1.	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>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.</p> <p>Report of GWRDC is attached as ANNEXURE 1.</p>
2	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>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.</p> <p>Drawings approved by IIT; Delhi are attached as ANNEXURE 2.</p>
3	The proponent shall ensure that design and construction of secured landfill site is as per the guidelines of CPCB with proper leachate collection arrangement.	<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 attached as ANNEXURE 3.</p>

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 477 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 1108 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 (October'22 to March'23)

Sr. No	Parameter	Unit	Average of Up-stream borewell	Average of down-stream	Average of outside premises
1	pH		7.08-7.78	7.38-7.51	7.28- 7.79
2	Conductivity	mmhos/cm	55.29	51.11	0.73
3	Turbidity	NTU	1.50	1.32	0.43
4	TSS	mg/l	12.70	9.90	ND
5	TDS	mg/l	35949	33261.17	474.56
6	TOC	mg/l	7.18	6.41	ND
7	Colour	Co-pt	13.67	10.50	4.33
8	COD	mg/l	72.33	63.22	ND
9	Chloride	mg/l	15565.33	14113.56	211.89

Summary Table: Soil Analysis (Post-Monsoon)

Sr No	Parameters	pH	Conductivity (umho/cm)	TSS (%)	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 Tegros	8.6	2538	1.14	1.02

9

The third 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 repute

Complied.

We have constructed Cell#1, Cell# 2 & Cell# 5, Cell#3, Cell# 4 & Cell#6 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 every six months.

	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	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>33168</u> kl and per day is @ 182.34 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>Oct-22</td> <td>3883</td> <td>125.25</td> </tr> <tr> <td>2</td> <td>Nov-22</td> <td>5273</td> <td>175.76</td> </tr> <tr> <td>3</td> <td>Dec-22</td> <td>5917</td> <td>190.87</td> </tr> <tr> <td>4</td> <td>Jan-23</td> <td>5813</td> <td>187.51</td> </tr> <tr> <td>5</td> <td>Feb-23</td> <td>5354</td> <td>191.21</td> </tr> <tr> <td>6</td> <td>Mar-23</td> <td>6928</td> <td>223.48</td> </tr> <tr> <td></td> <td>Average</td> <td>5528</td> <td>182.34</td> </tr> </tbody> </table>	Sr. No	Month	Water Consumption (KL/ month)	Average (KLD)	1	Oct-22	3883	125.25	2	Nov-22	5273	175.76	3	Dec-22	5917	190.87	4	Jan-23	5813	187.51	5	Feb-23	5354	191.21	6	Mar-23	6928	223.48		Average	5528	182.34
Sr. No	Month	Water Consumption (KL/ month)	Average (KLD)																															
1	Oct-22	3883	125.25																															
2	Nov-22	5273	175.76																															
3	Dec-22	5917	190.87																															
4	Jan-23	5813	187.51																															
5	Feb-23	5354	191.21																															
6	Mar-23	6928	223.48																															
	Average	5528	182.34																															
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 (Oct'22 to Mar'22), Average Leachate treated in MEE, is @ 21.13 KLD. Summary of the same as below.</p>																																

			Sr. No	Month	Leachate generation (KL/ month)	Average (KLD)
			1	Oct-22	657.2	21.20
			2	Nov-22	636.0	21.20
			3	Dec-22	656.7	21.18
			4	Jan-23	654.1	21.10
			5	Feb-23	590.8	21.10
			6	Mar-23	651.7	21.02
				Average	641.08	21.13
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	Complied. Condensate water generated from MEE plant is being treated in the Effluent treatment plant having RO as tertiary treatment, then it is utilized for green belt and other industrial purpose.				
13	Domestic wastewater and condensate water from the MEE shall be disposed-off as per the norms to be laid down by the GPCB	Complied. Soak pit & septic tank are provided to dispose domestic wastewater. Condensate water generated from MEE plant is being treated in the Effluent treatment plant and then it is used for green belt and other industrial purpose.				
14	Enough care shall be taken to prevent any leakages/accidental spillages during conveyance of the effluent from the member units to the MEE	Complied. Enough care is being taken to prevent leakages/accidental spillages during conveyance of the effluent from the member units to the MEE.				
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	Complied. 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 monthly patrak, protocols, environment audit reports				

	and furnished to the GPCB 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 (October’22 to March’23), Average HSD consumption is @ 3.2 KL/Month. Summary of the same as below. <table border="1" data-bbox="785 1505 1375 1899"> <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>Oct-22</td> <td>0.1</td> </tr> <tr> <td>2</td> <td>Nov-22</td> <td>0.2</td> </tr> <tr> <td>3</td> <td>Dec-22</td> <td>0.3</td> </tr> <tr> <td>4</td> <td>Jan-23</td> <td>6.0</td> </tr> <tr> <td>5</td> <td>Feb-23</td> <td>2.5</td> </tr> <tr> <td>6</td> <td>Mar-23</td> <td>10.3</td> </tr> <tr> <td></td> <td>Average</td> <td>3.23</td> </tr> </tbody> </table>	Sr. No	Month	Total Consumption of HSD (KL/Month)	1	Oct-22	0.1	2	Nov-22	0.2	3	Dec-22	0.3	4	Jan-23	6.0	5	Feb-23	2.5	6	Mar-23	10.3		Average	3.23
Sr. No	Month	Total Consumption of HSD (KL/Month)																								
1	Oct-22	0.1																								
2	Nov-22	0.2																								
3	Dec-22	0.3																								
4	Jan-23	6.0																								
5	Feb-23	2.5																								
6	Mar-23	10.3																								
	Average	3.23																								
20		Complied.																								

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

We are monitoring DG set and boiler on monthly basis. The flue gas emission from DG set and boiler confirms to the 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 (Oct'22 to Mar'23)

Sr. No.	Parameter	Min.	Max.	Avg.	Permissible Limit
1	SPM (mg/Nm)	52.24	55.96	54.19	150
2	SO ₂ (ppm)	11.05	12.59	11.69	100
3	NO _x (ppm)	20.02	22.65	21.30	50

Summary Table: Boiler Stack Analysis (Oct'22 to Mar'23)

Sr. No	Parameter	Min.	Max.	Avg.	Permissible Limit
1	SPM (mg/Nm)	51.43	53.49	52.38	150
2	SO ₂ (ppm)	15.48	18.96	17.11	100
3	NO _x (ppm)	21.43	24.03	22.98	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 (Oct'22 to Mar'23)</p> <table border="1" data-bbox="655 638 1399 1494"> <thead> <tr> <th>S r. no.</th> <th>Parameters</th> <th>Unit</th> <th>GPCB/CPCB Permissible 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>54.6</td> <td>78.2</td> <td>66.5</td> </tr> <tr> <td>2</td> <td>PM_{2.5}</td> <td>µg/m³</td> <td>60</td> <td>27.1</td> <td>35.2</td> <td>31.69</td> </tr> <tr> <td>3</td> <td>Sulphur Dioxide</td> <td>µg/m³</td> <td>80</td> <td>8.86</td> <td>10.85</td> <td>10.97</td> </tr> <tr> <td>4</td> <td>Nitrogen Dioxide</td> <td>µg/m³</td> <td>80</td> <td>10.6</td> <td>22.7</td> <td>16.97</td> </tr> <tr> <td>5</td> <td>Ammonia (Nh₃)</td> <td>µg/m³</td> <td>400</td> <td>6.6</td> <td>23.3</td> <td>11.83</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. no.	Parameters	Unit	GPCB/CPCB Permissible Limit	Min	Max	Avg	1	RSPM (PM ₁₀)	µg/m ³	100	54.6	78.2	66.5	2	PM _{2.5}	µg/m ³	60	27.1	35.2	31.69	3	Sulphur Dioxide	µg/m ³	80	8.86	10.85	10.97	4	Nitrogen Dioxide	µg/m ³	80	10.6	22.7	16.97	5	Ammonia (Nh ₃)	µg/m ³	400	6.6	23.3	11.83	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
S r. no.	Parameters	Unit	GPCB/CPCB Permissible Limit	Min	Max	Avg																																																											
1	RSPM (PM ₁₀)	µg/m ³	100	54.6	78.2	66.5																																																											
2	PM _{2.5}	µg/m ³	60	27.1	35.2	31.69																																																											
3	Sulphur Dioxide	µg/m ³	80	8.86	10.85	10.97																																																											
4	Nitrogen Dioxide	µg/m ³	80	10.6	22.7	16.97																																																											
5	Ammonia (Nh ₃)	µg/m ³	400	6.6	23.3	11.83																																																											
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																																																											
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 cement 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	<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</p>																																																															

	Transboundary Movement) Rules 2008 and the design and the construction of secured landfill site is as per the guidelines of CPCB with proper leachate collection arrangement.	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 .
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 (Oct'22 to Mar'23) total 2408.9 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. (Oct'22 to Mar'23):

			Month	DRUM RECEIPT	DRUM DECONTAMINATED
			Oct-22	3134	2676
			Nov-22	6718	5279
			Dec-22	9753	10251
			Jan-23	6638	7231
			Feb-23	6203	5194
			Mar-23	6627	5305
			29	Used oil shall be sold only to the registered recyclers.	Complied. In the period of Oct'22 – Mar'22 30 liter 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 250 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 477 dedicated vehicles equipped with GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF.
33	Hazardous materials storage shall be at an isolated designated location, bund/dyke walls shall be provided for storage tanks for hazardous Chemicals.	Complied. 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 2022-23 B) Training attendance sheets 2022- 2023 (Oct'22- Mar'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	

	<p>On-Site Emergency Management Plan and Disaster Management Plan (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.</p>	<p>Complied.</p> <p>We've prepared and Implemented Onsite Emergency Plan and Disaster Management Plan.</p> <p>On-site emergency plan & disaster management plan is attached as ANNEXURE 10.</p> <p>Fire hydrants (Existing storage capacity 250 KL), fire extinguishers are provided.</p>
--	---	--

A.5 NOISE:

39	<p>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>	<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) (Oct'22 to Mar'23)</p> <table border="1" data-bbox="655 1205 1441 2047"> <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>62.2</td> <td>66.4</td> <td>64.08</td> <td>75</td> </tr> <tr> <td>2</td> <td>Behind ADM Building (dB)</td> <td>59.4</td> <td>64.3</td> <td>61.46</td> <td>75</td> </tr> <tr> <td>3</td> <td>Near EB 1 Borewell (dB)</td> <td>59.2</td> <td>66.9</td> <td>61.91</td> <td>75</td> </tr> <tr> <td>4</td> <td>Nr. Monsoon Shed</td> <td>63.2</td> <td>67.3</td> <td>65.25</td> <td>75</td> </tr> <tr> <td>5</td> <td>B/H Landfill cell 4</td> <td>50.4</td> <td>59.8</td> <td>56.56</td> <td>75</td> </tr> <tr> <td>6</td> <td>Nr Drum shed area</td> <td>67.2</td> <td>70.2</td> <td>69.1</td> <td>75</td> </tr> </tbody> </table>	Sr. No	Place	Min	Max.	Avg.	Permissible Limit (dB)	1	Near Main Gate (dB)	62.2	66.4	64.08	75	2	Behind ADM Building (dB)	59.4	64.3	61.46	75	3	Near EB 1 Borewell (dB)	59.2	66.9	61.91	75	4	Nr. Monsoon Shed	63.2	67.3	65.25	75	5	B/H Landfill cell 4	50.4	59.8	56.56	75	6	Nr Drum shed area	67.2	70.2	69.1	75
Sr. No	Place	Min	Max.	Avg.	Permissible Limit (dB)																																							
1	Near Main Gate (dB)	62.2	66.4	64.08	75																																							
2	Behind ADM Building (dB)	59.4	64.3	61.46	75																																							
3	Near EB 1 Borewell (dB)	59.2	66.9	61.91	75																																							
4	Nr. Monsoon Shed	63.2	67.3	65.25	75																																							
5	B/H Landfill cell 4	50.4	59.8	56.56	75																																							
6	Nr Drum shed area	67.2	70.2	69.1	75																																							

		7	Opp Khetan Ind	58.9	65.9	62.6	75
		8	Nr Stab plant	61.8	65.5	64	75
		9	Nr D.G Set	66.6	68.5	67.5	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</p>

		<p>D) Tree Guard Distribution to Nandarkha village Gram Panchayat.</p> <p>E) Tree Guard Distribution to Kadodara village Gram Panchayat.</p> <p>F) Photos of tree plantation at Compost site Dahej.</p>
--	--	---

OTHER CONDITIONS:

Sr. No.	Description	Status
42	Project Proponent shall obtain necessary Authorization/ Consents from the Gujarat Pollution Control Board	<p>Complied.</p> <p>We have received CCA renewal 109249 dated 14.09.2020 and it is valid up to 17.04.2025.</p>
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	<p>Complied.</p> <p>A full-fledged laboratory, well qualified and experienced staff is appointed in the environment cell. The details are as given below:</p> <p>Environment Cell at Site:</p> <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) <p>Corporate Environment Cell:</p> <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	<p>Complied.</p> <p>As and when the situation arises, we ensure to stop taking effluent from member units</p>

	shall not be received until the desired efficiency of MEE has been achieved.	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	Complied. We have complied all the provisions of CPCB guidelines for TSDF as applicable from time to time and in future also we shall comply. Summary of the guidelines Compliance is attached as ANNEXURE 3 .
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	Complied. We are submitting monthly report to GPCB office.
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.	Complied. 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.
49	BEIL shall instruct and make sure that each member unit provides effluent storage tank and hazardous waste storage area having adequate retention time.	Complied. 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>Samples of our membership form and member's documents were shown at the time of visit from RO-MOEF, Bhopal. GPCB mentions a condition in every industry's CCA, that the industry needs to provide effluent storage tanks and 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	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>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	Pucca flooring/ impervious layer shall be provided in the work area, chemical storage area and chemical handling area to minimize soil contamination	<p>Complied.</p> <p>We have provided impervious flooring in the work area, chemical storage area and chemical handling area to minimize soil contamination.</p>
52	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>Complied.</p> <ul style="list-style-type: none"> ➤ We ensure the housekeeping is good, and no major dusting is observed. 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.

		<ul style="list-style-type: none"> ➤ 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 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. ➤ 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. ➤ 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>Please refer Annexure 16:</p> <ul style="list-style-type: none"> A) Picture of plant showing separate garland drain & storm water channel. B) Picture showing garland drain, effluent collection chamber of drain and plant area. C) Leachate tank with dyke wall.

		<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 drains shall be kept separate and shall remain dry throughout the year except monsoon.	<p>Complied.</p> <p>Separate storm water drain is provided. If the storm water gets contaminated it is treated in our MEE plant.</p>																		
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.	<p>Complied.</p> <p>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.</p>																		
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.	<p>Complied.</p> <p>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.</p> <p>A year wise expenditure on environmental safeguards is mentioned in the below table:</p> <p>-</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> </tbody> </table> <p>This expenditure is informed to SPCB in Form 5 (ES) and are included in half yearly Compliance report being submitted to MoEF&CC.</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
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																		
57	All the issues raised in the public hearing shall be comprehensively addressed/ compiled with in a time bound manner.	<p>Complied</p> <p>All the issues raised in public hearing were addressed/complied on time.</p> <p>Please refer Annexure 17: Compliance Report of Public Hearing.</p>																		

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 consultation with the District Development Officer/District Collector.

Complied.

- We have donated Rs. 15000 to Bhutnath Charitable Trust and we are also providing monthly salary to Local villagers (Mr. Rajendra Parmar & Mr. 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.

		<p>Please refer Annexure 18:</p> <p>A) Inward copy of Letter submitted to DC/DDO offices</p> <p>B) Photos of Compost Site built by BEIL in Dahej village as a Solid waste management program.</p> <p>C) Photos of free medical health checkup camp at dahej gov. college.</p>
59	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>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	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>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	BEIL shall thrive to obtain the ISO 14001 and OSHAS 18001 Certification	<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	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>Complied.</p>
63	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 1 st June and 1 st December of each calendar year	<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</p>

		to the regulatory authority with our EC compliance report. Acknowledgement copy of the last submitted copies are attached as 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 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" data-bbox="922 1845 1455 2049"> <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> </tbody> </table>	Sr. No.	Year	Expense	1	2018 – 2019	13,40,242	2	2019 – 2020	30,90,150	3	2020 – 2021	1,70,76,593
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
		This expenditure is informed to SPCB in 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.	<p>Complied.</p> <p>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.</p> <p>Annexure 24: A) EC copy. B) Newspaper advertisements dated 24th August'13.</p>		
69	The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.	<p>Complied.</p> <p>All the conditions stipulated in the CC&A are complied.</p>		
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.	<p>Complied.</p> <p>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.</p> <p>Same is attached as ANNEXURE 23.</p>		
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	<p>Complied</p> <p>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</p>		

	Wastes (Management, Handling and Transboundary Movement) Rules 2008 and the public Liability Insurance Act 1991 along with their amendments and rules.	which is valid up to 30.04.2024. PLI Policy is attached as Annexure 25 .
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

	Particulars	Existing	Proposed																																	
	Land area	2,85,343.76 m ²	Nil																																	
	Secured landfill capacity	14 LMT	19LMT																																	
	Incinerator	Nil	2 Nos. 12 Million Kcal/hr																																	
	Water consumption	466 KLD	900 KLD																																	
	Power	475 KVA	1920 KVA																																	
	D.G.	1 no 600 KVA	3 nos. (910 KVA) capacity																																	
	Employment	Employee-23 Worker – 84	Construction phase 150 workman Operation phase: 60 workmen																																	
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>Oct-22</td> <td>3883</td> <td>125.25</td> </tr> <tr> <td>2</td> <td>Nov-22</td> <td>5273</td> <td>175.76</td> </tr> <tr> <td>3</td> <td>Dec-22</td> <td>5917</td> <td>190.87</td> </tr> <tr> <td>4</td> <td>Jan-23</td> <td>5813</td> <td>187.51</td> </tr> <tr> <td>5</td> <td>Feb-23</td> <td>5354</td> <td>191.21</td> </tr> <tr> <td>6</td> <td>Mar-23</td> <td>6928</td> <td>223.48</td> </tr> <tr> <td></td> <td>Average</td> <td>5528</td> <td>182.34</td> </tr> </tbody> </table>	Sr. No	Month	GIDC Water Consumption (KL/ month)	Average (KLD)	1	Oct-22	3883	125.25	2	Nov-22	5273	175.76	3	Dec-22	5917	190.87	4	Jan-23	5813	187.51	5	Feb-23	5354	191.21	6	Mar-23	6928	223.48		Average	5528	182.34
Sr. No	Month	GIDC Water Consumption (KL/ month)	Average (KLD)																																	
1	Oct-22	3883	125.25																																	
2	Nov-22	5273	175.76																																	
3	Dec-22	5917	190.87																																	
4	Jan-23	5813	187.51																																	
5	Feb-23	5354	191.21																																	
6	Mar-23	6928	223.48																																	
	Average	5528	182.34																																	
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			<p>Noted & complied.</p> <ol style="list-style-type: none"> 1. Leachate treated in MEE 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. 																																

	generated from the project shall be disposed as per MSW Rules, 2016.	
7	Hazardous solid waste generated as the residue from MEE after treatment of 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.	Noted & complied 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	Noted

	employment and hence job opportunities for the local people as well as migrants from nearby areas would increase.	
13	Employment potential: About 150 persons (construction phase) & 60 persons (operational phase).	Noted 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	Complied We have obtained CTE on 24.12.2019.

	under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.	
2	The Project proponent should ensure that the TSDF fulfils all the provisions of Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016.	Shall be complied
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 Conocarpus, 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 1108 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; ventury scrubber followed by packed bed scrubber with caustic circulation to neutralize the acidic vapours in flue gas; and demister column for arresting water carry over will be provided to the incinerator. Online pollutant monitoring shall be provided as per CPCB guidelines for monitoring particulate matter, SO ₂ , Nox 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. 1. APCD like Spray dryer absorber, Bag filter, wet scrubber and Demister are installed in Incinerator. 2. Online monitoring for SO ₂ , NO _x and CO provided as per CPCB guidelines. 3. Dioxins and Furans emission will be monitored periodically.
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 May-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 and Disposal Facilities' published by the CPCB in May 2010.	Complied. We are submitting protocol regularly.																																																								
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 shall be used to operate the MEE.																																																								
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 iit 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: <table border="1" data-bbox="708 1323 1481 1993"> <thead> <tr> <th>Sr no</th> <th>Parameters</th> <th>Unit</th> <th>GPCB/CP CB Permissible 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>54.8</td> <td>74.23</td> <td>63.7</td> </tr> <tr> <td>2</td> <td>PM_{2.5}</td> <td>µg/m₃</td> <td>60</td> <td>24.73</td> <td>35.83</td> <td>30.91</td> </tr> <tr> <td>3</td> <td>Sulphur Dioxide</td> <td>µg/m₃</td> <td>80</td> <td>8.86</td> <td>10.85</td> <td>10.97</td> </tr> <tr> <td>4</td> <td>Nitrogen Dioxide</td> <td>µg/m₃</td> <td>80</td> <td>10.6</td> <td>22.7</td> <td>16.97</td> </tr> <tr> <td>5</td> <td>Ammonia (Nh₃)</td> <td>µg/m₃</td> <td>400</td> <td>6.6</td> <td>23.3</td> <td>11.83</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> </tbody> </table>	Sr no	Parameters	Unit	GPCB/CP CB Permissible Limit	Min	Max	Avg	1	RSPM (PM ₁₀)	µg/m ₃	100	54.8	74.23	63.7	2	PM _{2.5}	µg/m ₃	60	24.73	35.83	30.91	3	Sulphur Dioxide	µg/m ₃	80	8.86	10.85	10.97	4	Nitrogen Dioxide	µg/m ₃	80	10.6	22.7	16.97	5	Ammonia (Nh ₃)	µg/m ₃	400	6.6	23.3	11.83	6	Lead as Pb	µg/m ₃	ND	ND	ND	ND	7	Nickel as Ni	ng/m ₃	ND	ND	ND	ND
Sr no	Parameters	Unit	GPCB/CP CB Permissible Limit	Min	Max	Avg																																																				
1	RSPM (PM ₁₀)	µg/m ₃	100	54.8	74.23	63.7																																																				
2	PM _{2.5}	µg/m ₃	60	24.73	35.83	30.91																																																				
3	Sulphur Dioxide	µg/m ₃	80	8.86	10.85	10.97																																																				
4	Nitrogen Dioxide	µg/m ₃	80	10.6	22.7	16.97																																																				
5	Ammonia (Nh ₃)	µg/m ₃	400	6.6	23.3	11.83																																																				
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																																																																								
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 Board.	<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 is 7.5 (> 2 m as per landfill criteria) meter above the ground water table.</p>																																																																														
13	Environmental Monitoring Programme shall be implemented as per EIA report and guidelines prescribed by CPCB for hazardous waste facilities. Periodical ground water/soil monitoring to check the contamination in and around the site shall be carried out.	<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 (October'22 to March'23)</p> <table border="1"> <thead> <tr> <th>Sr No</th> <th>Parameter</th> <th>Unit</th> <th>Average of Up-stream borewell</th> <th>Average of down-stream</th> <th>Average of outside premises</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>pH</td> <td></td> <td>7.08-7.78</td> <td>7.38-7.51</td> <td>7.28-7.79</td> </tr> <tr> <td>2</td> <td>Conductivity</td> <td>mmhos/cm</td> <td>55.29</td> <td>51.11</td> <td>0.73</td> </tr> <tr> <td>3</td> <td>Turbidity</td> <td>NTU</td> <td>1.50</td> <td>1.32</td> <td>0.43</td> </tr> <tr> <td>4</td> <td>TSS</td> <td>mg/l</td> <td>12.70</td> <td>9.90</td> <td>ND</td> </tr> <tr> <td>5</td> <td>TDS</td> <td>mg/l</td> <td>35949</td> <td>33261.17</td> <td>474.56</td> </tr> <tr> <td>6</td> <td>TOC</td> <td>mg/l</td> <td>7.18</td> <td>6.41</td> <td>ND</td> </tr> <tr> <td>7</td> <td>Colour</td> <td>Co-pt</td> <td>13.67</td> <td>10.50</td> <td>4.33</td> </tr> <tr> <td>8</td> <td>COD</td> <td>mg/l</td> <td>72.33</td> <td>63.22</td> <td>ND</td> </tr> <tr> <td>9</td> <td>Chloride</td> <td>mg/l</td> <td>15565.33</td> <td>14113.56</td> <td>211.89</td> </tr> </tbody> </table> <p>Summary Table: Soil Analysis (Post-Monsoon)</p> <table border="1"> <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> </tbody> </table>							Sr No	Parameter	Unit	Average of Up-stream borewell	Average of down-stream	Average of outside premises	1	pH		7.08-7.78	7.38-7.51	7.28-7.79	2	Conductivity	mmhos/cm	55.29	51.11	0.73	3	Turbidity	NTU	1.50	1.32	0.43	4	TSS	mg/l	12.70	9.90	ND	5	TDS	mg/l	35949	33261.17	474.56	6	TOC	mg/l	7.18	6.41	ND	7	Colour	Co-pt	13.67	10.50	4.33	8	COD	mg/l	72.33	63.22	ND	9	Chloride	mg/l	15565.33	14113.56	211.89	Sr No	Parameters	pH	Conductivity (umho/cm)	TDS (%)	TOC (%)	1	Nr EB-1	8.6	2074	0.99	0.81
Sr No	Parameter	Unit	Average of Up-stream borewell	Average of down-stream	Average of outside premises																																																																											
1	pH		7.08-7.78	7.38-7.51	7.28-7.79																																																																											
2	Conductivity	mmhos/cm	55.29	51.11	0.73																																																																											
3	Turbidity	NTU	1.50	1.32	0.43																																																																											
4	TSS	mg/l	12.70	9.90	ND																																																																											
5	TDS	mg/l	35949	33261.17	474.56																																																																											
6	TOC	mg/l	7.18	6.41	ND																																																																											
7	Colour	Co-pt	13.67	10.50	4.33																																																																											
8	COD	mg/l	72.33	63.22	ND																																																																											
9	Chloride	mg/l	15565.33	14113.56	211.89																																																																											
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 Tegros	8.6	2538	1.14	1.02
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 are 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 hazardous waste constituents to air, soil or surface water.	Complied Onsite emergency plan is submitted to factory inspector.															
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/SPCB 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/-</td> </tr> <tr> <td></td> <td></td> <td>Fabrication & Erection of Structure for Making shed on Kitchen Waste Mixing Pit and Storage Shed for Plastic - Rs.1,33,814/-</td> </tr> <tr> <td></td> <td></td> <td>Construction of Compost Pit & Other Structure - Rs.7,52,583/-</td> </tr> <tr> <td></td> <td></td> <td>Project of collection of Kitchen Waste (door to door) - Rs.5,12,946/-</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/-
		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																		
B	GENERAL CONDITIONS																					
1	A copy of the environmental clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industries Centre and Collector's Office/ Tehsildar's office for 30 days.	Noted.																				
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 902.72 Lacs till March 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> </tbody> </table> <p>This expenditure is informed to SPCB 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
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																				
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	Noted																				

	forwarded to the APCCF, Regional Office of MOEF & CC, Bhopal.	
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 (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Noted
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	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

	copy of the same shall be forwarded to the Regional Office of this Ministry at Bhopal.	
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 concerned Panchayat, Zilla Parisad /Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Complied We have sent the clearance letter to the nearby panchayat's, municipal corporation, and local NGO. Letter is attached as Annexure – 30.
11	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} , PM ₁₀ , SO ₂ , 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.	Complied. <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	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.	Complied 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 will mail to MoEF&CC.

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

=====

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

Date: 27/04/12

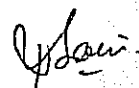
To,
The Dy.General Manager
Bharuch Enviro. Infrastructures Ltd.,
Plot No.9701-16, GIDC Estate, P.B.No.82,
ANKLESHWAR - 393 002.

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.

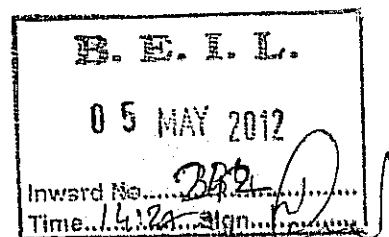
Copy submitted to:

- > 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 ≈ ≈



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.

RECOMMANDATIONS:

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.

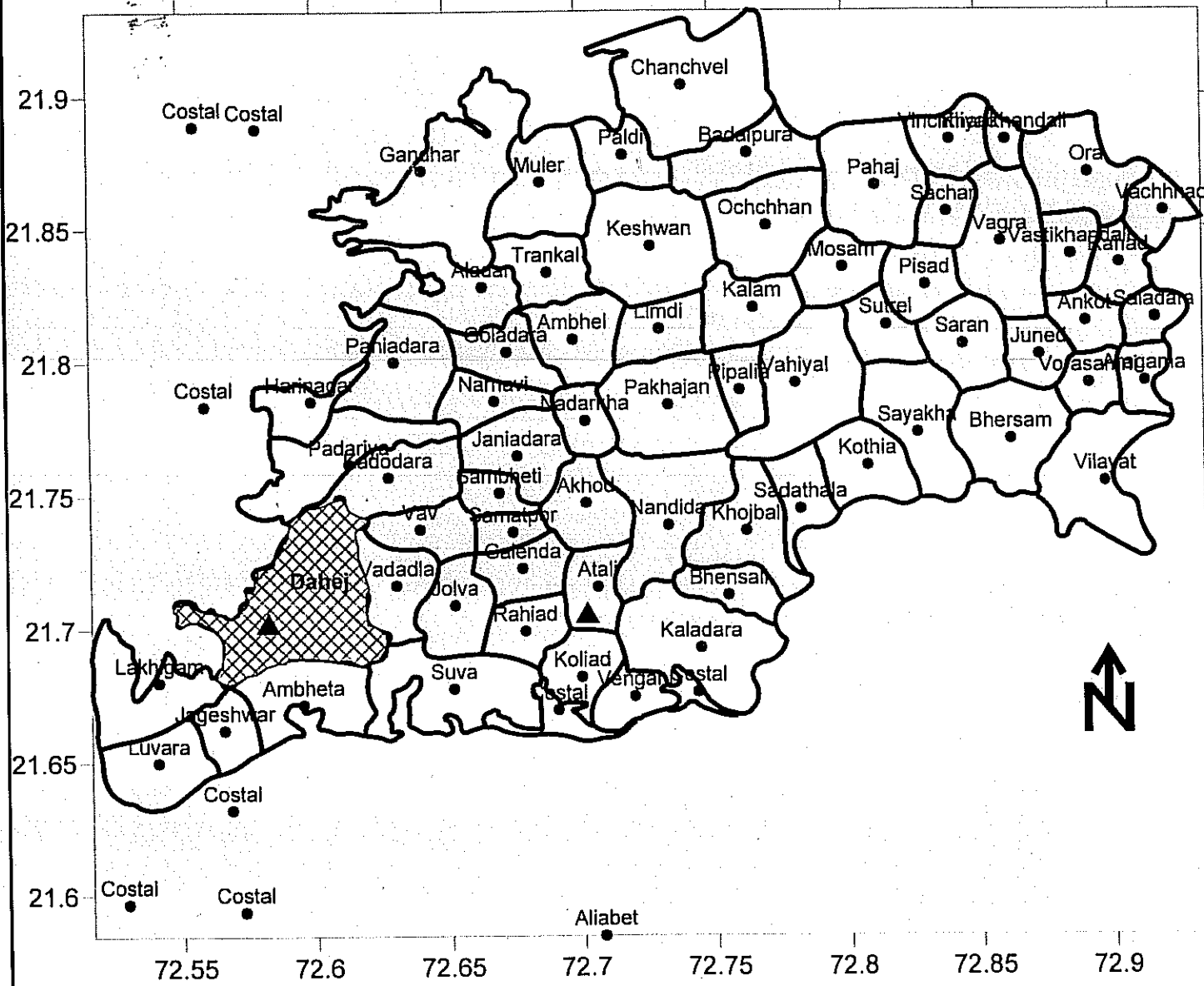
The details of set of bores comprising one piezometer nest to be drilled are mentioned below.

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

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



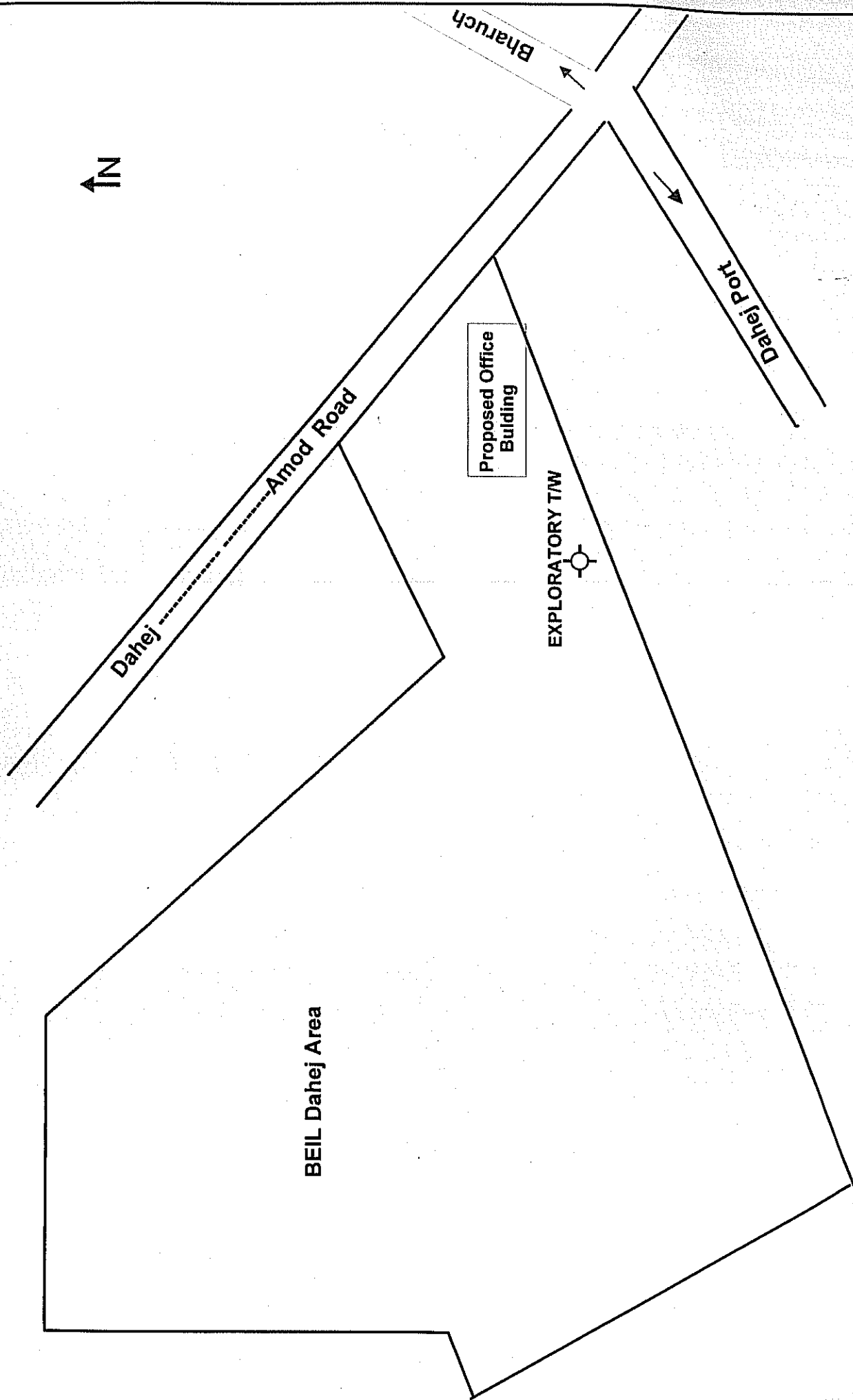
VILLAGE DAHEJ



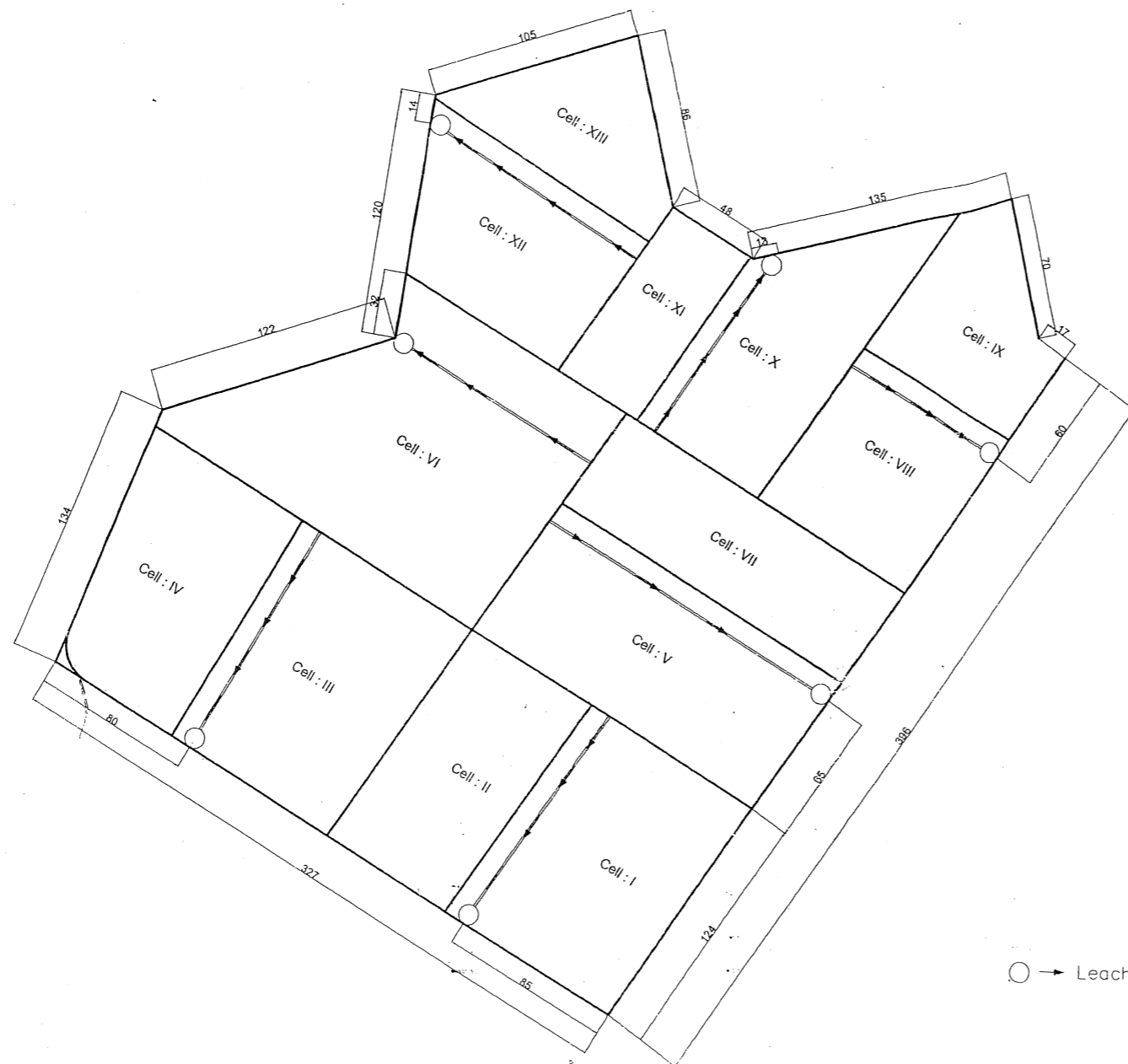
MONITORING PIEZOMETER

Plate-II

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



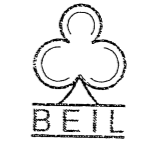
Annexure 2




PLAN OF YEARLY PHASES OF LANDFILL

NAME OF DRAWING
PLAN OF YEARLY PHASES OF LANDFILL

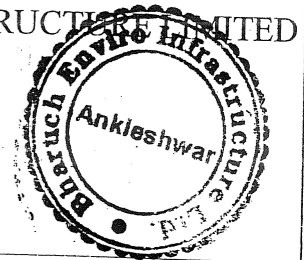
PROJECTS :
CONSTRUCTION OF SECURED LANDFILL FACILITY



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

DESIGN & DRAWN BY :

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

Handwritten signature



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

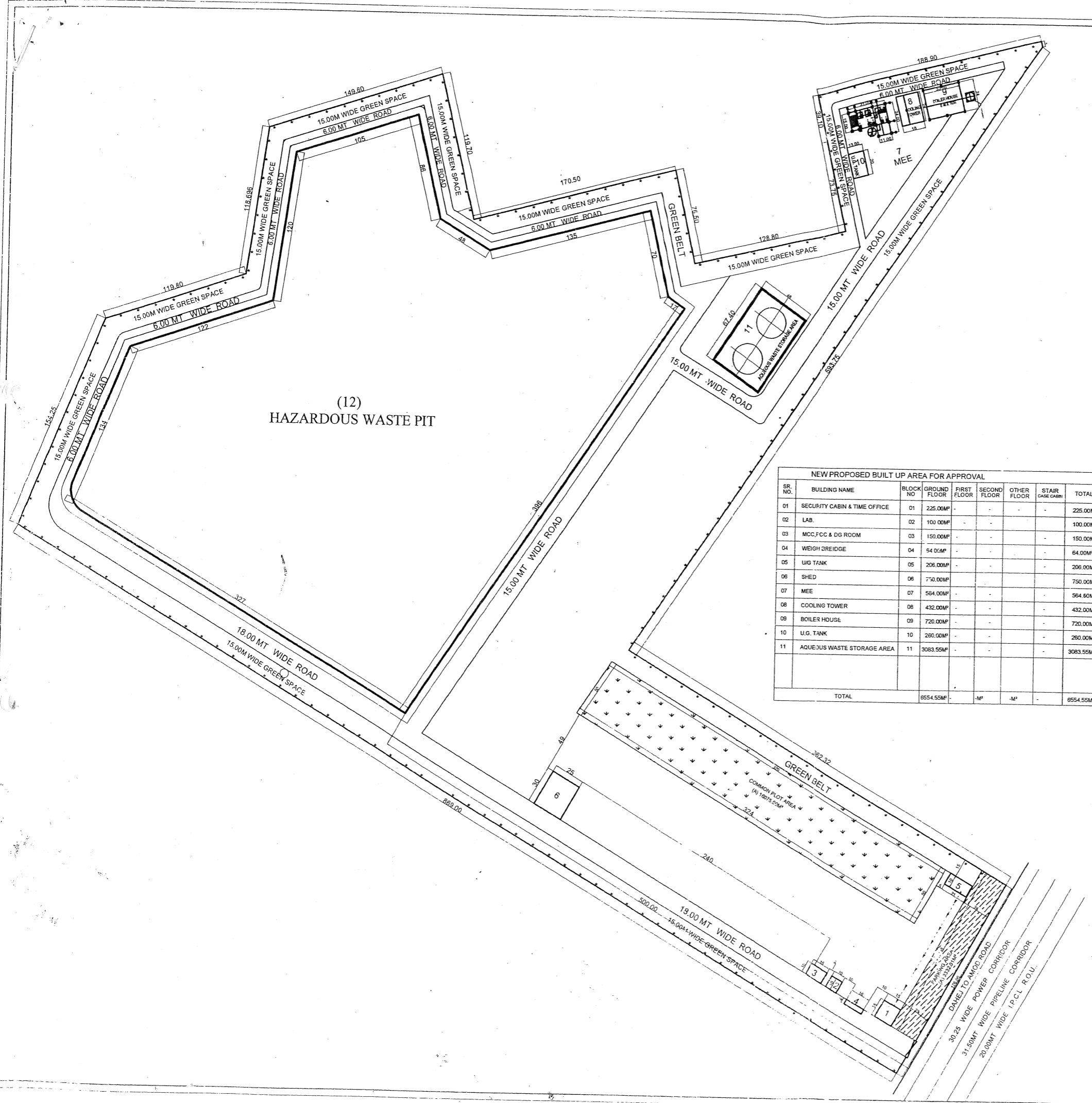
Handwritten signature
Dr. Manoj Datta
 Professor
 Civil Engineering Department
 Indian Institute of Technology Delhi
 Hauz Khas, New Delhi - 110016

Handwritten signature

DRG NO	REV.	DATE
BEIL-LAY-05		26.09.13

ALL DIMENSIONS SHOWN ARE IN METER

SCALE
 N.T.S.



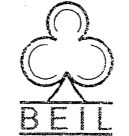
(12)
HAZARDOUS WASTE PIT

NEW PROPOSED BUILT UP AREA FOR APPROVAL

Sr. NO.	BUILDING NAME	BLOCK NO	GROUND FLOOR	FIRST FLOOR	SECOND FLOOR	OTHER FLOOR	STAIR CASE CABIN	TOTAL
01	SECURITY CABIN & TIME OFFICE	01	225.00M²	-	-	-	-	225.00M²
02	LAB.	02	100.00M²	-	-	-	-	100.00M²
03	MCC, FCC & DG ROOM	03	150.00M²	-	-	-	-	150.00M²
04	WEIGH BRIDGE	04	54.00M²	-	-	-	-	54.00M²
05	UG TANK	05	206.00M²	-	-	-	-	206.00M²
06	SHED	06	750.00M²	-	-	-	-	750.00M²
07	MEE	07	584.00M²	-	-	-	-	584.00M²
08	COOLING TOWER	08	432.00M²	-	-	-	-	432.00M²
09	BOILER HOUSE	09	720.00M²	-	-	-	-	720.00M²
10	U.G. TANK	10	260.00M²	-	-	-	-	260.00M²
11	AQUEOUS WASTE STORAGE AREA	11	3083.55M²	-	-	-	-	3083.55M²
TOTAL			6554.55M²	-M²	-M²	-	-	6554.55M²

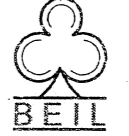
NAME OF DRAWING
GENERAL LAYOUT

PROJECTS :
CONSTRUCTION OF SECURED LANDFILL FACILITY



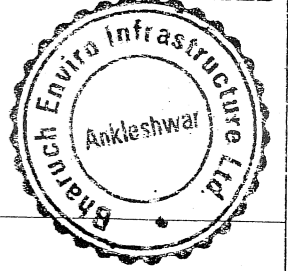
BHARUCH ENVIRO INFRASTRUCTURE LIMITED
PLOT NO: 43, GIDC, DAHEJ

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 :

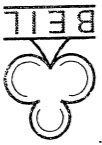
CONSTRUCTION OF SECURED LANDFILL FACILITY



BHARUCH ENVIRO INFRASTRUCTURE LIMITED

PLOT NO: 43, GIDC, DAHEJ

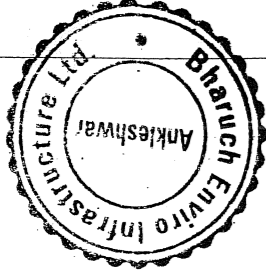
DESIGN & DRAWN BY :



BHARUCH ENVIRO INFRASTRUCTURE LIMITED

PLOT NO: 43, GIDC, DAHEJ

Ankeshwar



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-02

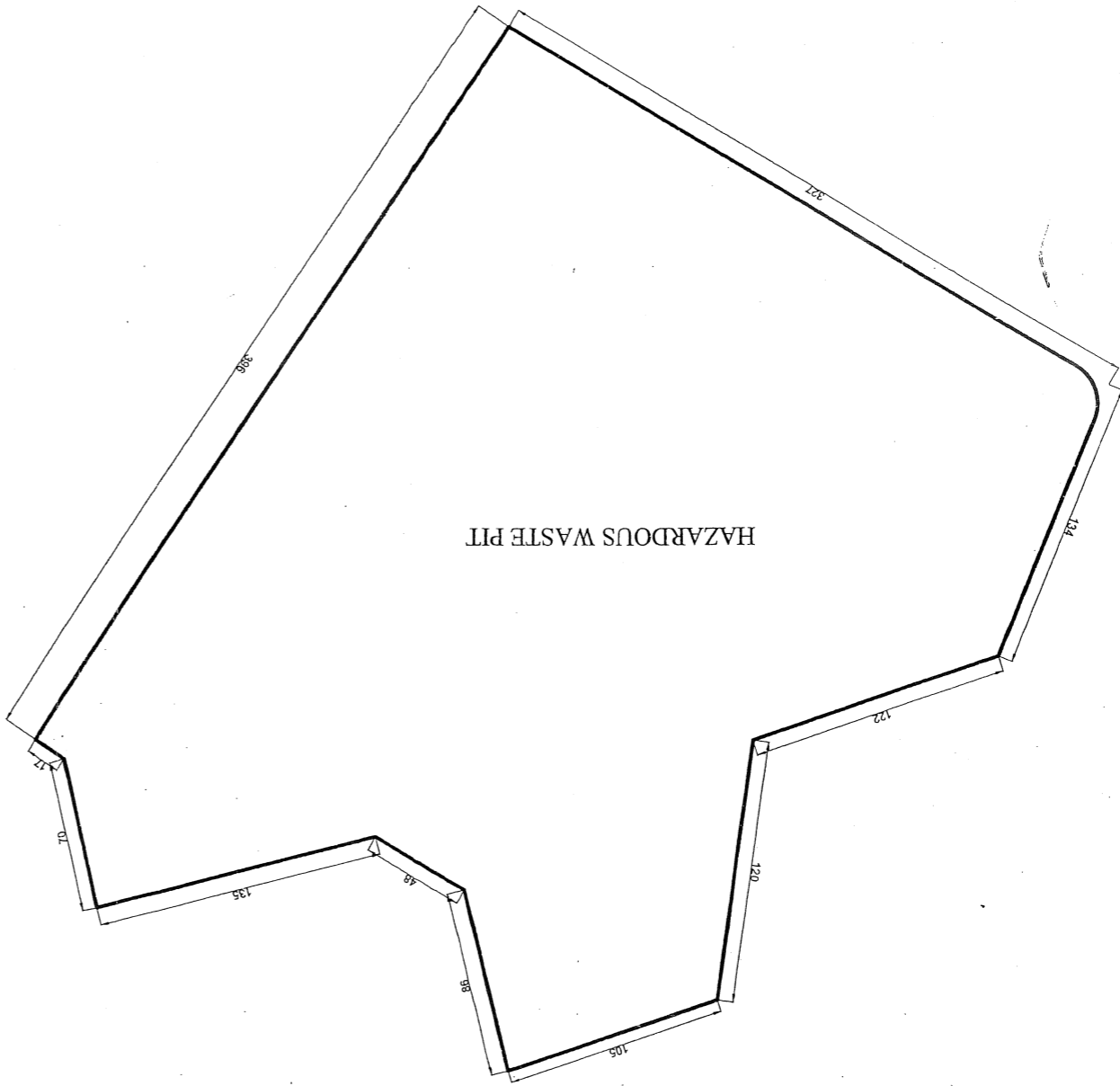
26.09.13

SCALE

N.T.S.

ALL DIMENSIONS SHOWN ARE IN METERS

PLAN OF LANDFILL





INDIAN INSTITUTE OF TECHNOLOGY, DELHI

Department of Civil Engineering

Hauz Khas, New Delhi – 110 016

Dr. Manoj Datta
Professor & Head

Phone: 26591183/26591241 (O)

Fax: 26581117/26862037

Email: mdatta@civil.iitd.ac.in

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,

(Dr. Manoj Datta)



INDIAN INSTITUTE OF TECHNOLOGY, DELHI

Department of Civil Engineering

Hauz Khas, New Delhi – 110 016

Dr. Manoj Datta
Professor & Head

Phone: 26591183/26591241 (O)

Fax: 26581117/26862037

Email: mdatta@civil.iitd.ac.in

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)



INDIAN INSTITUTE OF TECHNOLOGY, DELHI

Department of Civil Engineering

Hauz Khas, New Delhi – 110 016

Dr. Manoj Datta
Professor

Phone: 26591183/26591241 (O)

Fax: 26581117/26862037

Email: mdatta@civil.iitd.ac.in

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)



Civil Engineering Department
INDIAN INSTITUTE OF TECHNOLOGY DELHI
Hauz Khas, New Delhi-110 016, India

Tel. : 91-11-26591241, 26596422
Fax. : 91-11-26581117
e-mail : hodcivil@admin.iitd.ac.in

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 : 09-May-23

BEIL INFOSYSTEM - BEIL
BHARUCH ENVIRO INFRASTRUCTURE LTD.

Page 1 of 18

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Receipt Date To:

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	60d0b29b52			01-10-22 10:49:43	01-Oct-2022 16.51	Date-expired and off-specification pesticides (29.3)	SOLID	DATE EXPIRED	6230.000	7.12	4775	NOT APPLICABLE	2.08	22.89	DRUMS	4.83	NFF	SOLID		4.02
2	168618c978			01-10-22 11:10:07	01-Oct-2022 16.39	Any process or distillation residue (36.1)	ORGANIC LIQUID	ANY PROCESS WASTE.	6710.000	1.12	5492	NOT APPLICABLE	18.31	94.96	DRUMS	1.41	FF	OLW	1.82	2.96
3	7723e3e604			01-10-22 17:21:00	03-Oct-2022 10.00	Spent solvents (20.2)	ORGANIC LIQUID	SPENT SOLVENTS.	6260.000	1.07	5423	NOT APPLICABLE	4.42	95.19	DRUMS	0.86	FF	OLW	1.86	8.41
4	d441ccb5f5			02-10-22 10:03:53	03-Oct-2022 09.54	Any process or distillation residue (36.1)	SOLID	ANY PROCESS.	10290.000	6.59	3780	NOT APPLICABLE	4.29	19.13	DRUMS	0.46	NFF	SOLID		2.92
5	881fc62b04			02-10-22 10:24:13	03-Oct-2022 09.57	Off specification products (28.4)	SEMI-SOLID	OFF SPECIFICATION.	3525.000	2.94	6267	NOT APPLICABLE	3.17	34.84	BAGS	0.21	NFF	SEMI-SOLID		7.56
6	cc47065146			03-10-22 08:54:37	03-Oct-2022 15.59	Date-expired and off-specification pesticides (29.3)	SOLID	DATE EXPIRED	4630.000	1.15	5441	NOT APPLICABLE	1.03	15.26	DRUMS	4.13	NFF	SOLID		4.06
7	4f825cdbf9			03-10-22 17:14:22	04-Oct-2022 10.45	Process wastes or residues (29.1)	SOLID	CONTAMINATED EMPTY.	6020.000	1.80	5092	NOT APPLICABLE	0.96	3.11	BAGS	0.42	NFF	SOLID		8.19
8	c271bf1f74			04-10-22 07:48:10	04-Oct-2022 16.07	Distillation residues (20.3)	ORGANIC LIQUID	DISTILLATION WASTE.	9860.000	1.09	3428	NOT APPLICABLE	22.69	90.86	DRUMS	0.12	FF	OLW	3.20	3.06
9	68966be325			04-10-22 11:13:30	12-Oct-2022 14.07	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	10890.000	2.55	4830	NOT APPLICABLE	45.01	56.02	DRUMS	1.08	NFF	SEMI-SOLID		3.09

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Receipt Date To:

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	8456415ffe			04-10-22 11:47:24	04-Oct-2022 16.12	Spent solvents (20.2)	AQUEOUS	SPENT SOLVENTS.	9730.00 0	12.60	817	NOT APPLICABLE	2.63	64.94	DRUMS	1.46	FF	AQUEOUS	74.47	9.86
11	853e1bad9c			04-10-22 14:21:46	12-Oct-2022 14.11	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12970.00 00	3.30	2797	NOT APPLICABLE	48.52	52.92	DRUMS	0.80	NFF	SEMI-SOLID		4.84
12	866d0540d1			05-10-22 10:14:22	12-Oct-2022 14.17	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12360.00 00	1.49	3826	NOT APPLICABLE	48.53	49.44	DRUMS	1.01	NFF	SEMI-SOLID		4.89
13	d9a4dae474			05-10-22 10:17:17	12-Oct-2022 14.14	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	8760.00 0	1.61	4818	NOT APPLICABLE	33.54	33.50	DRUMS	1.11	NFF	SEMI-SOLID		6.90
14	34f67e2ee2			05-10-22 11:08:34	05-Oct-2022 15.55	Wastes or residues containing oil (5.2)	SOLID	WASTES OR RESIDUES.	2430.00 0	1.04	5241	NOT APPLICABLE	0.81	2.96	BAGS	0.25	NFF	SOLID		8.12
15	c7494cd278			05-10-22 14:01:41	06-Oct-2022 10.06	Distillation residues (20.3)	SEMI-SOLID	DISTILLATION RESIDUES.	14530.00 00	19.64	640	NOT APPLICABLE	9.02	48.10	DRUMS	2.19	NFF	SEMI-SOLID		7.99
16	ce43098ec8			06-10-22 08:02:00	12-Oct-2022 14.21	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12920.00 00	2.06	2430	NOT APPLICABLE	30.82	52.73	DRUMS	0.38	NFF	SEMI-SOLID		4.86
17	46f9740df3			06-10-22 08:07:33	12-Oct-2022 14.25	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	11080.00 00	2.46	1810	NOT APPLICABLE	16.05	66.32	DRUMS	0.68	NFF	SEMI-SOLID		6.16
18	0ec920d3e7			06-10-22 14:22:49	12-Oct-2022 14.30	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	11860.00 00	2.55	3884	NOT APPLICABLE	48.96	52.49	DRUMS	0.67	NFF	SEMI-SOLID		3.30

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Receipt Date To:

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	88d1790770			06-10-22 14:25:00	13-Oct-2022 10.24	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12920.000	3.26	2848	NOT APPLICABLE	28.25	61.12	DRUMS	1.48	NFF	SEMI-SOLID		4.24
20	ef281bd7f5			06-10-22 14:31:59	07-Oct-2022 09.32	Process Residue and wastes (28.1)	SEMI-SOLID	PROCESS WASTE.	7780.000	1.88	3930	NOT APPLICABLE	5.76	66.15	DRUMS	0.09	NFF	SEMI-SOLID		8.11
21	8cc8628aa5			06-10-22 15:38:15	07-Oct-2022 09.35	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS WASTE..	21210.000	0.89	5262	NOT APPLICABLE	1.59	94.15	TANKER	3.04	FF	OLW	1.89	9.07
22	a45a7770cd			07-10-22 08:15:11	13-Oct-2022 10.21	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12980.000	2.17	3349	NOT APPLICABLE	48.49	67.32	DRUMS	1.01	NFF	SEMI-SOLID		3.98
23	639aec23d3			07-10-22 08:24:58	13-Oct-2022 10.18	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12480.000	1.88	4021	NOT APPLICABLE	48.78	61.96	DRUMS	0.69	NFF	SEMI-SOLID		5.78
24	ea9e4e8487			07-10-22 08:29:54	08-Oct-2022 09.27	Process wastes or residues (29.1)	SOLID	PROCESS WASTE.	790.000	0.96	6485	NOT APPLICABLE	1.33	1.55	BAGS	0.28	NFF	SOLID		8.70
25	c66dc8a818			07-10-22 08:46:01	08-Oct-2022 09.30	Process wastes or residues (29.1)	AQUEOUS	AQUEOUS	12220.000	15.72	348	NOT APPLICABLE	10.48	59.42	DRUMS	1.14	FF	AQUEOUS	73.83	7.31
26	61b2689b37			07-10-22 09:35:05	12-Oct-2022 14.35	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	10550.000	1.10	4545	NOT APPLICABLE	37.75	39.14	DRUMS	1.23	NFF	SEMI-SOLID		6.91
27	640c827e99			07-10-22 09:39:35	12-Oct-2022 14.38	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	14380.000	2.39	3800	NOT APPLICABLE	44.44	40.65	DRUMS	0.96	NFF	SEMI-SOLID		5.81

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Receipt Date To:

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	55561f1d79			07-10-22 09:50:10	12-Oct-2022 14.56	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12440.000	2.16	5230	NOT APPLICABLE	36.44	38.11	DRUMS	1.16	NFF	SEMI-SOLID		4.68
29	81d1a78967			07-10-22 10:41:14	08-Oct-2022 09.34	Wastes or residues containing oil (5.2)	SOLID	WASTES OR RESIDUES.	3310.000	2.02	4853	NOT APPLICABLE	0.74	1.18	BAGS	0.16	NFF	SOLID		8.43
30	be8316670f			07-10-22 15:09:37	12-Oct-2022 15.01	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	10230.000	1.28	4914	NOT APPLICABLE	26.09	39.12	DRUMS	0.52	NFF	SEMI-SOLID		4.10
31	e901718216			07-10-22 17:49:29	08-Oct-2022 09.41	Process wastes or residues (29.1)	SOLID	CONTAMINATED WASTE.	2040.000	1.75	5168	NOT APPLICABLE	0.88	1.36	BAGS	0.21	NFF	SOLID		8.33
32	f98e41647f			08-10-22 07:19:05	12-Oct-2022 15.08	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12260.000	1.99	3310	NOT APPLICABLE	50.05	52.02	DRUMS	0.61	NFF	SEMI-SOLID		6.04
33	60b046c3c7			08-10-22 16:40:28	09-Oct-2022 11.25	Wastes or residues (not made with vegetable or animal materials) (23.1)	SOLID	WASTES OR RESIDUES.	4100.000	0.95	5615	NOT APPLICABLE	1.03	1.38	BAGS	0.25	NFF	SOLID		8.61
34	7af1dedfa6			09-10-22 11:10:53	12-Oct-2022 14.41	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12990.000	1.70	3320	NOT APPLICABLE	45.12	55.67	DRUMS	0.90	NFF	SEMI-SOLID		4.02
35	e002217af9			09-10-22 14:49:18	10-Oct-2022 10.19	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE SLUDGE RESIDUES.	15040.000	1.47	3676	NOT APPLICABLE	28.53	26.16	BAGS	0.68	NFF	SOLID		7.75
36	72bd5f958b			10-10-22 12:29:22	11-Oct-2022 10.52	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE SLUDGE RESIDUES.	22630.000	1.62	3882	NOT APPLICABLE	31.33	18.62	BAGS	0.39	NFF	SOLID		5.56

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Receipt Date To:

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	e72a351546			10-10-22 13:00:36	11-Oct-2022 10.48	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS WASTE..	18450.000	0.80	4015	NOT APPLICABLE	2.76	91.53	TANKER	2.74	FF	OLW	1.56	3.92
38	6fbbd1c4bf			11-10-22 07:40:54	12-Oct-2022 01.14	Any process or distillation residue (36.1)	SOLID	BEIL INCINERATION WASTE	14337.000	35.49	2595	NOT APPLICABLE	23.39	33.02	BAGS	0.17	NFF	SOLID		7.96
39	141cfb42c1			11-10-22 07:50:39	12-Oct-2022 01.11	Any process or distillation residue (36.1)	SOLID	BEIL INCINERATION WASTE	8590.000	38.69	1676	NOT APPLICABLE	6.16	26.49	BAGS	0.21	NFF	SOLID		5.16
40	d6abe1bfed			11-10-22 07:54:46	12-Oct-2022 01.09	Any process or distillation residue (36.1)	SOLID	BEIL INCINERATION WASTE	14859.000	32.43	2383	NOT APPLICABLE	16.83	29.46	BAGS	0.13	NFF	SOLID		8.94
41	f34800fd05			11-10-22 08:46:59	12-Oct-2022 11.11	Spent solvents (20.2)	ORGANIC LIQUID	SPENT SOLVENTS.	9900.000	1.09	5075	NOT APPLICABLE	6.64	91.02	DRUMS	0.34	FF	OLW	2.59	7.19
42	7869c40433			11-10-22 10:05:27	12-Oct-2022 10.25	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS WASTE..	4920.000	0.85	5278	NOT APPLICABLE	2.96	88.53	DRUMS	0.14	FF	OLW	3.01	8.02
43	0283740fe5			11-10-22 10:10:33	12-Oct-2022 00.51	Process Residue and wastes (28.1)	SOLID	COTTON WASTE	2210.000	1.16	3800	NOT APPLICABLE	1.11	3.26	BAGS	0.31	NFF	SOLID		8.19
44	dd0680be62			11-10-22 10:16:49	12-Oct-2022 01.06	Any process or distillation residue (36.1)	SOLID	BEIL INCINERATION WASTE	11570.000	36.94	1782	NOT APPLICABLE	5.85	31.16	BAGS	0.17	NFF	SOLID		4.33
45	3aa57ae9ea			11-10-22 11:24:26	12-Oct-2022 10.11	Process Residue and wastes (28.1)	SEMI-SOLID	PROCESS WASTE.	6230.000	3.10	5013	NOT APPLICABLE	22.38	38.64	DRUMS	4.04	NFF	SEMI-SOLID		8.02

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Receipt Date To:

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	cf083051a1			11-10-22 12:44:58	12-Oct-2022 01.01	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE SLUDGE RESIDUES.	13990.000	20.61	805	NOT APPLICABLE	4.51	28.96	BAGS	0.10	NFF	SOLID		8.58
47	1a293a804a			12-10-22 10:53:50	12-Oct-2022 17.17	Process wastes or residues (29.1)	SEMI-SOLID	PROCESS WASTE.	7170.000	2.56	3621	NOT APPLICABLE	15.98	29.14	DRUMS	0.18	NFF	SEMI-SOLID		8.06
48	79963a55ae			12-10-22 16:48:56	13-Oct-2022 11.25	Any process or distillation residue (36.1)	SOLID	BEIL INCINERATION WASTE	21430.000	32.16	2200	NOT APPLICABLE	18.66	28.05	BAGS	0.15	NFF	SOLID		8.20
49	ef9050df5f			12-10-22 17:35:07	13-Oct-2022 00.32	Spent solvents (20.2)	ORGANIC LIQUID	SPENT SOLVENTS.	5940.000	0.96	5369	NOT APPLICABLE	3.98	56.14	DRUMS	0.11	FF	OLW	2.76	7.89
50	378f6a3d1d			13-10-22 07:44:03	14-Oct-2022 10.09	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	10490.000	1.40	4527	NOT APPLICABLE	36.16	50.59	DRUMS	0.21	NFF	SEMI-SOLID		4.55
51	2a6c7d90e7			13-10-22 08:26:18	14-Oct-2022 09.59	Any process or distillation residue (36.1)	SOLID	BEIL INCINERATION WASTE	8983.000	40.97	1555	NOT APPLICABLE	5.27	27.54	BAGS	0.85	NFF	SOLID		5.89
52	c861d93afb			13-10-22 10:34:43	14-Oct-2022 10.03	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12660.000	1.53	4859	NOT APPLICABLE	35.84	60.14	DRUMS	0.25	NFF	SEMI-SOLID		4.78
53	d2f1105073			13-10-22 11:01:28	14-Oct-2022 11.46	Process wastes, residues and sludges (21.1)	SOLID	PROCESS WASTE.	8830.000	0.78	6297	NOT APPLICABLE	0.35	3.55	BAGS	0.30	NFF	SOLID		4.98
54	472e29064c			13-10-22 11:44:41	14-Oct-2022 10.33	Distillation residues (20.3)	SEMI-SOLID	DISTILLATION RESIDUES.	10910.000	5.73	2804	NOT APPLICABLE	22.28	72.12	DRUMS	0.19	NFF	SEMI-SOLID		5.37

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Receipt Date To:

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	2e02881431			13-10-22 16:10:35	14-Oct-2022 11.19	Any process or distillation residue (36.1)	SOLID	BEIL INCINERATION WASTE	7970.000	38.76	2258	NOT APPLICABLE	18.69	30.11	BAGS	0.13	NFF	SOLID		7.95
56	75e9b21ae9			13-10-22 16:15:47	14-Oct-2022 11.17	Any process or distillation residue (36.1)	SOLID	BEIL INCINERATION WASTE	7424.000	38.44	2415	NOT APPLICABLE	22.50	26.22	BAGS	0.16	NFF	SOLID		7.49
57	f4df1f5981			14-10-22 08:20:38	14-Oct-2022 16.51	Any process or distillation residue (36.1)	SOLID	BEIL INCINERATION WASTE	13456.000	36.12	2795	NOT APPLICABLE	21.09	29.43	BAGS	0.80	NFF	SOLID		7.35
58	04ca676229			14-10-22 08:44:35	15-Oct-2022 09.44	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12200.000	1.46	2783	NOT APPLICABLE	11.40	60.13	DRUMS	0.26	NFF	SEMI-SOLID		8.02
59	0a80c341d8			14-10-22 14:06:08	15-Oct-2022 09.22	Process Residue and wastes (28.1)	ORGANIC LIQUID	PROCESS WASTE.	6770.000	0.96	5262	NOT APPLICABLE	15.75	90.85	DRUMS	2.61	FF	OLW	2.55	8.10
60	970f8c8628			14-10-22 15:10:08	15-Oct-2022 14.38	Any process or distillation residue (36.1)	SOLID	BEIL INCINERATION WASTE	8850.000	40.64	2697	NOT APPLICABLE	17.29	31.66	BAGS	0.56	NFF	SOLID		7.46
61	bb5289ac7e			14-10-22 15:33:24	15-Oct-2022 09.41	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12520.000	0.85	4641	NOT APPLICABLE	51.68	52.55	DRUMS	0.79	NFF	SEMI-SOLID		3.02
62	fdf85f971b			14-10-22 15:36:57	15-Oct-2022 09.29	Process wastes or residues (29.1)	SOLID	CONTAMINATED WASTE.	1920.000	1.32	5960	NOT APPLICABLE	0.88	2.69	BAGS	0.27	NFF	SOLID		7.90
63	2c72ca867c			15-10-22 07:45:03	15-Oct-2022 17.15	Any process or distillation residue (36.1)	SOLID	BEIL INCINERATION WASTE	12795.000	35.11	2346	NOT APPLICABLE	28.53	26.89	BAGS	0.85	NFF	SOLID		7.18

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Receipt Date To:

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	44f321f3d3			15-10-22 07:55:31	15-Oct-2022 17.25	Distillation residues (20.3)	ORGANIC LIQUID	DISTILLATION WASTE.	9290.000	6.71	3040	NOT APPLICABLE	23.78	50.97	DRUMS	0.56	FF	OLW	18.63	2.48
65	3916d92ed2			15-10-22 08:00:40	15-Oct-2022 16.59	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	14377.000	1.65	3617	NOT APPLICABLE	35.02	56.22	DRUMS	0.73	NFF	SEMI-SOLID		4.92
66	238b838432			15-10-22 08:10:27	15-Oct-2022 17.02	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	17560.000	1.40	3540	NOT APPLICABLE	49.88	52.55	DRUMS	0.63	NFF	SEMI-SOLID		3.12
67	1c7b9e2604			15-10-22 08:52:50	15-Oct-2022 17.29	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS WASTE..	7300.000	0.65	5613	NOT APPLICABLE	1.10	74.12	DRUMS	1.97	FF	OLW	1.39	4.89
68	5b0f21a7f2			16-10-22 09:05:22	17-Oct-2022 09.28	Any process or distillation residue (36.1)	SOLID	BEIL INCINERATION WASTE	8980.000	38.10	2657	NOT APPLICABLE	12.96	24.26	BAGS	1.38	NFF	SOLID		9.28
69	b9e9a4c744			16-10-22 09:09:18	16-Oct-2022 16.52	Process wastes or residues (29.1)	SOLID	INCINERATION WASTE.	2350.000	0.96	5606	NOT APPLICABLE	1.15	2.46	BAGS	0.34	NFF	SOLID		8.26
70	2d15489f87			16-10-22 10:31:50	17-Oct-2022 09.53	Sludge from wet scrubbers (37.1)	SEMI-SOLID	PROCESS RESIDUE.	5390.000	1.26	7068	NOT APPLICABLE	1.44	46.28	DRUMS	1.16	NFF	SEMI-SOLID		7.46
71	8b3618d756			16-10-22 10:36:43	17-Oct-2022 09.32	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12060.000	2.86	5053	NOT APPLICABLE	30.06	44.18	DRUMS	0.91	NFF	SEMI-SOLID		3.91
72	301e0813e6			16-10-22 10:41:43	16-Oct-2022 16.58	Distillation residues (20.3)	SOLID	DISTILLATION RESIDUES.	13080.000	8.24	4065	NOT APPLICABLE	37.28	38.42	DRUMS	0.24	NFF	SOLID		3.84

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Receipt Date To:

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	fa7ba57912			16-10-22 11:37:44	17-Oct-2022 09.48	Spent solvents (20.2)	SEMI-SOLID	SPENT SOLVENTS.	11230.000	7.64	800	NOT APPLICABLE	4.44	54.61	DRUMS	0.84	NFF	SEMI-SOLID		9.26
74	216997d9f9			16-10-22 12:17:41	17-Oct-2022 09.51	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS WASTE..	27930.000	4.24	4182	NOT APPLICABLE	2.47	76.24	TANKER	0.26	FF	OLW	2.26	5.59
75	4581c59c28			16-10-22 16:37:32	17-Oct-2022 09.35	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12080.000	2.42	3520	NOT APPLICABLE	44.41	48.26	DRUMS	0.86	NFF	SEMI-SOLID		3.16
76	e2fd4ac8b2			17-10-22 07:53:36	18-Oct-2022 10.03	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12930.000	1.90	3235	NOT APPLICABLE	36.36	53.44	DRUMS	0.28	NFF	SEMI-SOLID		3.02
77	9d47026e4b			17-10-22 08:00:59	18-Oct-2022 10.19	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	13050.000	1.79	3636	NOT APPLICABLE	48.22	51.62	DRUMS	0.86	NFF	SEMI-SOLID		6.08
78	d9a57b89a0			18-10-22 07:58:46	19-Oct-2022 09.40	Any process or distillation residue (36.1)	SOLID	ANY PROCESS WASTE.	11260.000	2.87	4545	NOT APPLICABLE	8.31	14.13	DRUMS	1.46	NFF	SOLID		4.46
79	7c0e7299bc			18-10-22 08:32:16	19-Oct-2022 10.09	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	16520.000	2.56	3526	NOT APPLICABLE	39.68	50.11	DRUMS	0.65	NFF	SEMI-SOLID		5.35
80	cb68f516ac			18-10-22 08:51:48	19-Oct-2022 09.43	Wastes or residues (not made with vegetable or animal materials) (23.1)	SOLID	WASTES OR RESIDUE.	2910.000	1.42	4676	NOT APPLICABLE	1.32	21.93	BAGS	1.08	NFF	SOLID		6.85
81	19c072dcd2			18-10-22 08:59:40	19-Oct-2022 09.49	Process wastes, residues and sludges (21.1)	SOLID	PROCESS RESIDUES.	9270.000	50.55	2094	NOT APPLICABLE	0.62	24.93	BAGS	0.73	NFF	SOLID		7.15

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Receipt Date To:

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	44281038c5			18-10-22 09:46:39	19-Oct-2022 09.47	Distillation residues (20.3)	SOLID	DISTILLATION RESIDUES.	6440.000	0.89	4331	NOT APPLICABLE	1.06	2.55	BAGS	0.39	NFF	SOLID		7.42
83	42f3f20202			18-10-22 09:57:06	19-Oct-2022 09.52	Process wastes or residues (29.1)	SOLID	FILTER PAPER.	3660.000	1.21	4624	NOT APPLICABLE	1.14	3.11	BAGS	0.42	NFF	SOLID		8.12
84	bb997bdec1			18-10-22 10:31:38	19-Oct-2022 09.56	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS WASTE..	10090.000	1.04	5049	NOT APPLICABLE	15.48	60.30	DRUMS	0.13	FF	OLW	6.53	2.99
85	a65c6ad891			18-10-22 12:03:01	19-Oct-2022 10.00	Residue or sludge containing phenol (19.1)	SEMI-SOLID	RESIDUE OR SLUDGE.	7200.000	3.84	5825	NOT APPLICABLE	0.61	44.16	DRUMS	0.70	NFF	SEMI-SOLID		7.89
86	ded8092fed			18-10-22 15:01:44	19-Oct-2022 10.12	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	11660.000	1.88	3200	NOT APPLICABLE	32.66	54.25	DRUMS	0.59	NFF	SEMI-SOLID		6.02
87	69bc3239dd			18-10-22 17:02:06	19-Oct-2022 10.03	Spent solvents (20.2)	AQUEOUS	SPENT SOLVENT.	10350.000	9.94	615	NOT APPLICABLE	2.11	66.99	DRUMS	1.06	FF	AQUEOUS	72.64	8.22
88	1de7cf5a4d			19-10-22 08:26:36	20-Oct-2022 10.01	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	11440.000	1.23	3683	NOT APPLICABLE	40.50	54.43	DRUMS	0.26	NFF	SEMI-SOLID		4.0
89	41dac42890			19-10-22 08:32:37	20-Oct-2022 09.58	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12990.000	3.14	3416	NOT APPLICABLE	47.38	58.14	DRUMS	0.29	NFF	SEMI-SOLID		3.35
90	3da0a8232e			19-10-22 08:37:51	20-Oct-2022 09.56	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	11450.000	2.49	3521	NOT APPLICABLE	43.36	53.79	DRUMS	0.49	NFF	SEMI-SOLID		6.49

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Receipt Date To:

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
91	0aad0d47f8			19-10-22 08:55:50	20-Oct-2022 09.34	Corrosive wastes arising from use of strong acid and bases (32.2)	SOLID	COTTON WASTE.	990.000	0.96	5149	NOT APPLICABLE	1.05	4.18	BAGS	0.42	NFF	SOLID		7.55
92	94cd9d5c16			19-10-22 09:01:43	20-Oct-2022 09.51	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12220.000	2.12	4639	NOT APPLICABLE	37.71	49.02	DRUMS	0.41	NFF	SEMI-SOLID		3.89
93	6d70f22286			19-10-22 10:33:43	20-Oct-2022 09.37	Distillation residues (20.3)	SEMI-SOLID	DISTILLATION RESIDUES.	13470.000	15.22	1127	NOT APPLICABLE	12.42	60.44	DRUMS	0.89	NFF	SEMI-SOLID		3.14
94	460c58e09d			19-10-22 10:51:19	20-Oct-2022 09.49	Any process or distillation residue (36.1)	ORGANIC LIQUID	BEIL INCINERATION WASTE	34520.000	1.43	4281	NOT APPLICABLE	1.14	86.49	TANKER	10.61	FF	OLW	4.22	3.41
95	25f22e3b78			19-10-22 15:23:24	20-Oct-2022 09.40	Process Residue and wastes (28.1)	SEMI-SOLID	PROCESS WASTE.	7100.000	2.06	4141	NOT APPLICABLE	18.33	44.14	DRUMS	0.16	NFF	SEMI-SOLID		7.66
96	1762dc5392			19-10-22 15:35:56	20-Oct-2022 09.45	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS WASTE..	16710.000	1.39	4238	NOT APPLICABLE	1.20	70.43	TANKER	4.52	FF	OLW	20.40	8.44
97	f1a007afb5			20-10-22 08:19:47	20-Oct-2022 16.47	Process wastes or residues (29.1)	SEMI-SOLID	PROCESS WASTE.	8960.000	1.33	4468	NOT APPLICABLE	1.71	46.22	DRUMS	13.27	NFF	SEMI-SOLID		4.84
98	e56580a6ea			20-10-22 08:26:24	20-Oct-2022 16.50	Process wastes or residues (29.1)	SEMI-SOLID	PROCESS WASTE.	12330.000	14.49	2049	NOT APPLICABLE	10.04	61.40	DRUMS	0.91	NFF	SEMI-SOLID		7.92
99	43887da6cd			20-10-22 08:55:17	20-Oct-2022 16.54	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE	2710.000	0.94	5413	NOT APPLICABLE	1.05	3.44	BAGS	0.26	NFF	SOLID		7.50

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Receipt Date To:

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
100	e1f0308110			20-10-22 09:42:19	20-Oct-2022 17.02	Process wastes, residues and sludges (21.1)	SOLID	PROCESS RESIDUE.	10300.000	0.73	4999	NOT APPLICABLE	1.31	1.55	BAGS	0.42	NFF	SOLID		7.59
101	bed0aa871a			20-10-22 10:33:40	20-Oct-2022 16.58	Wastes or residues (not made with vegetable or animal materials) (23.1)	SOLID	WASTES OR RESIDUES.	4310.000	1.69	4447	NOT APPLICABLE	5.40	14.25	BAGS	2.73	NFF	SOLID		8.01
102	936ad95cf3			20-10-22 14:31:40	21-Oct-2022 09.50	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	10600.000	1.62	3420	NOT APPLICABLE	35.40	49.85	DRUMS	0.71	NFF	SEMI-SOLID		4.75
103	6783d2b282			21-10-22 08:03:20	22-Oct-2022 10.01	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	11870.000	2.06	4032	NOT APPLICABLE	42.27	44.31	DRUMS	0.94	NFF	SEMI-SOLID		3.41
104	899e10d616			21-10-22 10:36:38	22-Oct-2022 10.05	Any process or distillation residue (36.1)	ORGANIC LIQUID	BEIL INCINERATION WASTE	27440.000	1.53	4151	NOT APPLICABLE	1.40	91.06	TANKER	9.97	FF	OLW	4.87	3.45
105	fc4629c3c0			21-10-22 10:42:38	22-Oct-2022 10.11	Any process or distillation residue (36.1)	ORGANIC LIQUID	BEIL INCINERATION WASTE	24650.000	1.13	4032	NOT APPLICABLE	1.21	90.25	TANKER	10.13	FF	OLW	5.59	2.89
106	4308a62fc3			21-10-22 12:35:27	22-Oct-2022 09.57	Wastes or residues containing oil (5.2)	SOLID	COTTON WASTE.	550.000	1.14	5167	NOT APPLICABLE	1.01	4.14	BAGS	0.45	NFF	SOLID		8.12
107	48da43c916			21-10-22 14:37:30	22-Oct-2022 09.49	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS WASTE..	8370.000	0.97	5262	NOT APPLICABLE	4.88	56.12	DRUMS	0.94	FF	OLW	39.55	4.99
108	1fbd55bb5d			21-10-22 15:36:51	22-Oct-2022 10.53	Any process or distillation residue (36.1)	SOLID	BEIL INCINERATION WASTE	6113.000	48.14	2428	NOT APPLICABLE	19.15	29.06	BAGS	0.45	NFF	SOLID		6.90

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Receipt Date To:

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
109	c76bf2b873			22-10-22 08:02:38	22-Oct-2022 15.36	Contaminated aromatic, aliphatic or naphthenic solvents may or may not be fit for reuse. (20.1)	ORGANIC LIQUID	PROCESS RESIDUE	7585.000	1.03	7636	NOT APPLICABLE	2.81	88.14	DRUMS	0.20	FF	OLW	3.59	2.55
110	ab72cc177f			22-10-22 08:09:10	22-Oct-2022 15.28	Process wastes or residues (29.1)	SOLID	CONTAMINATED WASTE.	1400.000	0.89	4870	NOT APPLICABLE	1.08	2.99	BAGS	0.18	NFF	SOLID		8.66
111	858df71c09			22-10-22 08:34:57	22-Oct-2022 15.44	Distillation residues (20.3)	SEMI-SOLID	DISTILLATION RESIDUES.	13230.000	16.19	3193	NOT APPLICABLE	11.91	56.94	DRUMS	0.90	NFF	SEMI-SOLID		4.06
112	5fb5d38b1d			22-10-22 08:52:18	22-Oct-2022 15.49	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12940.000	1.69	3697	NOT APPLICABLE	41.75	49.62	DRUMS	0.98	NFF	SEMI-SOLID		3.94
113	8d9cc2b749			22-10-22 09:12:59	22-Oct-2022 15.53	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	11620.000	3.02	3943	NOT APPLICABLE	35.60	54.14	DRUMS	0.41	NFF	SEMI-SOLID		3.14
114	b99823d987			22-10-22 10:19:37	22-Oct-2022 15.32	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS WASTE..	23420.000	1.39	5111	NOT APPLICABLE	1.54	78.14	TANKER	0.33	FF	OLW	16.48	5.38
115	04b26c880a			22-10-22 10:29:24	22-Oct-2022 15.55	Any process or distillation residue (36.1)	ORGANIC LIQUID	BEIL INCINERATION WASTE	29960.000	1.37	4481	NOT APPLICABLE	1.24	90.12	TANKER	8.51	FF	OLW	4.68	4.18
116	513e62941b			22-10-22 11:34:15	22-Oct-2022 15.38	Furnace or reactor residue and debris (1.1)	AQUEOUS	PROCESS RESIDUE	5270.000	13.96	444	NOT APPLICABLE	1.51	78.63	DRUMS	0.08	FF	AQUEOUS	90.66	8.19
117	faeb0e7ff7			23-10-22 08:51:24	24-Oct-2022 10.14	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	11910.000	1.75	3676	NOT APPLICABLE	42.70	61.09	DRUMS	1.06	NFF	SEMI-SOLID		3.12

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Receipt Date To:

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
118	4e76665769			23-10-22 08:55:21	23-Oct-2022 15.47	Process wastes, residues and sludges (21.1)	SOLID	PROCESS RESIDUES.	7550.000	38.26	3676	NOT APPLICABLE	1.04	10.24	BAGS	0.94	NFF	SOLID		8.14
119	7c4e61c3a8			23-10-22 10:07:48	24-Oct-2022 10.55	Any process or distillation residue (36.1)	SOLID	BEIL INCINERATION WASTE	5809.000	44.06	1932	NOT APPLICABLE	18.03	24.14	BAGS	0.96	NFF	SOLID		6.44
120	0689716c10			23-10-22 10:12:27	24-Oct-2022 10.40	Distillation residues (20.3)	ORGANIC LIQUID	DISTILLATION RESIDUES.	9710.000	4.40	4731	NOT APPLICABLE	2.74	64.28	DRUMS	1.28	FF	OLW	16.43	7.85
121	d62a6b5dcf			23-10-22 10:19:04	24-Oct-2022 10.06	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12910.000	3.44	3832	NOT APPLICABLE	40.17	39.49	DRUMS	0.93	NFF	SEMI-SOLID		3.89
122	42cfad1da7			23-10-22 10:43:38	23-Oct-2022 15.53	Spent solvents (20.2)	AQUEOUS	SPENT SOLVENTS.	9520.000	16.13	505	NOT APPLICABLE	7.68	59.30	DRUMS	0.44	FF	AQUEOUS	68.61	8.16
123	a3fb90c578			23-10-22 10:50:32	23-Oct-2022 16.02	Process wastes or residues (29.1)	AQUEOUS	AQUEOUS	12030.000	14.26	520	NOT APPLICABLE	7.52	61.12	DRUMS	0.14	FF	AQUEOUS	70.84	8.38
124	b428f896ed			23-10-22 11:14:25	23-Oct-2022 16.09	Process wastes or residues (29.1)	AQUEOUS	PROCESS WASTE	22240.000	13.26	327	NOT APPLICABLE	3.27	58.26	TANKER	1.43	FF	AQUEOUS	74.70	9.44
125	f42715ae4e			24-10-22 09:39:16	24-Oct-2022 14.12	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	13040.000	4.10	4529	NOT APPLICABLE	49.94	51.24	DRUMS	0.74	NFF	SEMI-SOLID		3.24
126	4235ae071d			24-10-22 09:42:44	24-Oct-2022 14.15	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	11890.000	2.50	4033	NOT APPLICABLE	48.23	49.14	DRUMS	0.70	NFF	SEMI-SOLID		3.10

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Receipt Date To:

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
127	b42d4e739e			24-10-22 10:30:39	24-Oct-2022 14.20	Any process or distillation residue (36.1)	ORGANIC LIQUID	BEIL INCINERATION WASTE	30080.000	1.18	4594	NOT APPLICABLE	1.62	79.28	TANKER	22.3	FF	OLW	4.73	2.96
128	ba54dbe278			24-10-22 16:17:28	25-Oct-2022 09.58	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12270.000	1.88	4035	NOT APPLICABLE	33.39	38.10	DRUMS	0.24	NFF	SEMI-SOLID		3.64
129	3573115173			24-10-22 16:27:03	25-Oct-2022 09.56	Any process or distillation residue (36.1)	SOLID	BEIL INCINERATION WASTE	10390.000	6.48	3362	NOT APPLICABLE	44.68	46.14	DRUMS	0.76	NFF	SEMI-SOLID		3.88
130	42980e4c4c			25-10-22 09:32:49	26-Oct-2022 09.53	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12860.000	1.06	3336	NOT APPLICABLE	53.88	54.26	DRUMS	0.81	NFF	SEMI-SOLID		2.71
131	4ea11906fc			25-10-22 09:41:06	26-Oct-2022 09.56	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	10280.000	5.48	4069	NOT APPLICABLE	33.16	48.24	DRUMS	0.61	NFF	SEMI-SOLID		6.08
132	9e28926f54			25-10-22 09:59:00	26-Oct-2022 10.02	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12920.000	1.20	4032	NOT APPLICABLE	32.76	41.28	DRUMS	0.31	NFF	SEMI-SOLID		5.46
133	4c8300e038			25-10-22 10:09:21	26-Oct-2022 09.49	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS WASTE..	21260.000	1.62	4807	NOT APPLICABLE	1.38	74.64	TANKER	0.19	FF	OLW	17.32	3.46
134	5ee9b29832			25-10-22 10:18:07	26-Oct-2022 10.11	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	13590.000	4.86	2981	NOT APPLICABLE	32.24	54.24	DRUMS	0.64	NFF	SEMI-SOLID		4.98
135	17c25e7d48			25-10-22 10:25:46	26-Oct-2022 10.15	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12390.000	7.46	2818	NOT APPLICABLE	31.28	49.14	DRUMS	0.71	NFF	SEMI-SOLID		5.24

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Receipt Date To:

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
136	8b1ff483e6			25-10-22 12:29:02	26-Oct-2022 10.18	Any process or distillation residue (36.1)	ORGANIC LIQUID	BEIL INCINERATION WASTE	30070.000	1.32	4427	NOT APPLICABLE	1.50	74.66	TANKER	16.98	FF	OLW	12.59	2.98
137	ddad5920de			25-10-22 12:37:54	26-Oct-2022 10.23	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	14790.000	1.86	2986	NOT APPLICABLE	50.47	52.38	DRUMS	1.24	NFF	SEMI-SOLID		3.96
138	4a5928c5c9			25-10-22 15:10:07	26-Oct-2022 10.29	Any process or distillation residue (36.1)	ORGANIC LIQUID	BEIL INCINERATION WASTE	24000.000	1.10	4730	NOT APPLICABLE	1.54	80.14	TANKER	18.61	FF	OLW	5.15	2.70
139	5892276675			27-10-22 14:44:27	27-Oct-2022 22.01	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	15390.000	1.53	3058	NOT APPLICABLE	52.63	53.44	DRUMS	1.24	NFF	SEMI-SOLID		3.09
140	7bdd0f31bd			28-10-22 08:24:51	29-Oct-2022 10.39	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12320.000	2.07	3909	NOT APPLICABLE	34.29	40.44	DRUMS	1.12	NFF	SEMI-SOLID		5.07
141	19e79c253c			28-10-22 08:28:29	29-Oct-2022 10.41	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	9490.000	1.51	4559	NOT APPLICABLE	33.15	48.89	DRUMS	0.72	NFF	SEMI-SOLID		7.78
142	817bea8578			28-10-22 08:34:22	29-Oct-2022 10.43	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12450.000	1.94	3177	NOT APPLICABLE	35.35	52.91	DRUMS	0.65	NFF	SEMI-SOLID		4.48
143	af863f97e1			28-10-22 10:22:33	29-Oct-2022 10.27	Distillation residues (20.3)	SOLID	DISTILLATION RESIDUES.	4440.000	50.01	1558	NOT APPLICABLE	9.43	32.61	DRUMS	0.16	NFF	SOLID		7.91
144	1586e7957b			28-10-22 10:34:16	29-Oct-2022 10.30	Process wastes or residues (29.1)	AQUEOUS	PROCESS WASTE	22800.000	13.22	597	NOT APPLICABLE	4.80	51.69	TANKER	2.00	FF	AQUEOUS	63.45	6.99

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Receipt Date To:

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
145	b2208a8648			28-10-22 14:22:56	29-Oct-2022 10.36	Spent solvents (20.2)	AQUEOUS	SPENT SOLVENT.	10300.000	11.09	535	NOT APPLICABLE	5.75	54.32	DRUMS	0.13	FF	AQUEOUS	64.18	7.93
146	7ee7985d25			28-10-22 17:35:19	29-Oct-2022 10.58	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	11960.000	1.43	4367	NOT APPLICABLE	36.91	32.94	DRUMS	1.24	NFF	SEMI-SOLID		6.89
147	d84eda4a55			29-10-22 08:26:14	30-Oct-2022 09.47	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS WASTE..	6730.000	1.17	4471	NOT APPLICABLE	1.53	82.24	DRUMS	0.10	FF	OLW	4.57	3.80
148	4ad821728d			29-10-22 10:20:53	29-Oct-2022 16.42	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	11595.000	1.33	4288	NOT APPLICABLE	29.25	41.96	DRUMS	0.94	NFF	SEMI-SOLID		5.71
149	dafab03bf8			29-10-22 10:38:48	29-Oct-2022 16.48	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	14985.000	1.43	3959	NOT APPLICABLE	33.86	47.26	DRUMS	1.57	NFF	SEMI-SOLID		4.32
150	3f71dd0a44			29-10-22 14:11:04	29-Oct-2022 16.51	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	11680.000	1.35	3691	NOT APPLICABLE	32.02	49.32	DRUMS	1.13	NFF	SEMI-SOLID		3.93
151	a3f797062f			29-10-22 14:43:02	30-Oct-2022 09.41	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	9830.000	1.06	4287	NOT APPLICABLE	29.36	49.66	DRUMS	0.62	NFF	SEMI-SOLID		4.60
152	3ca3bfc746			30-10-22 07:24:09	30-Oct-2022 16.44	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	11460.000	1.38	3329	NOT APPLICABLE	35.67	48.26	DRUMS	1.23	NFF	SEMI-SOLID		4.41
153	70263d99df			30-10-22 07:27:21	30-Oct-2022 16.42	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12117.000	2.16	3476	NOT APPLICABLE	34.45	48.61	DRUMS	0.81	NFF	SEMI-SOLID		3.61

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Receipt Date To:

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
154	15b45e48e6			30-10-22 08:01:04	30-Oct-2022 16.47	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	9420.000	1.14	5141	NOT APPLICABLE	22.43	34.46	DRUMS	0.84	NFF	SEMI-SOLID		7.22
155	37bce04abe			30-10-22 08:03:43	30-Oct-2022 16.52	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12860.000	4.10	3887	NOT APPLICABLE	45.73	56.10	DRUMS	1.02	NFF	SEMI-SOLID		5.91
156	4cfa03c128			31-10-22 08:11:56	31-Oct-2022 15.40	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	12210.000	1.23	4893	NOT APPLICABLE	35.29	34.77	DRUMS	1.02	NFF	SEMI-SOLID		6.92
157	964cb32d10			31-10-22 08:17:08	31-Oct-2022 15.35	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	14110.000	2.29	3544	NOT APPLICABLE	39.18	39.02	DRUMS	0.43	NFF	SEMI-SOLID		4.94
158	da3782abb1			31-10-22 15:53:20	31-Oct-2022 21.16	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	10850.000	4.18	3598	NOT APPLICABLE	39.72	48.62	DRUMS	1.34	NFF	SEMI-SOLID		7.49
159	e049409426			31-10-22 16:14:52	31-Oct-2022 21.19	Any process or distillation residue (36.1)	SEMI-SOLID	BEIL INCINERATION WASTE	9820.000	1.40	4089	NOT APPLICABLE	32.97	52.64	DRUMS	0.62	NFF	SEMI-SOLID		6.98

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 0126 Issue Date : 24/10/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	--


Sampling Location	: EB 1 Up stream
-------------------	-------------------------

Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 14/10/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 15/10/2022	Lab ID.	: BLD/2210/01
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 15/10/2022	Date of Completion of Test	: 24/10/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.08	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	53.4	IS 3025 (Part – 14)
4	Turbidity	NTU	1.32	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	16	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	34768	IS 3025 (Part-16)
7	TOC	mg/L	7.5	APHA (23 rd Edition) 5310 B
8	COD	mg/L	74	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	4326	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	450	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	16120	APHA (23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3476	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.56	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...


Dr. Arun Bajpai
Lab Manager(Q)

H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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 0126 Issue Date : 24/10/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---

Sampling Location	: EB 1 Up stream
-------------------	-------------------------

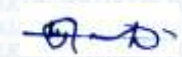
RESULT TABLE

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	400	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	824	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	11296	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	217	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.9	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 / USEPA 525.2 / USEPA 532

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


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD 0127 Issue Date : 24/10/2022 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	: 14/10/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 15/10/2022	Lab ID.	: BLD/2210/02
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 15/10/2022	Date of Completion of Test	: 24/10/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.05	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	48.19	IS 3025 (Part – 14)
4	Turbidity	NTU	1.27	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	13	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	31683	IS 3025 (Part-16)
7	TOC	mg/L	7.1	APHA (23 rd Edition) 5310 B
8	COD	mg/L	69	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	3984	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	406	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	13164	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3075	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.38	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	0.38	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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



TEST REPORT

QF/7.8/37-WT

Page: 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 0127
	Issue Date :	24/10/2022
	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	0.97	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	394	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	719	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	10740	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	226	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.50	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 / USEPA 525.2 / USEPA 532

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

Dr. Arun Bajpai
Lab Manager(Q)

H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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 0127 Issue Date : 24/10/2022 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	Absent	USEPA 508
34.2	Dicofol	µg/l	Absent	USEPA 508
34.3	Dieldrin	µg/l	Absent	USEPA 508
34.4	Alpha Endosulfan	µg/l	Absent	USEPA 508
34.5	Beta Endosulfan	µg/l	Absent	USEPA 508
34.6	Sulphate Endosulfan	µg/l	Absent	USEPA 508
34.7	Heptachlor	µg/l	Absent	USEPA 525.2
34.8	Hexachlorobenzene (HCB)	µg/l	Absent	USEPA 508
34.9	Methoxy Chlor	µg/l	Absent	USEPA 508
34.10	Alpha-HCH	µg/l	Absent	USEPA 508
34.11	Beta-HCH	µg/l	Absent	USEPA 508
34.12	Gamma-HCH	µg/l	Absent	USEPA 508
34.13	2,4 DDT	µg/l	Absent	USEPA 508
34.14	2,4 DDD	µg/l	Absent	USEPA 508
34.15	2,4 DDE	µg/l	Absent	USEPA 508
34.16	4,4 DDT	µg/l	Absent	USEPA 508
34.17	4,4 DDE	µg/l	Absent	USEPA 508
34.18	4,4 DDD	µg/l	Absent	USEPA 508
34.19	Delta HCH	µg/l	Absent	USEPA 508
Organo Phosphorous Pesticides(OPPs)				
34.20	Chlorpyrifos	µg/l	Absent	USEPA 525.2
34.21	Ethion	µg/l	Absent	USEPA 525.2
34.22	Malathion	µg/l	Absent	USEPA 525.2
34.23	Monocrotophos	µg/l	Absent	USEPA 525.2
34.24	Phorate	µg/l	Absent	USEPA 525.2
34.25	Methyl Parathion	µg/l	Absent	USEPA 525.2
34.26	Quinaphos	µg/l	Absent	USEPA 525.2
Synthetic Pyrethroids (SPs)				
34.27	Deltamethrin	µg/l	Absent	USEPA 525.2
34.28	Fenpropethrin	µg/l	Absent	USEPA 525.2
34.29	Alpha-Cypermethrin	µg/l	Absent	USEPA 525.2
34.30	Cyhalothrin	µg/l	Absent	USEPA 525.2
Herbicides				
34.31	Alachlor	µg/l	Absent	USEPA 525.2
34.32	Butachlor	µg/l	Absent	USEPA 525.2
34.33	Fluchloralin	µg/l	Absent	USEPA 525.2
34.34	Pendimethalin	µg/l	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, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin: 100 µg/l.


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD 0128 Issue Date : 24/10/2022 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	: 14/10/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 15/10/2022	Lab ID.	: BLD/2210/03
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 15/10/2022	Date of Completion of Test	: 24/10/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.49	IS 3025 (Part 11)
2	Colour	Hazen	5.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.63	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	408	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	140	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	135	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	173	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	7.98	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...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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 0128 Issue Date : 24/10/2022 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	Absent	USEPA 508
34.2	Dicofol	µg/l	Absent	USEPA 508
34.3	Dieldrin	µg/l	Absent	USEPA 508
34.4	Alpha Endosulfan	µg/l	Absent	USEPA 508
34.5	Beta Endosulfan	µg/l	Absent	USEPA 508
34.6	Sulphate Endosulfan	µg/l	Absent	USEPA 508
34.7	Heptachlor	µg/l	Absent	USEPA 525.2
34.8	Hexachlorobenzene (HCB)	µg/l	Absent	USEPA 508
34.9	Methoxy Chlor	µg/l	Absent	USEPA 508
34.10	Alpha-HCH	µg/l	Absent	USEPA 508
34.11	Beta-HCH	µg/l	Absent	USEPA 508
34.12	Gamma-HCH	µg/l	Absent	USEPA 508
34.13	2,4 DDT	µg/l	Absent	USEPA 508
34.14	2,4 DDD	µg/l	Absent	USEPA 508
34.15	2,4 DDE	µg/l	Absent	USEPA 508
34.16	4,4 DDT	µg/l	Absent	USEPA 508
34.17	4,4 DDE	µg/l	Absent	USEPA 508
34.18	4,4 DDD	µg/l	Absent	USEPA 508
34.19	Delta HCH	µg/l	Absent	USEPA 508
Organo Phosphorous Pesticides(OPPs)				
34.20	Chlorpyrifos	µg/l	Absent	USEPA 525.2
34.21	Ethion	µg/l	Absent	USEPA 525.2
34.22	Malathion	µg/l	Absent	USEPA 525.2
34.23	Monocrotophos	µg/l	Absent	USEPA 525.2
34.24	Phorate	µg/l	Absent	USEPA 525.2
34.25	Methyl Parathion	µg/l	Absent	USEPA 525.2
34.26	Quinaphos	µg/l	Absent	USEPA 525.2
Synthetic Pyrethroids (SPs)				
34.27	Deltamethrin	µg/l	Absent	USEPA 525.2
34.28	Fenpropethrin	µg/l	Absent	USEPA 525.2
34.29	Alpha-Cypermethrin	µg/l	Absent	USEPA 525.2
34.30	Cyhalothrin	µg/l	Absent	USEPA 525.2
Herbicides				
34.31	Alachlor	µg/l	Absent	USEPA 525.2
34.32	Butachlor	µg/l	Absent	USEPA 525.2
34.33	Fluchloralin	µg/l	Absent	USEPA 525.2
34.34	Pendimethalin	µg/l	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, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin: 100 µg/l.


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD 0129 Issue Date : 24/10/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	---

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


Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 14/10/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 15/10/2022	Lab ID.	: BLD/2210/04
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 15/10/2022	Date of Completion of Test	: 24/10/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.56	IS 3025 (Part 11)
2	Colour	Hazen	4.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	1.08	IS 3025 (Part – 14)
4	Turbidity	NTU	0.56	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	675	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	184	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	173	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	286	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	37.5	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	0.078	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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 0129 Issue Date : 24/10/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---


Sampling Location : **Nr. Bus Station**

RESULT TABLE

SR. NO.	Pesticides/Insecticides	UNIT	RESULT	METHOD ADOPTED
34.1	Aldrin	µg/l	Absent	USEPA 508
34.2	Dicofol	µg/l	Absent	USEPA 508
34.3	Dieldrin	µg/l	Absent	USEPA 508
34.4	Alpha Endosulfan	µg/l	Absent	USEPA 508
34.5	Beta Endosulfan	µg/l	Absent	USEPA 508
34.6	Sulphate Endosulfan	µg/l	Absent	USEPA 508
34.7	Heptachlor	µg/l	Absent	USEPA 525.2
34.8	Hexachlorobenzene (HCB)	µg/l	Absent	USEPA 508
34.9	Methoxy Chlor	µg/l	Absent	USEPA 508
34.10	Alpha-HCH	µg/l	Absent	USEPA 508
34.11	Beta-HCH	µg/l	Absent	USEPA 508
34.12	Gamma-HCH	µg/l	Absent	USEPA 508
34.13	2,4 DDT	µg/l	Absent	USEPA 508
34.14	2,4 DDD	µg/l	Absent	USEPA 508
34.15	2,4 DDE	µg/l	Absent	USEPA 508
34.16	4,4 DDT	µg/l	Absent	USEPA 508
34.17	4,4 DDE	µg/l	Absent	USEPA 508
34.18	4,4 DDD	µg/l	Absent	USEPA 508
34.19	Delta HCH	µg/l	Absent	USEPA 508
Organo Phosphorous Pesticides(OPPs)				
34.20	Chlorpyrifos	µg/l	Absent	USEPA 525.2
34.21	Ethion	µg/l	Absent	USEPA 525.2
34.22	Malathion	µg/l	Absent	USEPA 525.2
34.23	Monocrotophos	µg/l	Absent	USEPA 525.2
34.24	Phorate	µg/l	Absent	USEPA 525.2
34.25	Methyl Parathion	µg/l	Absent	USEPA 525.2
34.26	Quinaphos	µg/l	Absent	USEPA 525.2
Synthetic Pyrethroids (SPs)				
34.27	Deltamethrin	µg/l	Absent	USEPA 525.2
34.28	Fenpropethrin	µg/l	Absent	USEPA 525.2
34.29	Alpha-Cypermethrin	µg/l	Absent	USEPA 525.2
34.30	Cyhalothrin	µg/l	Absent	USEPA 525.2
Herbicides				
34.31	Alachlor	µg/l	Absent	USEPA 525.2
34.32	Butachlor	µg/l	Absent	USEPA 525.2
34.33	Fluchloralin	µg/l	Absent	USEPA 525.2
34.34	Pendimethalin	µg/l	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, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin: 100 µg/l.


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD 0130 Issue Date : 24/10/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---

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


Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 14/10/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 15/10/2022	Lab ID.	: BLD/2210/05
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 15/10/2022	Date of Completion of Test	: 24/10/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.63	IS 3025 (Part 11)
2	Colour	Hazen	4.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.57	IS 3025 (Part – 14)
4	Turbidity	NTU	0.26	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	374	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	138	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	168	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	8.14	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	0.08	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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 0130 Issue Date : 24/10/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---

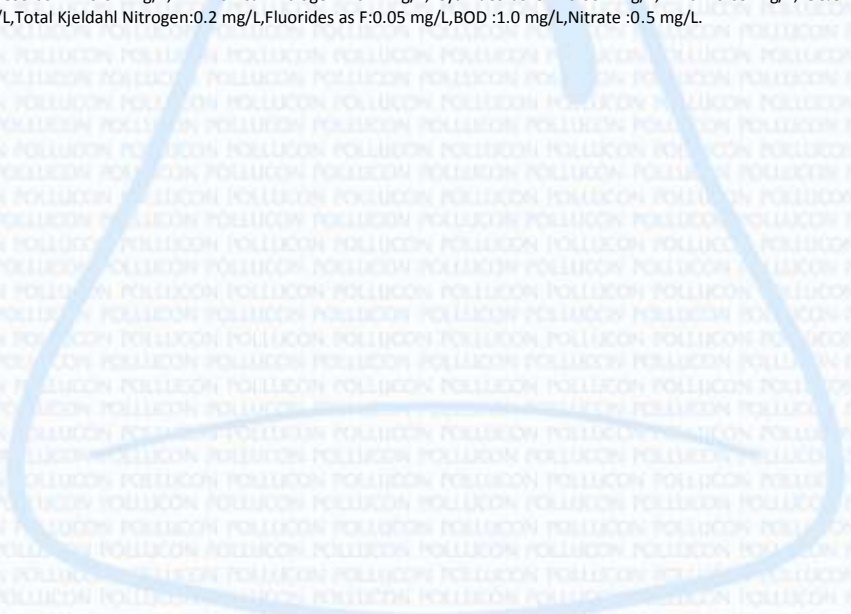
Sampling Location	: Inside Mandir
-------------------	------------------------

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	29.6	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	15.26	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	28.47	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	3.96	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	Absent	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




Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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 0130 Issue Date : 24/10/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---

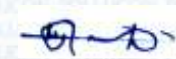
Sampling Location	: Inside Mandir
-------------------	------------------------

RESULT TABLE

SR. NO.	Pesticides/Insecticides	UNIT	RESULT	METHOD ADOPTED
34.1	Aldrin	µg/l	Absent	USEPA 508
34.2	Dicofol	µg/l	Absent	USEPA 508
34.3	Dieldrin	µg/l	Absent	USEPA 508
34.4	Alpha Endosulfan	µg/l	Absent	USEPA 508
34.5	Beta Endosulfan	µg/l	Absent	USEPA 508
34.6	Sulphate Endosulfan	µg/l	Absent	USEPA 508
34.7	Heptachlor	µg/l	Absent	USEPA 525.2
34.8	Hexachlorobenzene (HCB)	µg/l	Absent	USEPA 508
34.9	Methoxy Chlor	µg/l	Absent	USEPA 508
34.10	Alpha-HCH	µg/l	Absent	USEPA 508
34.11	Beta-HCH	µg/l	Absent	USEPA 508
34.12	Gamma-HCH	µg/l	Absent	USEPA 508
34.13	2,4 DDT	µg/l	Absent	USEPA 508
34.14	2,4 DDD	µg/l	Absent	USEPA 508
34.15	2,4 DDE	µg/l	Absent	USEPA 508
34.16	4,4 DDT	µg/l	Absent	USEPA 508
34.17	4,4 DDE	µg/l	Absent	USEPA 508
34.18	4,4 DDD	µg/l	Absent	USEPA 508
34.19	Delta HCH	µg/l	Absent	USEPA 508
Organo Phosphorous Pesticides(OPPs)				
34.20	Chlorpyrifos	µg/l	Absent	USEPA 525.2
34.21	Ethion	µg/l	Absent	USEPA 525.2
34.22	Malathion	µg/l	Absent	USEPA 525.2
34.23	Monocrotophos	µg/l	Absent	USEPA 525.2
34.24	Phorate	µg/l	Absent	USEPA 525.2
34.25	Methyl Parathion	µg/l	Absent	USEPA 525.2
34.26	Quinaphos	µg/l	Absent	USEPA 525.2
Synthetic Pyrethroids (SPs)				
34.27	Deltamethrin	µg/l	Absent	USEPA 525.2
34.28	Fenpropethrin	µg/l	Absent	USEPA 525.2
34.29	Alpha-Cypermethrin	µg/l	Absent	USEPA 525.2
34.30	Cyhalothrin	µg/l	Absent	USEPA 525.2
Herbicides				
34.31	Alachlor	µg/l	Absent	USEPA 525.2
34.32	Butachlor	µg/l	Absent	USEPA 525.2
34.33	Fluchloralin	µg/l	Absent	USEPA 525.2
34.34	Pendimethalin	µg/l	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, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin: 100 µg/l..


Dr. Arun Bajpai
 Lab Manager(Q)


H. T. Shah
 Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD 0131 Issue Date : 24/10/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---

Sampling Location	: Nr. EB 3 Down Stream
-------------------	-------------------------------


Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 14/10/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 15/10/2022	Lab ID.	: BLD/2210/12
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 15/10/2022	Date of Completion of Test	: 24/10/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.43	IS 3025 (Part 11)
2	Colour	Co.pt	10	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	53.82	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	34980	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	4168	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	420	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	14738	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3416	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.38	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	0.45	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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 0131 Issue Date : 24/10/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---

Sampling Location	: Nr. EB 3 Down Stream
-------------------	-------------------------------


RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.17	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	326	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	804	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	10614	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	210	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.7	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides **	µg/L	Absent	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


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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 0131 Issue Date : 24/10/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---


Sampling Location	: Nr. EB 3 Down Stream
-------------------	-------------------------------

RESULT TABLE

SR. NO.	Pesticides/Insecticides	UNIT	RESULT	METHOD ADOPTED
34.1	Aldrin	µg/l	Absent	USEPA 508
34.2	Dicofol	µg/l	Absent	USEPA 508
34.3	Dieldrin	µg/l	Absent	USEPA 508
34.4	Alpha Endosulfan	µg/l	Absent	USEPA 508
34.5	Beta Endosulfan	µg/l	Absent	USEPA 508
34.6	Sulphate Endosulfan	µg/l	Absent	USEPA 508
34.7	Heptachlor	µg/l	Absent	USEPA 525.2
34.8	Hexachlorobenzene (HCB)	µg/l	Absent	USEPA 508
34.9	Methoxy Chlor	µg/l	Absent	USEPA 508
34.10	Alpha-HCH	µg/l	Absent	USEPA 508
34.11	Beta-HCH	µg/l	Absent	USEPA 508
34.12	Gamma-HCH	µg/l	Absent	USEPA 508
34.13	2,4 DDT	µg/l	Absent	USEPA 508
34.14	2,4 DDD	µg/l	Absent	USEPA 508
34.15	2,4 DDE	µg/l	Absent	USEPA 508
34.16	4,4 DDT	µg/l	Absent	USEPA 508
34.17	4,4 DDE	µg/l	Absent	USEPA 508
34.18	4,4 DDD	µg/l	Absent	USEPA 508
34.19	Delta HCH	µg/l	Absent	USEPA 508
Organo Phosphorous Pesticides(OPPs)				
34.20	Chlorpyrifos	µg/l	Absent	USEPA 525.2
34.21	Ethion	µg/l	Absent	USEPA 525.2
34.22	Malathion	µg/l	Absent	USEPA 525.2
34.23	Monocrotophos	µg/l	Absent	USEPA 525.2
34.24	Phorate	µg/l	Absent	USEPA 525.2
34.25	Methyl Parathion	µg/l	Absent	USEPA 525.2
34.26	Quinaphos	µg/l	Absent	USEPA 525.2
Synthetic Pyrethroids (SPs)				
34.27	Deltamethrin	µg/l	Absent	USEPA 525.2
34.28	Fenpropethrin	µg/l	Absent	USEPA 525.2
34.29	Alpha-Cypermethrin	µg/l	Absent	USEPA 525.2
34.30	Cyhalothrin	µg/l	Absent	USEPA 525.2
Herbicides				
34.31	Alachlor	µg/l	Absent	USEPA 525.2
34.32	Butachlor	µg/l	Absent	USEPA 525.2
34.33	Fluchloralin	µg/l	Absent	USEPA 525.2
34.34	Pendimethalin	µg/l	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, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin: 100 µg/l..


Dr. Arun Bajpai
 Lab Manager(Q)


H. T. Shah
 Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD 0132 Issue Date : 24/10/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	---

Sampling Location	: Nr. EB 4 Down Stream
-------------------	-------------------------------


Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 14/10/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 15/10/2022	Lab ID.	: BLD/2210/13
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 15/10/2022	Date of Completion of Test	: 24/10/2022

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	48.56	IS 3025 (Part – 14)
4	Turbidity	NTU	1.37	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	9.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	31932	IS 3025 (Part-16)
7	TOC	mg/L	7.16	APHA (23 rd Edition) 5310 B
8	COD	mg/L	57	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	4132	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	390	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.17	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	13614	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3068	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.29	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	0.28	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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 0132 Issue Date : 24/10/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---

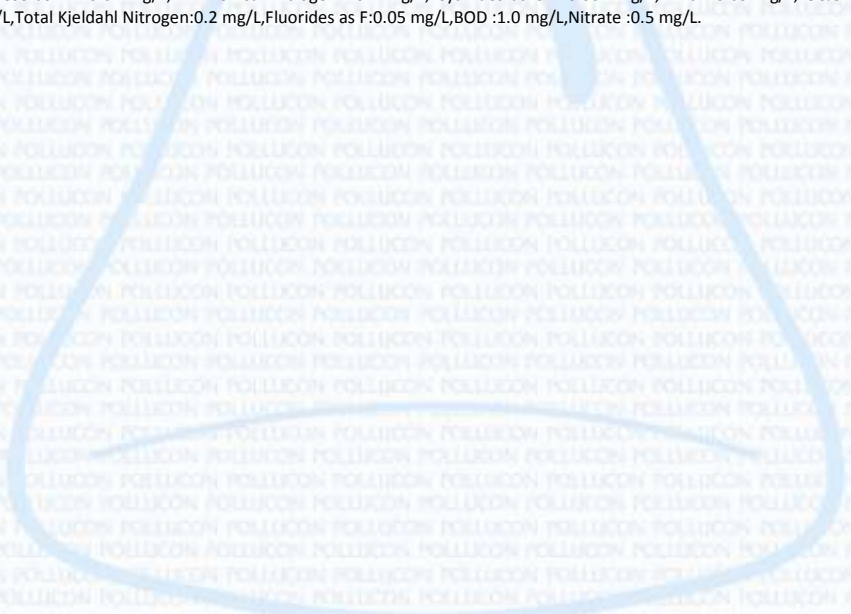
Sampling Location : Nr. EB 4 Down Stream

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	305	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	810	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	10296	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	221	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.18	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides **	µg/L	Absent	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




Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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 0132 Issue Date : 24/10/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---


Sampling Location : **Nr. EB 4 Down Stream**

RESULT TABLE

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


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD 0140 Issue Date : 23/11/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	---

Sampling Location	: EB 1 Up stream
-------------------	-------------------------

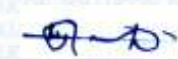
Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 12/11/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 14/11/2022	Lab ID.	: BLD/2211/02
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 14/11/2022	Date of Completion of Test	: 23/11/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.49	IS 3025 (Part 11)
2	Colour	Co-pt	15	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	55.74	IS 3025 (Part – 14)
4	Turbidity	NTU	1.63	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	14	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	36234	IS 3025 (Part-16)
7	TOC	mg/L	7.0	APHA (23 rd Edition) 5310 B
8	COD	mg/L	72	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	4537	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	482	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.93	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	15264	APHA (23 rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3628	APHA(23 rd Edition) 4110 B
14	Nitrate	mg/L	1.69	APHA(23 rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23 rd Edition) 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	0.54	APHA (23 rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
 Lab Manager(Q)


H. T. Shah
 Lab. Manager

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

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

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

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



TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD 0140
	Issue Date : 23/11/2022
	Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022

Sampling Location : EB 1 Up stream


RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.17	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	410	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	843	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	11465	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	260	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	8.0	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 / USEPA 525.2 / USEPA 532

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


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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 0140 Issue Date : 23/11/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---

 Sampling Location : **EB 1 Up stream**


RESULT TABLE

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



Dr. Arun Bajpai
Lab Manager(Q)



H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD 0141 Issue Date : 23/11/2022 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	: 12/11/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 14/11/2022	Lab ID.	: BLD/2211/03
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 14/11/2022	Date of Completion of Test	: 23/11/2022

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	51.75	IS 3025 (Part – 14)
4	Turbidity	NTU	1.37	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	9.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	33642	IS 3025 (Part-16)
7	TOC	mg/L	6.5	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	4180	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	428	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.68	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	14926	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3214	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	0.49	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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



TEST REPORT

QF/7.8/37-WT

Page: 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 0141
	Issue Date :	23/11/2022
	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	1.15	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	400	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	763	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	11132	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	218	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	7.0	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 / USEPA 525.2 / USEPA 532

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

Dr. Arun Bajpai
Lab Manager(Q)

H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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 0141 Issue Date : 23/11/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---

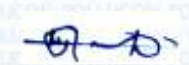
Sampling Location	: EB 2 Down Stream (Borewell)
-------------------	--------------------------------------

RESULT TABLE

SR. NO.	Pesticides/Insecticides	UNIT	RESULT	METHOD ADOPTED
34.1	Aldrin	µg/l	Absent	USEPA 508
34.2	Dicofol	µg/l	Absent	USEPA 508
34.3	Dieldrin	µg/l	Absent	USEPA 508
34.4	Alpha Endosulfan	µg/l	Absent	USEPA 508
34.5	Beta Endosulfan	µg/l	Absent	USEPA 508
34.6	Sulphate Endosulfan	µg/l	Absent	USEPA 508
34.7	Heptachlor	µg/l	Absent	USEPA 525.2
34.8	Hexachlorobenzene (HCB)	µg/l	Absent	USEPA 508
34.9	Methoxy Chlor	µg/l	Absent	USEPA 508
34.10	Alpha-HCH	µg/l	Absent	USEPA 508
34.11	Beta-HCH	µg/l	Absent	USEPA 508
34.12	Gamma-HCH	µg/l	Absent	USEPA 508
34.13	2,4 DDT	µg/l	Absent	USEPA 508
34.14	2,4 DDD	µg/l	Absent	USEPA 508
34.15	2,4 DDE	µg/l	Absent	USEPA 508
34.16	4,4 DDT	µg/l	Absent	USEPA 508
34.17	4,4 DDE	µg/l	Absent	USEPA 508
34.18	4,4 DDD	µg/l	Absent	USEPA 508
34.19	Delta HCH	µg/l	Absent	USEPA 508
Organo Phosphorous Pesticides(OPPs)				
34.20	Chlorpyrifos	µg/l	Absent	USEPA 525.2
34.21	Ethion	µg/l	Absent	USEPA 525.2
34.22	Malathion	µg/l	Absent	USEPA 525.2
34.23	Monocrotophos	µg/l	Absent	USEPA 525.2
34.24	Phorate	µg/l	Absent	USEPA 525.2
34.25	Methyl Parathion	µg/l	Absent	USEPA 525.2
34.26	Quinaphos	µg/l	Absent	USEPA 525.2
Synthetic Pyrethroids (SPs)				
34.27	Deltamethrin	µg/l	Absent	USEPA 525.2
34.28	Fenpropethrin	µg/l	Absent	USEPA 525.2
34.29	Alpha-Cypermethrin	µg/l	Absent	USEPA 525.2
34.30	Cyhalothrin	µg/l	Absent	USEPA 525.2
Herbicides				
34.31	Alachlor	µg/l	Absent	USEPA 525.2
34.32	Butachlor	µg/l	Absent	USEPA 525.2
34.33	Fluchloralin	µg/l	Absent	USEPA 525.2
34.34	Pendimethalin	µg/l	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, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l,
 Hexachlorobenzene (HCB):100 µg/l, Fluchloralin: 100 µg/l.


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD 0142 Issue Date : 23/11/2022 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	: 12/11/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 14/11/2022	Lab ID.	: BLD/2211/04
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 14/11/2022	Date of Completion of Test	: 23/11/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.56	IS 3025 (Part 11)
2	Colour	Hazen	4.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.76	IS 3025 (Part – 14)
4	Turbidity	NTU	0.49	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	494	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	151	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	148	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	248	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	11.38	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	0.079	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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



TEST REPORT

QF/7.8/37-WT

Page: 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 0142
	Issue Date : 23/11/2022
	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	17.04	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	28.70	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	4.19	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	Absent	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

Dr. Arun Bajpai
Lab Manager(Q)

H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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 0142 Issue Date : 23/11/2022 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	Absent	USEPA 508
34.2	Dicofol	µg/l	Absent	USEPA 508
34.3	Dieldrin	µg/l	Absent	USEPA 508
34.4	Alpha Endosulfan	µg/l	Absent	USEPA 508
34.5	Beta Endosulfan	µg/l	Absent	USEPA 508
34.6	Sulphate Endosulfan	µg/l	Absent	USEPA 508
34.7	Heptachlor	µg/l	Absent	USEPA 525.2
34.8	Hexachlorobenzene (HCB)	µg/l	Absent	USEPA 508
34.9	Methoxy Chlor	µg/l	Absent	USEPA 508
34.10	Alpha-HCH	µg/l	Absent	USEPA 508
34.11	Beta-HCH	µg/l	Absent	USEPA 508
34.12	Gamma-HCH	µg/l	Absent	USEPA 508
34.13	2,4 DDT	µg/l	Absent	USEPA 508
34.14	2,4 DDD	µg/l	Absent	USEPA 508
34.15	2,4 DDE	µg/l	Absent	USEPA 508
34.16	4,4 DDT	µg/l	Absent	USEPA 508
34.17	4,4 DDE	µg/l	Absent	USEPA 508
34.18	4,4 DDD	µg/l	Absent	USEPA 508
34.19	Delta HCH	µg/l	Absent	USEPA 508
Organo Phosphorous Pesticides(OPPs)				
34.20	Chlorpyriphos	µg/l	Absent	USEPA 525.2
34.21	Ethion	µg/l	Absent	USEPA 525.2
34.22	Malathion	µg/l	Absent	USEPA 525.2
34.23	Monocrotophos	µg/l	Absent	USEPA 525.2
34.24	Phorate	µg/l	Absent	USEPA 525.2
34.25	Methyl Parathion	µg/l	Absent	USEPA 525.2
34.26	Quinaphos	µg/l	Absent	USEPA 525.2
Synthetic Pyrethroids (SPs)				
34.27	Deltamethrin	µg/l	Absent	USEPA 525.2
34.28	Fenpropethrin	µg/l	Absent	USEPA 525.2
34.29	Alpha-Cypermethrin	µg/l	Absent	USEPA 525.2
34.30	Cyhalothrin	µg/l	Absent	USEPA 525.2
Herbicides				
34.31	Alachlor	µg/l	Absent	USEPA 525.2
34.32	Butachlor	µg/l	Absent	USEPA 525.2
34.33	Fluchloralin	µg/l	Absent	USEPA 525.2
34.34	Pendimethalin	µg/l	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, Chlorpyriphos: 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.


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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



TEST REPORT

QF/7.8/37-WT

Page: 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 0143
	Issue Date : 23/11/2022
	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	34	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	24.48	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	76.12	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	8.25	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	Absent	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

Dr. Arun Bajpai
Lab Manager(Q)

H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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 0143 Issue Date : 23/11/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---


Sampling Location : **Nr. Bus Station**

RESULT TABLE

SR. NO.	Pesticides/Insecticides	UNIT	RESULT	METHOD ADOPTED
34.1	Aldrin	µg/l	Absent	USEPA 508
34.2	Dicofol	µg/l	Absent	USEPA 508
34.3	Dieldrin	µg/l	Absent	USEPA 508
34.4	Alpha Endosulfan	µg/l	Absent	USEPA 508
34.5	Beta Endosulfan	µg/l	Absent	USEPA 508
34.6	Sulphate Endosulfan	µg/l	Absent	USEPA 508
34.7	Heptachlor	µg/l	Absent	USEPA 525.2
34.8	Hexachlorobenzene (HCB)	µg/l	Absent	USEPA 508
34.9	Methoxy Chlor	µg/l	Absent	USEPA 508
34.10	Alpha-HCH	µg/l	Absent	USEPA 508
34.11	Beta-HCH	µg/l	Absent	USEPA 508
34.12	Gamma-HCH	µg/l	Absent	USEPA 508
34.13	2,4 DDT	µg/l	Absent	USEPA 508
34.14	2,4 DDD	µg/l	Absent	USEPA 508
34.15	2,4 DDE	µg/l	Absent	USEPA 508
34.16	4,4 DDT	µg/l	Absent	USEPA 508
34.17	4,4 DDE	µg/l	Absent	USEPA 508
34.18	4,4 DDD	µg/l	Absent	USEPA 508
34.19	Delta HCH	µg/l	Absent	USEPA 508
Organo Phosphorous Pesticides(OPPs)				
34.20	Chlorpyrifos	µg/l	Absent	USEPA 525.2
34.21	Ethion	µg/l	Absent	USEPA 525.2
34.22	Malathion	µg/l	Absent	USEPA 525.2
34.23	Monocrotophos	µg/l	Absent	USEPA 525.2
34.24	Phorate	µg/l	Absent	USEPA 525.2
34.25	Methyl Parathion	µg/l	Absent	USEPA 525.2
34.26	Quinaphos	µg/l	Absent	USEPA 525.2
Synthetic Pyrethroids (SPs)				
34.27	Deltamethrin	µg/l	Absent	USEPA 525.2
34.28	Fenpropethrin	µg/l	Absent	USEPA 525.2
34.29	Alpha-Cypermethrin	µg/l	Absent	USEPA 525.2
34.30	Cyhalothrin	µg/l	Absent	USEPA 525.2
Herbicides				
34.31	Alachlor	µg/l	Absent	USEPA 525.2
34.32	Butachlor	µg/l	Absent	USEPA 525.2
34.33	Fluchloralin	µg/l	Absent	USEPA 525.2
34.34	Pendimethalin	µg/l	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, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin: 100 µg/l.


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD 0144 Issue Date : 23/11/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	--

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

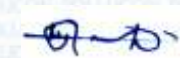
Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 12/11/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 14/11/2022	Lab ID.	: BLD/2211/06
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 14/11/2022	Date of Completion of Test	: 23/11/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.43	IS 3025 (Part 11)
2	Colour	Hazen	5.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.66	IS 3025 (Part – 14)
4	Turbidity	NTU	0.32	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	428	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	155	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	138	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	192	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	10.15	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	0.069	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
 Lab Manager(Q)


H. T. Shah
 Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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 0144 Issue Date : 23/11/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---

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

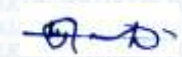
RESULT TABLE

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	32	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	18	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	31.56	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	3.9	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	Absent	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


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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 0144 Issue Date : 23/11/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---

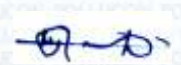
Sampling Location : **Inside Mandir**

RESULT TABLE

SR. NO.	Pesticides/Insecticides	UNIT	RESULT	METHOD ADOPTED
34.1	Aldrin	µg/l	Absent	USEPA 508
34.2	Dicofol	µg/l	Absent	USEPA 508
34.3	Dieldrin	µg/l	Absent	USEPA 508
34.4	Alpha Endosulfan	µg/l	Absent	USEPA 508
34.5	Beta Endosulfan	µg/l	Absent	USEPA 508
34.6	Sulphate Endosulfan	µg/l	Absent	USEPA 508
34.7	Heptachlor	µg/l	Absent	USEPA 525.2
34.8	Hexachlorobenzene (HCB)	µg/l	Absent	USEPA 508
34.9	Methoxy Chlor	µg/l	Absent	USEPA 508
34.10	Alpha-HCH	µg/l	Absent	USEPA 508
34.11	Beta-HCH	µg/l	Absent	USEPA 508
34.12	Gamma-HCH	µg/l	Absent	USEPA 508
34.13	2,4 DDT	µg/l	Absent	USEPA 508
34.14	2,4 DDD	µg/l	Absent	USEPA 508
34.15	2,4 DDE	µg/l	Absent	USEPA 508
34.16	4,4 DDT	µg/l	Absent	USEPA 508
34.17	4,4 DDE	µg/l	Absent	USEPA 508
34.18	4,4 DDD	µg/l	Absent	USEPA 508
34.19	Delta HCH	µg/l	Absent	USEPA 508
Organo Phosphorous Pesticides(OPPs)				
34.20	Chlorpyrifos	µg/l	Absent	USEPA 525.2
34.21	Ethion	µg/l	Absent	USEPA 525.2
34.22	Malathion	µg/l	Absent	USEPA 525.2
34.23	Monocrotophos	µg/l	Absent	USEPA 525.2
34.24	Phorate	µg/l	Absent	USEPA 525.2
34.25	Methyl Parathion	µg/l	Absent	USEPA 525.2
34.26	Quinaphos	µg/l	Absent	USEPA 525.2
Synthetic Pyrethroids (SPs)				
34.27	Deltamethrin	µg/l	Absent	USEPA 525.2
34.28	Fenpropethrin	µg/l	Absent	USEPA 525.2
34.29	Alpha-Cypermethrin	µg/l	Absent	USEPA 525.2
34.30	Cyhalothrin	µg/l	Absent	USEPA 525.2
Herbicides				
34.31	Alachlor	µg/l	Absent	USEPA 525.2
34.32	Butachlor	µg/l	Absent	USEPA 525.2
34.33	Fluchloralin	µg/l	Absent	USEPA 525.2
34.34	Pendimethalin	µg/l	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, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin: 100 µg/l..


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD 0145 Issue Date : 23/11/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	---

Sampling Location	: Nr. EB 3 Down Stream
-------------------	-------------------------------

Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 12/11/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 14/11/2022	Lab ID.	: BLD/2211/06A
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 14/11/2022	Date of Completion of Test	: 23/11/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.47	IS 3025 (Part 11)
2	Colour	Co.pt	10	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	52.11	IS 3025 (Part – 14)
4	Turbidity	NTU	1.46	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	9.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	33874	IS 3025 (Part-16)
7	TOC	mg/L	6.8	APHA (23 rd Edition) 5310 B
8	COD	mg/L	66	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	4298	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	405	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.39	IS : 3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	15298	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3356	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.47	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	0.32	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
 Lab Manager(Q)


H. T. Shah
 Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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 0145 Issue Date : 23/11/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---

Sampling Location	: Nr. EB 3 Down Stream
-------------------	-------------------------------

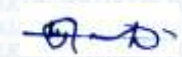
RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.10	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	364	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	813	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	11063	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	224	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	7.2	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 / USEPA 525.2 / USEPA 532

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


Dr. Arun Bajpai
 Lab Manager(Q)


H. T. Shah
 Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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 0145 Issue Date : 23/11/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---

Sampling Location : Nr. EB 3 Down Stream

RESULT TABLE

SR. NO.	Pesticides/Insecticides	UNIT	RESULT	METHOD ADOPTED
34.1	Aldrin	µg/l	Absent	USEPA 508
34.2	Dicofol	µg/l	Absent	USEPA 508
34.3	Dieldrin	µg/l	Absent	USEPA 508
34.4	Alpha Endosulfan	µg/l	Absent	USEPA 508
34.5	Beta Endosulfan	µg/l	Absent	USEPA 508
34.6	Sulphate Endosulfan	µg/l	Absent	USEPA 508
34.7	Heptachlor	µg/l	Absent	USEPA 525.2
34.8	Hexachlorobenzene (HCB)	µg/l	Absent	USEPA 508
34.9	Methoxy Chlor	µg/l	Absent	USEPA 508
34.10	Alpha-HCH	µg/l	Absent	USEPA 508
34.11	Beta-HCH	µg/l	Absent	USEPA 508
34.12	Gamma-HCH	µg/l	Absent	USEPA 508
34.13	2,4 DDT	µg/l	Absent	USEPA 508
34.14	2,4 DDD	µg/l	Absent	USEPA 508
34.15	2,4 DDE	µg/l	Absent	USEPA 508
34.16	4,4 DDT	µg/l	Absent	USEPA 508
34.17	4,4 DDE	µg/l	Absent	USEPA 508
34.18	4,4 DDD	µg/l	Absent	USEPA 508
34.19	Delta HCH	µg/l	Absent	USEPA 508
Organo Phosphorous Pesticides(OPPs)				
34.20	Chlorpyrifos	µg/l	Absent	USEPA 525.2
34.21	Ethion	µg/l	Absent	USEPA 525.2
34.22	Malathion	µg/l	Absent	USEPA 525.2
34.23	Monocrotophos	µg/l	Absent	USEPA 525.2
34.24	Phorate	µg/l	Absent	USEPA 525.2
34.25	Methyl Parathion	µg/l	Absent	USEPA 525.2
34.26	Quinaphos	µg/l	Absent	USEPA 525.2
Synthetic Pyrethroids (SPs)				
34.27	Deltamethrin	µg/l	Absent	USEPA 525.2
34.28	Fenpropethrin	µg/l	Absent	USEPA 525.2
34.29	Alpha-Cypermethrin	µg/l	Absent	USEPA 525.2
34.30	Cyhalothrin	µg/l	Absent	USEPA 525.2
Herbicides				
34.31	Alachlor	µg/l	Absent	USEPA 525.2
34.32	Butachlor	µg/l	Absent	USEPA 525.2
34.33	Fluchloralin	µg/l	Absent	USEPA 525.2
34.34	Pendimethalin	µg/l	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, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin: 100 µg/l..

(Signature)

Dr. Arun Bajpai
Lab Manager(Q)

(Signature)

H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD 0146A1 Issue Date : 23/11/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	---

Sampling Location	: Nr. EB 4 Down Stream
-------------------	-------------------------------


Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 12/11/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 14/11/2022	Lab ID.	: BLD/2211/06B
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 14/11/2022	Date of Completion of Test	: 23/11/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.52	IS 3025 (Part 11)
2	Colour	Co.pt.	15	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	50.29	IS 3025 (Part – 14)
4	Turbidity	NTU	1.43	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	12	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	32684	IS 3025 (Part-16)
7	TOC	mg/L	6.48	APHA (23 rd Edition) 5310 B
8	COD	mg/L	67	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	4328	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	406	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	14845	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3268	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	0.25	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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



TEST REPORT

QF/7.8/37-WT

Page: 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 0146A1
	Issue Date : 23/11/2022
	Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022

Sampling Location : **Nr. EB 4 Down Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.95	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	348	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	829	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	10932	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	6.8	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 / USEPA 525.2 / USEPA 532

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

Dr. Arun Bajpai
Lab Manager(Q)

H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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 0146A1 Issue Date : 23/11/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---

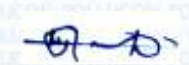
Sampling Location : **Nr. EB 4 Down Stream**

RESULT TABLE

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


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD 0154 Issue Date : 31/12/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	---

Sampling Location	: EB 1 Up stream
-------------------	-------------------------


Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 21/12/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 22/12/2022	Lab ID.	: BLD/2212/01
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 22/12/2022	Date of Completion of Test	: 31/12/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.42	IS 3025 (Part 11)
2	Colour	Co-pt	12	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	54.78	IS 3025 (Part – 14)
4	Turbidity	NTU	1.42	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	11	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	35612	IS 3025 (Part-16)
7	TOC	mg/L	6.6	APHA (23 rd Edition) 5310 B
8	COD	mg/L	69	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	4219	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	462	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.74	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	14924	APHA (23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3460	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.56	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...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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 0154 Issue Date : 31/12/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---

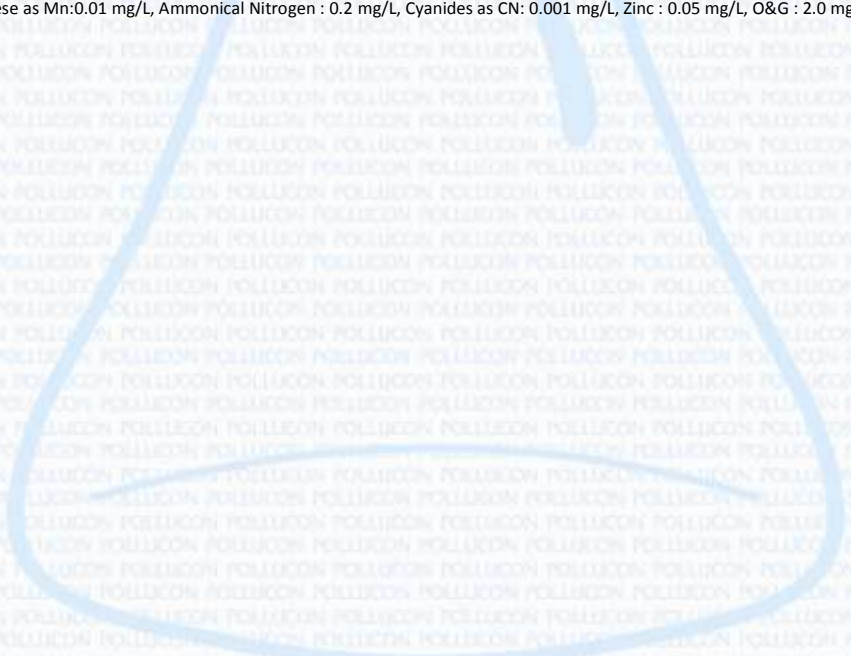
Sampling Location	: EB 1 Up stream
-------------------	-------------------------

RESULT TABLE


SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.12	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	384	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	782	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	11025	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	213	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	7.0	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 / USEPA 525.2 / USEPA 532

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




Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD 0155 Issue Date : 31/12/2022 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	: 21/12/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 22/12/2022	Lab ID.	: BLD/2212/02
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 22/12/2022	Date of Completion of Test	: 31/12/2022

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	49.12	IS 3025 (Part – 14)
4	Turbidity	NTU	1.34	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	10	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	31946	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	4099	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	423	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.36	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	13864	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3124	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	0.41	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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 0155 Issue Date : 31/12/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---

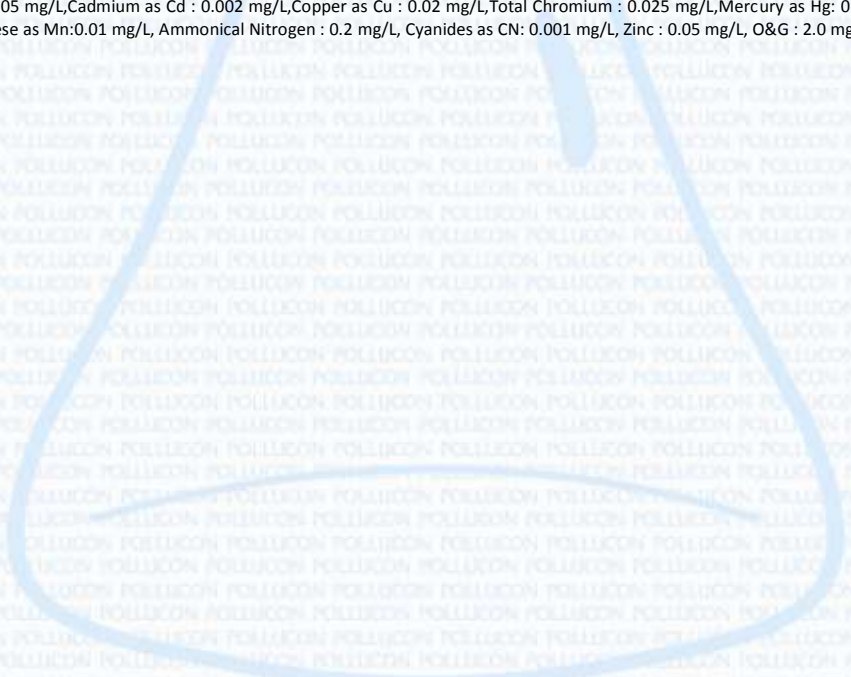
Sampling Location	: EB 2 Down Stream (Borewell)
-------------------	--------------------------------------

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.08	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	368	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	762	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	10815	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	196	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.0	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 / USEPA 525.2 / USEPA 532

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




Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD 0156 Issue Date : 31/12/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	---

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


Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 21/12/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 22/12/2022	Lab ID.	: BLD/2212/03
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 22/12/2022	Date of Completion of Test	: 31/12/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.41	IS 3025 (Part 11)
2	Colour	Hazen	5.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.98	IS 3025 (Part – 14)
4	Turbidity	NTU	0.62	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	642	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	171	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	168	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	338	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	38.24	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	0.078	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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 0156 Issue Date : 31/12/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---

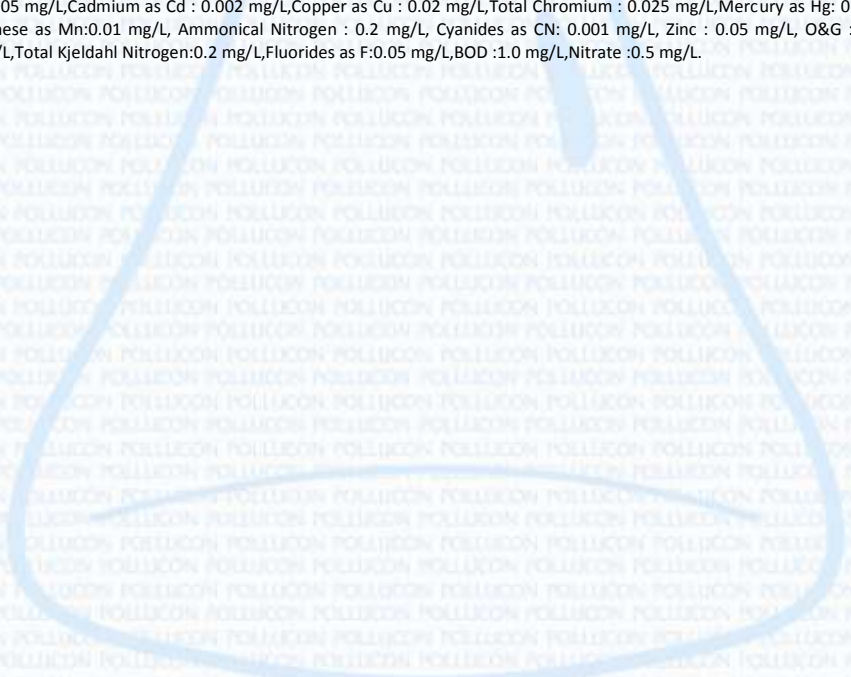
Sampling Location	: Nr. Bus Station
-------------------	--------------------------

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	32	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	21.84	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	37	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	6.8	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	Absent	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




Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD 0157 Issue Date : 31/12/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	---

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


Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 21/12/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 22/12/2022	Lab ID.	: BLD/2212/04
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 22/12/2022	Date of Completion of Test	: 31/12/2022

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	0.69	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	448	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	163	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	128	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	219	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	12.24	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	0.072	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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 0157 Issue Date : 31/12/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---

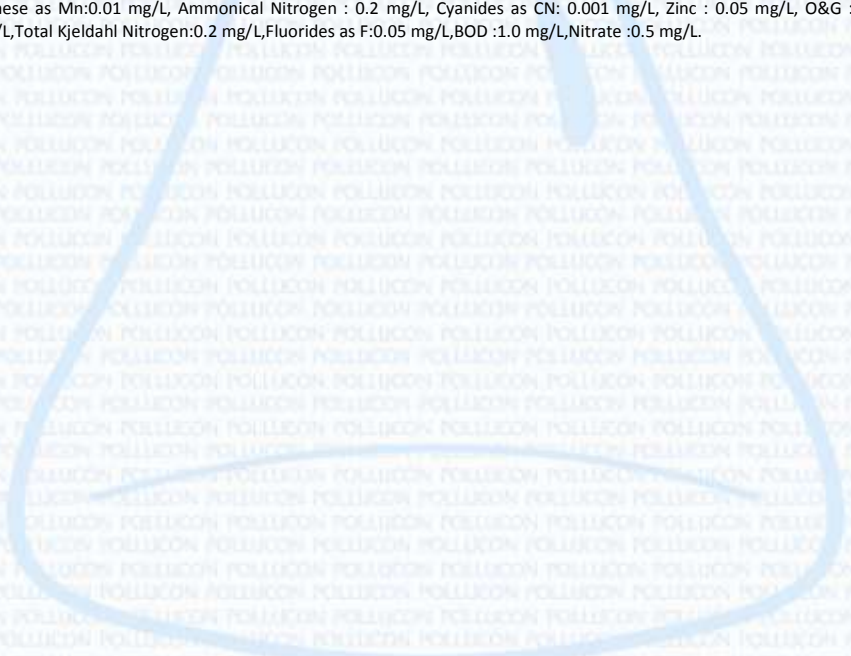
Sampling Location	: Inside Mandir
-------------------	------------------------

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	34	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	18.72	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	32.20	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	4.20	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	Not Detected	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 / USEPA 525.2 / USEPA 532

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




Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD 0158 Issue Date : 31/12/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	---

Sampling Location	: Nr. EB 3 Down Stream
-------------------	-------------------------------


Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 21/12/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 22/12/2022	Lab ID.	: BLD/2212/05
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 22/12/2022	Date of Completion of Test	: 31/12/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.39	IS 3025 (Part 11)
2	Colour	Co.pt	10	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	53.25	IS 3025 (Part – 14)
4	Turbidity	NTU	1.29	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	13	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	34612	IS 3025 (Part-16)
7	TOC	mg/L	6.0	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	4136	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	414	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.58	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	13294	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3174	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.28	APHA(23rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA(23rd Edition) 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	0.44	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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 0158 Issue Date : 31/12/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---

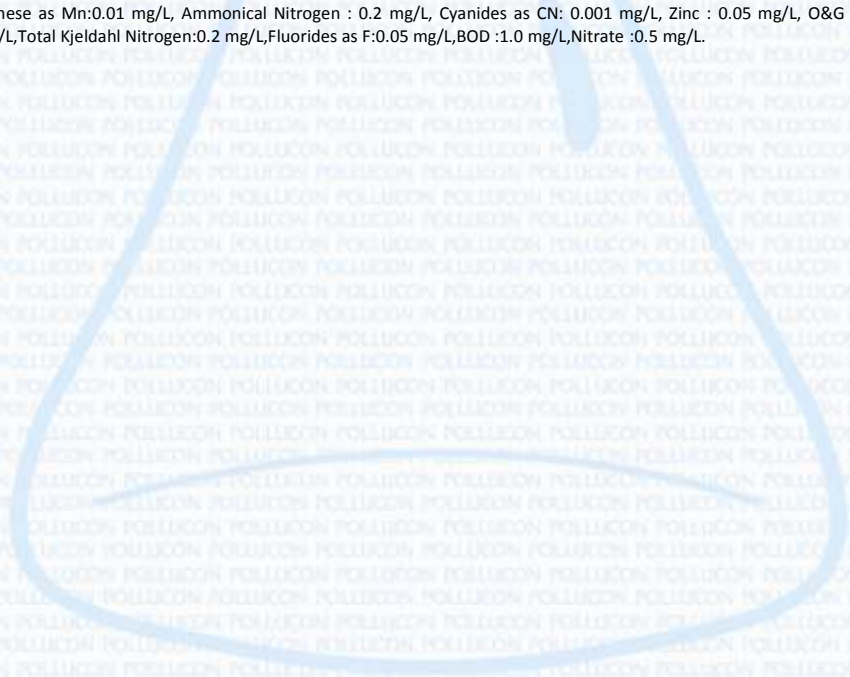
Sampling Location	: Nr. EB 3 Down Stream
-------------------	-------------------------------

RESULT TABLE


SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.06	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	368	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	771	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	10720	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	193	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	Absent	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




Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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 0158 Issue Date : 31/12/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---

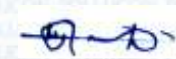
Sampling Location : **Nr. EB 3 Down Stream**

RESULT TABLE

SR. NO.	Pesticides/Insecticides	UNIT	RESULT	METHOD ADOPTED
34.1	Aldrin	µg/l	Absent	USEPA 508
34.2	Dicofol	µg/l	Absent	USEPA 508
34.3	Dieldrin	µg/l	Absent	USEPA 508
34.4	Alpha Endosulfan	µg/l	Absent	USEPA 508
34.5	Beta Endosulfan	µg/l	Absent	USEPA 508
34.6	Sulphate Endosulfan	µg/l	Absent	USEPA 508
34.7	Heptachlor	µg/l	Absent	USEPA 525.2
34.8	Hexachlorobenzene (HCB)	µg/l	Absent	USEPA 508
34.9	Methoxy Chlor	µg/l	Absent	USEPA 508
34.10	Alpha-HCH	µg/l	Absent	USEPA 508
34.11	Beta-HCH	µg/l	Absent	USEPA 508
34.12	Gamma-HCH	µg/l	Absent	USEPA 508
34.13	2,4 DDT	µg/l	Absent	USEPA 508
34.14	2,4 DDD	µg/l	Absent	USEPA 508
34.15	2,4 DDE	µg/l	Absent	USEPA 508
34.16	4,4 DDT	µg/l	Absent	USEPA 508
34.17	4,4 DDE	µg/l	Absent	USEPA 508
34.18	4,4 DDD	µg/l	Absent	USEPA 508
34.19	Delta HCH	µg/l	Absent	USEPA 508
Organo Phosphorous Pesticides(OPPs)				
34.20	Chlorpyrifos	µg/l	Absent	USEPA 525.2
34.21	Ethion	µg/l	Absent	USEPA 525.2
34.22	Malathion	µg/l	Absent	USEPA 525.2
34.23	Monocrotophos	µg/l	Absent	USEPA 525.2
34.24	Phorate	µg/l	Absent	USEPA 525.2
34.25	Methyl Parathion	µg/l	Absent	USEPA 525.2
34.26	Quinaphos	µg/l	Absent	USEPA 525.2
Synthetic Pyrethroids (SPs)				
34.27	Deltamethrin	µg/l	Absent	USEPA 525.2
34.28	Fenpropethrin	µg/l	Absent	USEPA 525.2
34.29	Alpha-Cypermethrin	µg/l	Absent	USEPA 525.2
34.30	Cyhalothrin	µg/l	Absent	USEPA 525.2
Herbicides				
34.31	Alachlor	µg/l	Absent	USEPA 525.2
34.32	Butachlor	µg/l	Absent	USEPA 525.2
34.33	Fluchloralin	µg/l	Absent	USEPA 525.2
34.34	Pendimethalin	µg/l	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, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin: 100 µg/l..


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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 0159 Issue Date : 31/12/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---

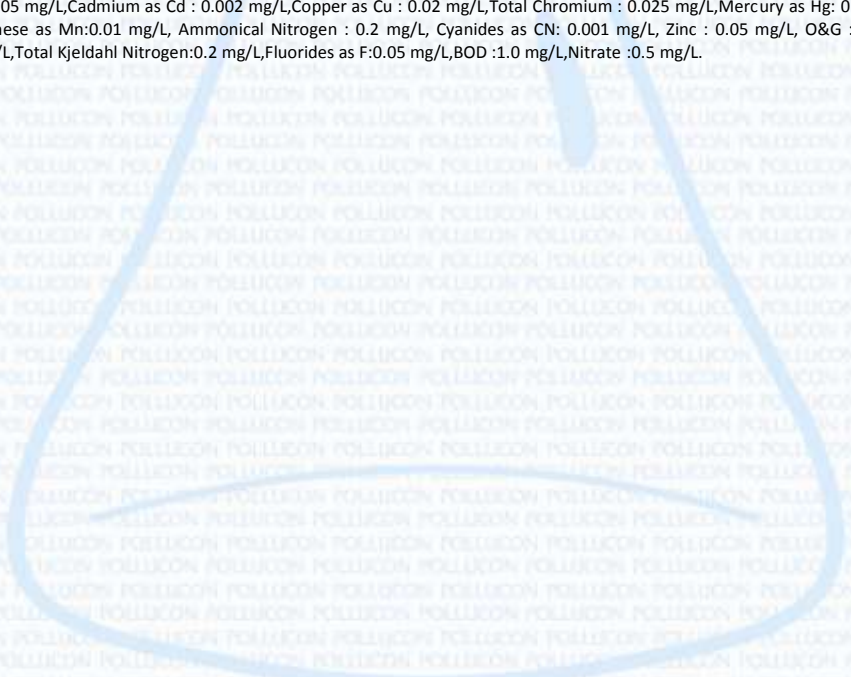
Sampling Location : Nr. EB 4 Down Stream

RESULT TABLE


SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.84	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	350	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	754	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	10640	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	215	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	5.8	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 / USEPA 525.2 / USEPA 532

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




Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD 0160 Issue Date : 31/12/2022 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	: 21/12/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 22/12/2022	Lab ID.	: BLD/2212/07A
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 22/12/2022	Date of Completion of Test	: 31/12/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.62	IS 3025 (Part 11)
2	Colour	Hazen	5.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.79	IS 3025 (Part - 14)
4	Turbidity	NTU	0.52	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	512	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	163	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	156	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	252	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	18.24	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	0.064	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
Lab Manager(Q)

H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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 0160 Issue Date : 31/12/2022 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	19.92	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	29	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	5.5	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	Not Detected	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 / USEPA 525.2 / USEPA 532

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




Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0006 Issue Date : 31/01/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	--

Sampling Location	: EB 1 Up stream
-------------------	-------------------------


Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 21/01/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 23/01/2023	Lab ID.	: BLD/2301/06
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 23/01/2023	Date of Completion of Test	: 31/01/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.64	IS 3025 (Part 11)
2	Colour	Co-pt	15	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	55.17	IS 3025 (Part – 14)
4	Turbidity	NTU	1.63	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	9.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	35862	IS 3025 (Part-16)
7	TOC	mg/L	7.0	APHA (23 rd Edition) 5310 B
8	COD	mg/L	76	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	4435	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	478	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.65	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	14995	APHA (23 rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3312	APHA(23 rd Edition) 4110 B
14	Nitrate	mg/L	1.9	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	0.49	APHA (23 rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0006 Issue Date : 31/01/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	--

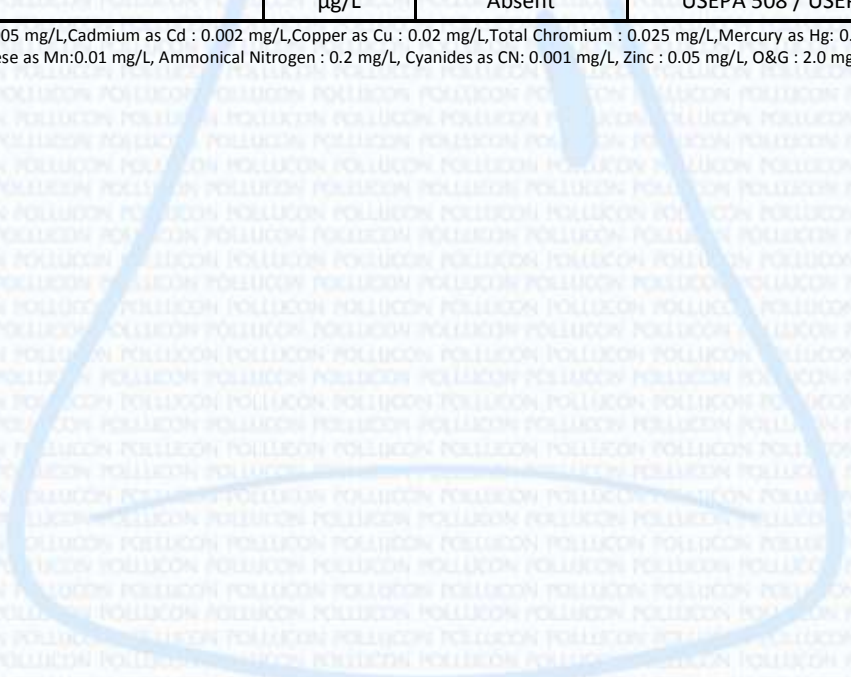
Sampling Location	: EB 1 Up stream
-------------------	-------------------------

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	382	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	835	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	10974	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	200	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.8	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 / USEPA 525.2 / USEPA 532

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




Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0007 Issue Date : 31/01/2023 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	: 21/01/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 23/01/2023	Lab ID.	: BLD/2301/07
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 23/01/2023	Date of Completion of Test	: 31/01/2023

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	49.95	IS 3025 (Part – 14)
4	Turbidity	NTU	1.46	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	32468	IS 3025 (Part-16)
7	TOC	mg/L	5.0	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	4186	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	452	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.25	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	14545	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3156	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	0.41	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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



TEST REPORT

QF/7.8/37-WT

Page: 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/23/0007
	Issue Date : 31/01/2023
	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	0.91	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	364	IS 3025 (Part - 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	786	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	10330	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	185	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	Absent	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


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0007 Issue Date : 31/01/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	--

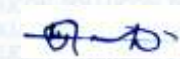
Sampling Location	: EB 2 Down Stream (Borewell)
-------------------	--------------------------------------

RESULT TABLE

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


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0008 Issue Date : 31/01/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	--

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


Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 21/01/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 23/01/2023	Lab ID.	: BLD/2301/08
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 23/01/2023	Date of Completion of Test	: 31/01/2023

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	0.69	IS 3025 (Part – 14)
4	Turbidity	NTU	0.45	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	447	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	153	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	175	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	162	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	16.4	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	0.049	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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



TEST REPORT

QF/7.8/37-WT

Page: 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/23/0008
	Issue Date : 31/01/2023
	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	28	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	19.92	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	38	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	5.0	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	Not Detected	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 / USEPA 525.2 / USEPA 532

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

Dr. Arun Bajpai
Lab Manager(Q)

H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0009 Issue Date : 31/01/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	--

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


Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 21/01/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 23/01/2023	Lab ID.	: BLD/2301/09
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 23/01/2023	Date of Completion of Test	: 31/01/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.72	IS 3025 (Part 11)
2	Colour	Hazen	4.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.56	IS 3025 (Part – 14)
4	Turbidity	NTU	0.32	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	364	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	124	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	142	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	10.1	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	0.065	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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



TEST REPORT

QF/7.8/37-WT

Page: 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/23/0009
	Issue Date : 31/01/2023
	Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022

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	24.0	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	15.36	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	32	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	4.0	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	Not Detected	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 / USEPA 525.2 / USEPA 532

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


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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/23/0009 Issue Date : 31/01/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	--

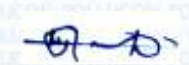
Sampling Location : Inside Mandir
--

RESULT TABLE

SR. NO.	Pesticides/Insecticides	UNIT	RESULT	METHOD ADOPTED
34.1	Aldrin	µg/l	Absent	USEPA 508
34.2	Dicofol	µg/l	Absent	USEPA 508
34.3	Dieldrin	µg/l	Absent	USEPA 508
34.4	Alpha Endosulfan	µg/l	Absent	USEPA 508
34.5	Beta Endosulfan	µg/l	Absent	USEPA 508
34.6	Sulphate Endosulfan	µg/l	Absent	USEPA 508
34.7	Heptachlor	µg/l	Absent	USEPA 525.2
34.8	Hexachlorobenzene (HCB)	µg/l	Absent	USEPA 508
34.9	Methoxy Chlor	µg/l	Absent	USEPA 508
34.10	Alpha-HCH	µg/l	Absent	USEPA 508
34.11	Beta-HCH	µg/l	Absent	USEPA 508
34.12	Gamma-HCH	µg/l	Absent	USEPA 508
34.13	2,4 DDT	µg/l	Absent	USEPA 508
34.14	2,4 DDD	µg/l	Absent	USEPA 508
34.15	2,4 DDE	µg/l	Absent	USEPA 508
34.16	4,4 DDT	µg/l	Absent	USEPA 508
34.17	4,4 DDE	µg/l	Absent	USEPA 508
34.18	4,4 DDD	µg/l	Absent	USEPA 508
34.19	Delta HCH	µg/l	Absent	USEPA 508
Organo Phosphorous Pesticides(OPPs)				
34.20	Chlorpyrifos	µg/l	Absent	USEPA 525.2
34.21	Ethion	µg/l	Absent	USEPA 525.2
34.22	Malathion	µg/l	Absent	USEPA 525.2
34.23	Monocrotophos	µg/l	Absent	USEPA 525.2
34.24	Phorate	µg/l	Absent	USEPA 525.2
34.25	Methyl Parathion	µg/l	Absent	USEPA 525.2
34.26	Quinaphos	µg/l	Absent	USEPA 525.2
Synthetic Pyrethroids (SPs)				
34.27	Deltamethrin	µg/l	Absent	USEPA 525.2
34.28	Fenpropethrin	µg/l	Absent	USEPA 525.2
34.29	Alpha-Cypermethrin	µg/l	Absent	USEPA 525.2
34.30	Cyhalothrin	µg/l	Absent	USEPA 525.2
Herbicides				
34.31	Alachlor	µg/l	Absent	USEPA 525.2
34.32	Butachlor	µg/l	Absent	USEPA 525.2
34.33	Fluchloralin	µg/l	Absent	USEPA 525.2
34.34	Pendimethalin	µg/l	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, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin: 100 µg/l..


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0010 Issue Date : 31/01/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	--

Sampling Location	: Nr. EB 3 Down Stream
-------------------	-------------------------------


Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 21/01/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 23/01/2023	Lab ID.	: BLD/2301/10
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 23/01/2023	Date of Completion of Test	: 31/01/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.49	IS 3025 (Part 11)
2	Colour	Co.pt	11	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	52.48	IS 3025 (Part – 14)
4	Turbidity	NTU	0.95	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	8.6	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	34115	IS 3025 (Part-16)
7	TOC	mg/L	6.2	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	4062	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	498	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.38	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	12999	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3024	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	0.95	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	0.39	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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



TEST REPORT

QF/7.8/37-WT

Page: 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/23/0010
	Issue Date : 31/01/2023
	Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022

Sampling Location : Nr. EB 3 Down Stream


RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.86	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	365	IS 3025 (Part - 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	756	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	10225	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	180	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	5.1	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 / USEPA 525.2 / USEPA 532

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


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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/23/0010 Issue Date : 31/01/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	--

 Sampling Location : **Nr. EB 3 Down Stream**


RESULT TABLE

SR. NO.	Pesticides/Insecticides	UNIT	RESULT	METHOD ADOPTED
34.1	Aldrin	µg/l	Absent	USEPA 508
34.2	Dicofol	µg/l	Absent	USEPA 508
34.3	Dieldrin	µg/l	Absent	USEPA 508
34.4	Alpha Endosulfan	µg/l	Absent	USEPA 508
34.5	Beta Endosulfan	µg/l	Absent	USEPA 508
34.6	Sulphate Endosulfan	µg/l	Absent	USEPA 508
34.7	Heptachlor	µg/l	Absent	USEPA 525.2
34.8	Hexachlorobenzene (HCB)	µg/l	Absent	USEPA 508
34.9	Methoxy Chlor	µg/l	Absent	USEPA 508
34.10	Alpha-HCH	µg/l	Absent	USEPA 508
34.11	Beta-HCH	µg/l	Absent	USEPA 508
34.12	Gamma-HCH	µg/l	Absent	USEPA 508
34.13	2,4 DDT	µg/l	Absent	USEPA 508
34.14	2,4 DDD	µg/l	Absent	USEPA 508
34.15	2,4 DDE	µg/l	Absent	USEPA 508
34.16	4,4 DDT	µg/l	Absent	USEPA 508
34.17	4,4 DDE	µg/l	Absent	USEPA 508
34.18	4,4 DDD	µg/l	Absent	USEPA 508
34.19	Delta HCH	µg/l	Absent	USEPA 508
Organo Phosphorous Pesticides(OPPs)				
34.20	Chlorpyrifos	µg/l	Absent	USEPA 525.2
34.21	Ethion	µg/l	Absent	USEPA 525.2
34.22	Malathion	µg/l	Absent	USEPA 525.2
34.23	Monocrotophos	µg/l	Absent	USEPA 525.2
34.24	Phorate	µg/l	Absent	USEPA 525.2
34.25	Methyl Parathion	µg/l	Absent	USEPA 525.2
34.26	Quinaphos	µg/l	Absent	USEPA 525.2
Synthetic Pyrethroids (SPs)				
34.27	Deltamethrin	µg/l	Absent	USEPA 525.2
34.28	Fenpropethrin	µg/l	Absent	USEPA 525.2
34.29	Alpha-Cypermethrin	µg/l	Absent	USEPA 525.2
34.30	Cyhalothrin	µg/l	Absent	USEPA 525.2
Herbicides				
34.31	Alachlor	µg/l	Absent	USEPA 525.2
34.32	Butachlor	µg/l	Absent	USEPA 525.2
34.33	Fluchloralin	µg/l	Absent	USEPA 525.2
34.34	Pendimethalin	µg/l	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, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin: 100 µg/l..



Dr. Arun Bajpai
Lab Manager(Q)



H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0011 Issue Date : 31/01/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	--

Sampling Location	: Nr. EB 4 Down Stream
-------------------	-------------------------------


Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 21/01/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 23/01/2023	Lab ID.	: BLD/2301/11
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 23/01/2023	Date of Completion of Test	: 31/01/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.52	IS 3025 (Part 11)
2	Colour	Co.pt	10	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	46.49	IS 3025 (Part – 14)
4	Turbidity	NTU	1.35	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	7.2	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	30219	IS 3025 (Part-16)
7	TOC	mg/L	5.4	APHA (23 rd Edition) 5310 B
8	COD	mg/L	56	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	3938	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	418	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.16	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	12519	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	2863	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	0.86	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	0.32	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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



TEST REPORT

QF/7.8/37-WT

Page: 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/23/0011
	Issue Date : 31/01/2023
	Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022

Sampling Location : Nr. EB 4 Down Stream


RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.95	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	364	IS 3025 (Part - 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	726	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	10186	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	178	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	4.8	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Absent	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


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0011 Issue Date : 31/01/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	--

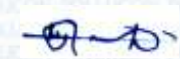
Sampling Location : **Nr. EB 4 Down Stream**

RESULT TABLE

SR. NO.	Pesticides/Insecticides	UNIT	RESULT	METHOD ADOPTED
34.1	Aldrin	µg/l	Absent	USEPA 508
34.2	Dicofol	µg/l	Absent	USEPA 508
34.3	Dieldrin	µg/l	Absent	USEPA 508
34.4	Alpha Endosulfan	µg/l	Absent	USEPA 508
34.5	Beta Endosulfan	µg/l	Absent	USEPA 508
34.6	Sulphate Endosulfan	µg/l	Absent	USEPA 508
34.7	Heptachlor	µg/l	Absent	USEPA 525.2
34.8	Hexachlorobenzene (HCB)	µg/l	Absent	USEPA 508
34.9	Methoxy Chlor	µg/l	Absent	USEPA 508
34.10	Alpha-HCH	µg/l	Absent	USEPA 508
34.11	Beta-HCH	µg/l	Absent	USEPA 508
34.12	Gamma-HCH	µg/l	Absent	USEPA 508
34.13	2,4 DDT	µg/l	Absent	USEPA 508
34.14	2,4 DDD	µg/l	Absent	USEPA 508
34.15	2,4 DDE	µg/l	Absent	USEPA 508
34.16	4,4 DDT	µg/l	Absent	USEPA 508
34.17	4,4 DDE	µg/l	Absent	USEPA 508
34.18	4,4 DDD	µg/l	Absent	USEPA 508
34.19	Delta HCH	µg/l	Absent	USEPA 508
Organo Phosphorous Pesticides(OPPs)				
34.20	Chlorpyrifos	µg/l	Absent	USEPA 525.2
34.21	Ethion	µg/l	Absent	USEPA 525.2
34.22	Malathion	µg/l	Absent	USEPA 525.2
34.23	Monocrotophos	µg/l	Absent	USEPA 525.2
34.24	Phorate	µg/l	Absent	USEPA 525.2
34.25	Methyl Parathion	µg/l	Absent	USEPA 525.2
34.26	Quinaphos	µg/l	Absent	USEPA 525.2
Synthetic Pyrethroids (SPs)				
34.27	Deltamethrin	µg/l	Absent	USEPA 525.2
34.28	Fenpropethrin	µg/l	Absent	USEPA 525.2
34.29	Alpha-Cypermethrin	µg/l	Absent	USEPA 525.2
34.30	Cyhalothrin	µg/l	Absent	USEPA 525.2
Herbicides				
34.31	Alachlor	µg/l	Absent	USEPA 525.2
34.32	Butachlor	µg/l	Absent	USEPA 525.2
34.33	Fluchloralin	µg/l	Absent	USEPA 525.2
34.34	Pendimethalin	µg/l	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, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin: 100 µg/l..


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0012 Issue Date : 31/01/2023 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	: 21/01/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 23/01/2023	Lab ID.	: BLD/2301/13
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 23/01/2023	Date of Completion of Test	: 31/01/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.62	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	0.43	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	332	IS 3025 (Part-16)
7	TOC	mg/L	Not Detected	APHA (23 rd Edition) 5310 B
8	COD	mg/L	Not Detected	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	116	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	122	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	126	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	9.80	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	0.043	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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



TEST REPORT

QF/7.8/37-WT

Page: 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/23/0012
	Issue Date : 31/01/2023
	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	20	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	31	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	5.0	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	Not Detected	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 / USEPA 525.2 / USEPA 532

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


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0021 Issue Date : 28/02/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	--

Sampling Location	: EB 1 Up stream
-------------------	-------------------------


Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 18/02/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 20/02/2023	Lab ID.	: BLD/2302/06
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 20/02/2023	Date of Completion of Test	: 28/02/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.78	IS 3025 (Part 11)
2	Colour	Co-pt	15	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	56.72	IS 3025 (Part – 14)
4	Turbidity	NTU	1.52	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	11.2	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	36868	IS 3025 (Part-16)
7	TOC	mg/L	8.2	APHA (23 rd Edition) 5310 B
8	COD	mg/L	74	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	4158	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	482	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.72	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	16244	APHA (23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3184	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.76	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	0.528	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
 Lab Manager(Q)


H. T. Shah
 Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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/23/0021 Issue Date : 28/02/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	--

 Sampling Location : **EB 1 Up stream**

RESULT TABLE

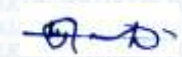
SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.06	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	414	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	749	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	12424	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	282	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	7.1	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 / USEPA 525.2 / USEPA 532

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



Dr. Arun Bajpai
Lab Manager(Q)



H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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/23/0021 Issue Date : 28/02/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	--


Sampling Location	: EB 1 Up stream
-------------------	-------------------------

RESULT TABLE

SR. NO.	Pesticides/Insecticides	UNIT	RESULT	METHOD ADOPTED
34.1	Aldrin	µg/l	Absent	USEPA 508
34.2	Dicofol	µg/l	Absent	USEPA 508
34.3	Dieldrin	µg/l	Absent	USEPA 508
34.4	Alpha Endosulfan	µg/l	Absent	USEPA 508
34.5	Beta Endosulfan	µg/l	Absent	USEPA 508
34.6	Sulphate Endosulfan	µg/l	Absent	USEPA 508
34.7	Heptachlor	µg/l	Absent	USEPA 525.2
34.8	Hexachlorobenzene (HCB)	µg/l	Absent	USEPA 508
34.9	Methoxy Chlor	µg/l	Absent	USEPA 508
34.10	Alpha-HCH	µg/l	Absent	USEPA 508
34.11	Beta-HCH	µg/l	Absent	USEPA 508
34.12	Gamma-HCH	µg/l	Absent	USEPA 508
34.13	2,4 DDT	µg/l	Absent	USEPA 508
34.14	2,4 DDD	µg/l	Absent	USEPA 508
34.15	2,4 DDE	µg/l	Absent	USEPA 508
34.16	4,4 DDT	µg/l	Absent	USEPA 508
34.17	4,4 DDE	µg/l	Absent	USEPA 508
34.18	4,4 DDD	µg/l	Absent	USEPA 508
34.19	Delta HCH	µg/l	Absent	USEPA 508
Organo Phosphorous Pesticides(OPPs)				
34.20	Chlorpyrifos	µg/l	Absent	USEPA 525.2
34.21	Ethion	µg/l	Absent	USEPA 525.2
34.22	Malathion	µg/l	Absent	USEPA 525.2
34.23	Monocrotophos	µg/l	Absent	USEPA 525.2
34.24	Phorate	µg/l	Absent	USEPA 525.2
34.25	Methyl Parathion	µg/l	Absent	USEPA 525.2
34.26	Quinaphos	µg/l	Absent	USEPA 525.2
Synthetic Pyrethroids (SPs)				
34.27	Deltamethrin	µg/l	Absent	USEPA 525.2
34.28	Fenpropethrin	µg/l	Absent	USEPA 525.2
34.29	Alpha-Cypermethrin	µg/l	Absent	USEPA 525.2
34.30	Cyhalothrin	µg/l	Absent	USEPA 525.2
Herbicides				
34.31	Alachlor	µg/l	Absent	USEPA 525.2
34.32	Butachlor	µg/l	Absent	USEPA 525.2
34.33	Fluchloralin	µg/l	Absent	USEPA 525.2
34.34	Pendimethalin	µg/l	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, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin: 100 µg/l.


Dr. Arun Bajpai
 Lab Manager(Q)


H. T. Shah
 Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0022 Issue Date : 28/02/2023 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	: 18/02/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 20/02/2023	Lab ID.	: BLD/2302/07
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 20/02/2023	Date of Completion of Test	: 28/02/2023

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	51.23	IS 3025 (Part – 14)
4	Turbidity	NTU	1.57	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	10.4	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	33298	IS 3025 (Part-16)
7	TOC	mg/L	7.4	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	3680	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	468	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.58	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	14848	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3062	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.29	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	0.462	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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



TEST REPORT

QF/7.8/37-WT

Page: 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/23/0022
	Issue Date : 28/02/2023
	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	0.86	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	398	IS 3025 (Part - 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	644	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	11868	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	6.4	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 / USEPA 525.2 / USEPA 532

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


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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/23/0022 Issue Date : 28/02/2023 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	Absent	USEPA 508
34.2	Dicofol	µg/l	Absent	USEPA 508
34.3	Dieldrin	µg/l	Absent	USEPA 508
34.4	Alpha Endosulfan	µg/l	Absent	USEPA 508
34.5	Beta Endosulfan	µg/l	Absent	USEPA 508
34.6	Sulphate Endosulfan	µg/l	Absent	USEPA 508
34.7	Heptachlor	µg/l	Absent	USEPA 525.2
34.8	Hexachlorobenzene (HCB)	µg/l	Absent	USEPA 508
34.9	Methoxy Chlor	µg/l	Absent	USEPA 508
34.10	Alpha-HCH	µg/l	Absent	USEPA 508
34.11	Beta-HCH	µg/l	Absent	USEPA 508
34.12	Gamma-HCH	µg/l	Absent	USEPA 508
34.13	2,4 DDT	µg/l	Absent	USEPA 508
34.14	2,4 DDD	µg/l	Absent	USEPA 508
34.15	2,4 DDE	µg/l	Absent	USEPA 508
34.16	4,4 DDT	µg/l	Absent	USEPA 508
34.17	4,4 DDE	µg/l	Absent	USEPA 508
34.18	4,4 DDD	µg/l	Absent	USEPA 508
34.19	Delta HCH	µg/l	Absent	USEPA 508
Organo Phosphorous Pesticides(OPPs)				
34.20	Chlorpyrifos	µg/l	Absent	USEPA 525.2
34.21	Ethion	µg/l	Absent	USEPA 525.2
34.22	Malathion	µg/l	Absent	USEPA 525.2
34.23	Monocrotophos	µg/l	Absent	USEPA 525.2
34.24	Phorate	µg/l	Absent	USEPA 525.2
34.25	Methyl Parathion	µg/l	Absent	USEPA 525.2
34.26	Quinaphos	µg/l	Absent	USEPA 525.2
Synthetic Pyrethroids (SPs)				
34.27	Deltamethrin	µg/l	Absent	USEPA 525.2
34.28	Fenpropethrin	µg/l	Absent	USEPA 525.2
34.29	Alpha-Cypermethrin	µg/l	Absent	USEPA 525.2
34.30	Cyhalothrin	µg/l	Absent	USEPA 525.2
Herbicides				
34.31	Alachlor	µg/l	Absent	USEPA 525.2
34.32	Butachlor	µg/l	Absent	USEPA 525.2
34.33	Fluchloralin	µg/l	Absent	USEPA 525.2
34.34	Pendimethalin	µg/l	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, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin: 100 µg/l.


Dr. Arun Bajpai
 Lab Manager(Q)


H. T. Shah
 Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0023 Issue Date : 28/02/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	--

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


Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 18/02/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 20/02/2023	Lab ID.	: BLD/2302/08
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 20/02/2023	Date of Completion of Test	: 28/02/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.32	IS 3025 (Part 11)
2	Colour	Hazen	2.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.66	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	428	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	180	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	146	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	15.4	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	0.061	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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



TEST REPORT

QF/7.8/37-WT

Page: 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/23/0023
	Issue Date : 28/02/2023
	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	31	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	14.4	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	24	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	3.17	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	Absent	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


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0024 Issue Date : 28/02/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	--

Sampling Location	: Inside Mandir		
Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 18/02/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 20/02/2023	Lab ID.	: BLD/2302/09
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 20/02/2023	Date of Completion of Test	: 28/02/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.28	IS 3025 (Part 11)
2	Colour	Hazen	3.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.59	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	388	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	160	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	162	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	16.1	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	0.079	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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/23/0024 Issue Date : 28/02/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	--

Sampling Location : **Inside Mandir**

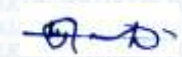
RESULT TABLE

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	21.60	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	29	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	3.7	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	Absent	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


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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/23/0024 Issue Date : 28/02/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	--

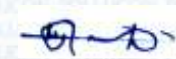
Sampling Location : **Inside Mandir**

RESULT TABLE

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


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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/23/0025 Issue Date : 28/02/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	--

Sampling Location	: EB 3
-------------------	---------------

RESULT TABLE


SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.84	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	384	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	11624	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	272	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.6	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 / USEPA 525.2 / USEPA 532

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



Dr. Arun Bajpai
Lab Manager(Q)



H. T. Shah
Lab. Manager

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

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

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

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

**TEST REPORT**

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0026
	Issue Date :	28/02/2023
	Customer's Ref. :	W.O. No. 8522230080 Dated:29.04.2022

Sampling Location :	EB 4
---------------------	-------------

Description of Sample :	Ground Water sample	Quantity/No. of Samples :	05 Lit./One
Date of Sampling :	18/02/2023	Sampling Procedure :	IS:3025
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) :	QC/Env. Monitoring
Sample Receipt Date :	20/02/2023	Lab ID. :	BLD/2302/11
Packing/ Seal :	Sealed	Test Parameters :	As per table
Date of Starting of Test :	20/02/2023	Date of Completion of Test :	28/02/2023

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	52.21	IS 3025 (Part - 14)
4	Turbidity	NTU	1.19	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	9.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	33934	IS 3025 (Part-16)
7	TOC	mg/L	6.6	APHA (23 rd Edition) 5310 B
8	COD	mg/L	62	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	3496	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	436	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	1.32	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	14294	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	2776	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.25	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	0.41	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...

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

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

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

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

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



TEST REPORT

QF/7.8/37-WT

Page: 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/23/0026
	Issue Date :	28/02/2023
	Customer's Ref. :	W.O. No. 8522230080 Dated:29.04.2022

Sampling Location :	EB 4
---------------------	-------------


RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.36	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	340	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	11764	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	246	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	5.8	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 / USEPA 525.2 / USEPA 532

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


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 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/23/0026 Issue Date : 28/02/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	--

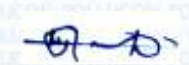
Sampling Location	: EB 4
-------------------	---------------

RESULT TABLE

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


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0027 Issue Date : 28/02/2023 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	: 18/02/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 20/02/2023	Lab ID.	: BLD/2302/12
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 20/02/2023	Date of Completion of Test	: 28/02/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.74	IS 3025 (Part 11)
2	Colour	Hazen	5.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.61	IS 3025 (Part – 14)
4	Turbidity	NTU	0.51	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	398	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	140	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	146	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	153	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	15.40	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	0.078	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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



TEST REPORT

QF/7.8/37-WT

Page: 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/23/0027
	Issue Date : 28/02/2023
	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	28.4	IS 3025 (Part - 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	16.8	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	27.65	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	4.12	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	Not Detected	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 / USEPA 525.2 / USEPA 532

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


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0027 Issue Date : 28/02/2023 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	Absent	USEPA 508
34.2	Dicofol	µg/l	Absent	USEPA 508
34.3	Dieldrin	µg/l	Absent	USEPA 508
34.4	Alpha Endosulfan	µg/l	Absent	USEPA 508
34.5	Beta Endosulfan	µg/l	Absent	USEPA 508
34.6	Sulphate Endosulfan	µg/l	Absent	USEPA 508
34.7	Heptachlor	µg/l	Absent	USEPA 525.2
34.8	Hexachlorobenzene (HCB)	µg/l	Absent	USEPA 508
34.9	Methoxy Chlor	µg/l	Absent	USEPA 508
34.10	Alpha-HCH	µg/l	Absent	USEPA 508
34.11	Beta-HCH	µg/l	Absent	USEPA 508
34.12	Gamma-HCH	µg/l	Absent	USEPA 508
34.13	2,4 DDT	µg/l	Absent	USEPA 508
34.14	2,4 DDD	µg/l	Absent	USEPA 508
34.15	2,4 DDE	µg/l	Absent	USEPA 508
34.16	4,4 DDT	µg/l	Absent	USEPA 508
34.17	4,4 DDE	µg/l	Absent	USEPA 508
34.18	4,4 DDD	µg/l	Absent	USEPA 508
34.19	Delta HCH	µg/l	Absent	USEPA 508
Organo Phosphorous Pesticides(OPPs)				
34.20	Chlorpyriphos	µg/l	Absent	USEPA 525.2
34.21	Ethion	µg/l	Absent	USEPA 525.2
34.22	Malathion	µg/l	Absent	USEPA 525.2
34.23	Monocrotophos	µg/l	Absent	USEPA 525.2
34.24	Phorate	µg/l	Absent	USEPA 525.2
34.25	Methyl Parathion	µg/l	Absent	USEPA 525.2
34.26	Quinaphos	µg/l	Absent	USEPA 525.2
Synthetic Pyrethroids (SPs)				
34.27	Deltamethrin	µg/l	Absent	USEPA 525.2
34.28	Fenpropethrin	µg/l	Absent	USEPA 525.2
34.29	Alpha-Cypermethrin	µg/l	Absent	USEPA 525.2
34.30	Cyhalothrin	µg/l	Absent	USEPA 525.2
Herbicides				
34.31	Alachlor	µg/l	Absent	USEPA 525.2
34.32	Butachlor	µg/l	Absent	USEPA 525.2
34.33	Fluchloralin	µg/l	Absent	USEPA 525.2
34.34	Pendimethalin	µg/l	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, Chlorpyriphos: 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.


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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

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

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

**TEST REPORT**

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0034 Issue Date : 04/04/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	--

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

Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 28/03/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 29/03/2023	Lab ID.	: BLD/2303/04
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 29/03/2023	Date of Completion of Test	: 04/04/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.49	IS 3025 (Part 11)
2	Colour	Co-pt	15	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	55.93	IS 3025 (Part – 14)
4	Turbidity	NTU	1.47	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	15	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	36350	IS 3025 (Part-16)
7	TOC	mg/L	6.79	APHA (23 rd Edition) 5310 B
8	COD	mg/L	69	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	4080	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	512	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.96	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	15845	APHA (23 rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3298	APHA(23 rd Edition) 4110 B
14	Nitrate	mg/L	1.47	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	0.48	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.

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

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

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



TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0034
	Issue Date : 04/04/2023
	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	1.15	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	408	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	734	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	12049	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	7.71	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.

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0034 Issue Date : 04/04/2023 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)

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

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/23/0035 Issue Date : 04/04/2023 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	: 28/03/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 29/03/2023	Lab ID.	: BLD/2303/05
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 29/03/2023	Date of Completion of Test	: 04/04/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.48	IS 3025 (Part 11)
2	Colour	Co-pt	13	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	52.05	IS 3025 (Part – 14)
4	Turbidity	NTU	1.37	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	9.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	33801	IS 3025 (Part-16)
7	TOC	mg/L	6.49	APHA (23 rd Edition) 5310 B
8	COD	mg/L	57	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	3620	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	426	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	14570	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	3026	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.36	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	0.45	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.

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0035 Issue Date : 04/04/2023 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	0.98	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	636	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	11658	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	217	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	7.3	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	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.

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0035 Issue Date : 04/04/2023 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)

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**

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/23/0036
	Issue Date :	04/04/2023
	Customer's Ref. :	W.O. No. 8522230080 Dated:29.04.2022

Sampling Location :	Nr. Bus Station		
Description of Sample :	Ground Water sample	Quantity/No. of Samples :	05 Lit./One
Date of Sampling :	28/03/2023	Sampling Procedure :	IS:3025
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) :	QC/Env. Monitoring
Sample Receipt Date :	29/03/2023	Lab ID. :	BLD/2303/06
Packing/ Seal :	Sealed	Test Parameters :	As per table
Date of Starting of Test :	29/03/2023	Date of Completion of Test :	04/04/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.63	IS 3025 (Part 11)
2	Colour	Hazen	5.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.93	IS 3025 (Part - 14)
4	Turbidity	NTU	0.53	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	602	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	148	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	190	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	314	APHA(23 rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	24.01	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	0.087	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.

- 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.

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/23/0036 Issue Date : 04/04/2023 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	30.4	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	17.28	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	22.6	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	5.22	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.

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0036 Issue Date : 04/04/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	--

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.

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0037 Issue Date : 04/04/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	--

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

Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 28/03/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 29/03/2023	Lab ID.	: BLD/2303/07
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 29/03/2023	Date of Completion of Test	: 04/04/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.49	IS 3025 (Part 11)
2	Colour	Hazen	4.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.61	IS 3025 (Part – 14)
4	Turbidity	NTU	0.31	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	446	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	152	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	157	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	196	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	22.63	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	0.091	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.

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

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

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



TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0037
	Issue Date :	04/04/2023
	Customer's Ref. :	W.O. No. 8522230080 Dated:29.04.2022

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	32.4	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	17.04	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	21.75	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	4.1	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	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.

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0037 Issue Date : 04/04/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	--

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)

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

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/23/0038 Issue Date : 04/04/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	--

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

Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 28/03/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 29/03/2023	Lab ID.	: BLD/2303/08
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 29/03/2023	Date of Completion of Test	: 04/04/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.74	IS 3025 (Part 11)
2	Colour	Co.pt	10	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	52.95	IS 3025 (Part – 14)
4	Turbidity	NTU	1.18	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	12	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	34418	IS 3025 (Part-16)
7	TOC	mg/L	6.57	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	4040	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	408	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.56	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	14245	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	2972	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	0.43	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)

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

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/23/0038
	Issue Date :	04/04/2023
	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	1.08	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	408	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	724	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	11648	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	219	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	7.69	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.

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0038 Issue Date : 04/04/2023 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)

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

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/23/0039 Issue Date : 04/04/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	--

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

Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 28/03/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 29/03/2023	Lab ID.	: BLD/2303/09
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 29/03/2023	Date of Completion of Test	: 04/04/2023

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	51.56	IS 3025 (Part – 14)
4	Turbidity	NTU	1.26	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	11	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	33512	IS 3025 (Part-16)
7	TOC	mg/L	5.85	APHA (23 rd Edition) 5310 B
8	COD	mg/L	63	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	3880	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	409	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.25	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	14370	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	2893	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.17	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	0.35	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.

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

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

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



TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0039
	Issue Date :	04/04/2023
	Customer's Ref. :	W.O. No. 8522230080 Dated:29.04.2022

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

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	1.05	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	384	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	700	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	11465	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	213	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, 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.

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0039 Issue Date : 04/04/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	--

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)

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**

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/23/0040 Issue Date : 04/04/2023 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	: 28/03/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 29/03/2023	Lab ID.	: BLD/2303/10
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 29/03/2023	Date of Completion of Test	: 04/04/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.68	IS 3025 (Part 11)
2	Colour	Hazen	5.0	IS 3025 (Part 4)
3	Conductivity	mmhos/cm	0.67	IS 3025 (Part – 14)
4	Turbidity	NTU	0.39	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	428	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	141	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	185	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	23.98	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	0.068	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.

- 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.



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/23/0040
	Issue Date : 04/04/2023
	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	31.6	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	14.88	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	23.98	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	3.17	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.

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

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

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

TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0040 Issue Date : 04/04/2023 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: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)

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

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/23/0068A Issue Date : 27/05/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
--	---

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

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/23/0069A Issue Date : 27/05/2023 Customer's Ref. : W.O. No. 8523240099 Dated:03.05.2023
--	--

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

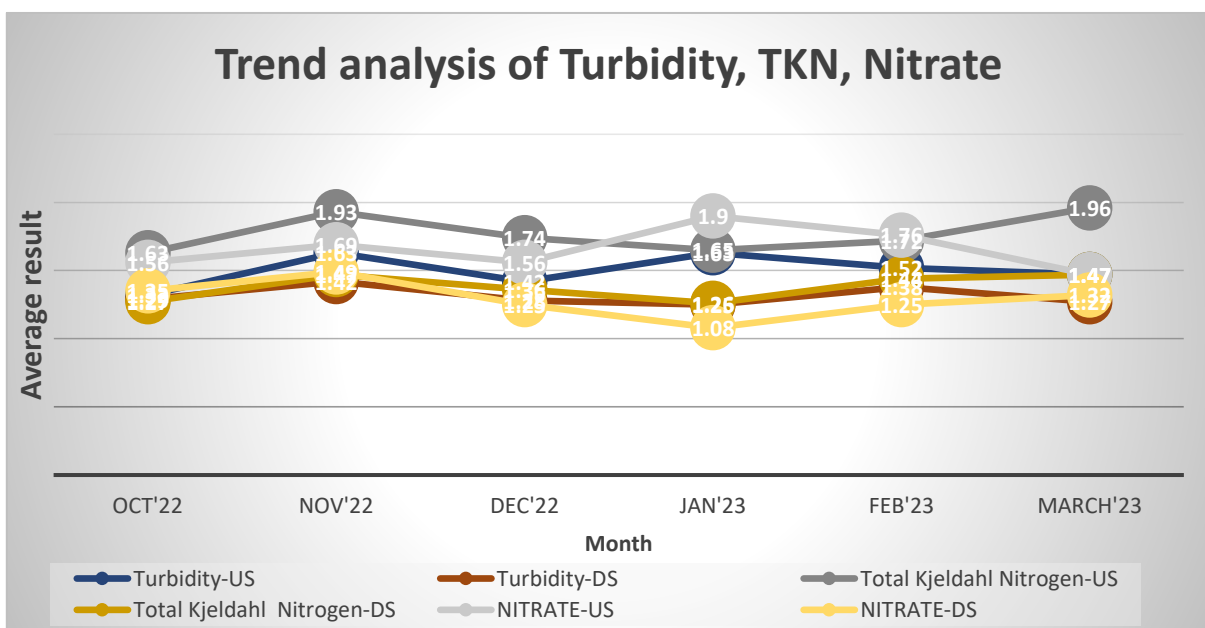
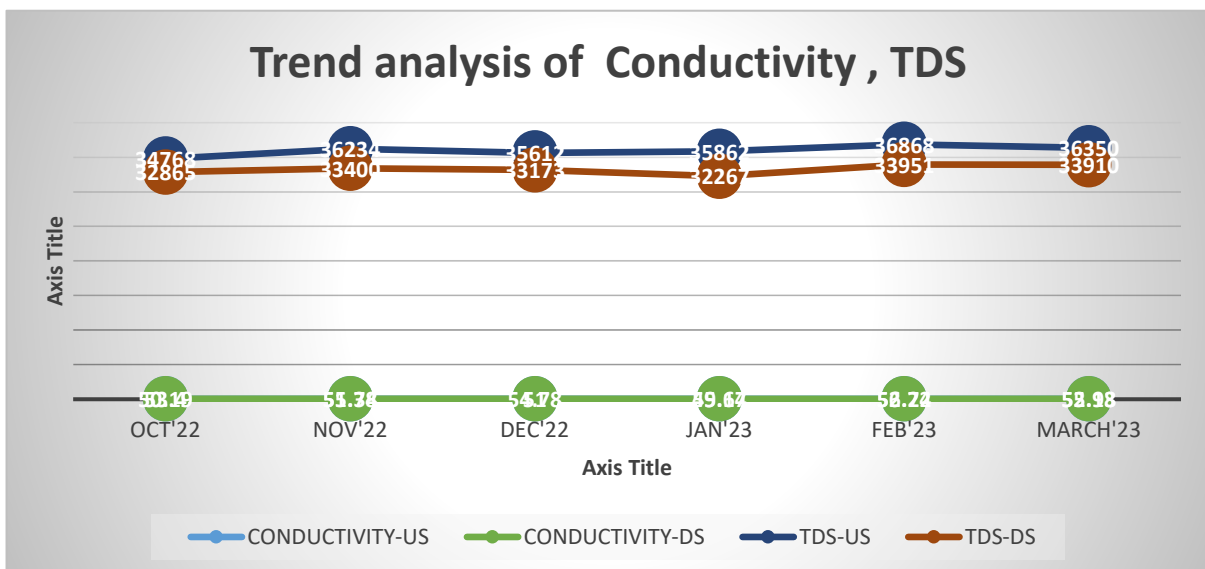
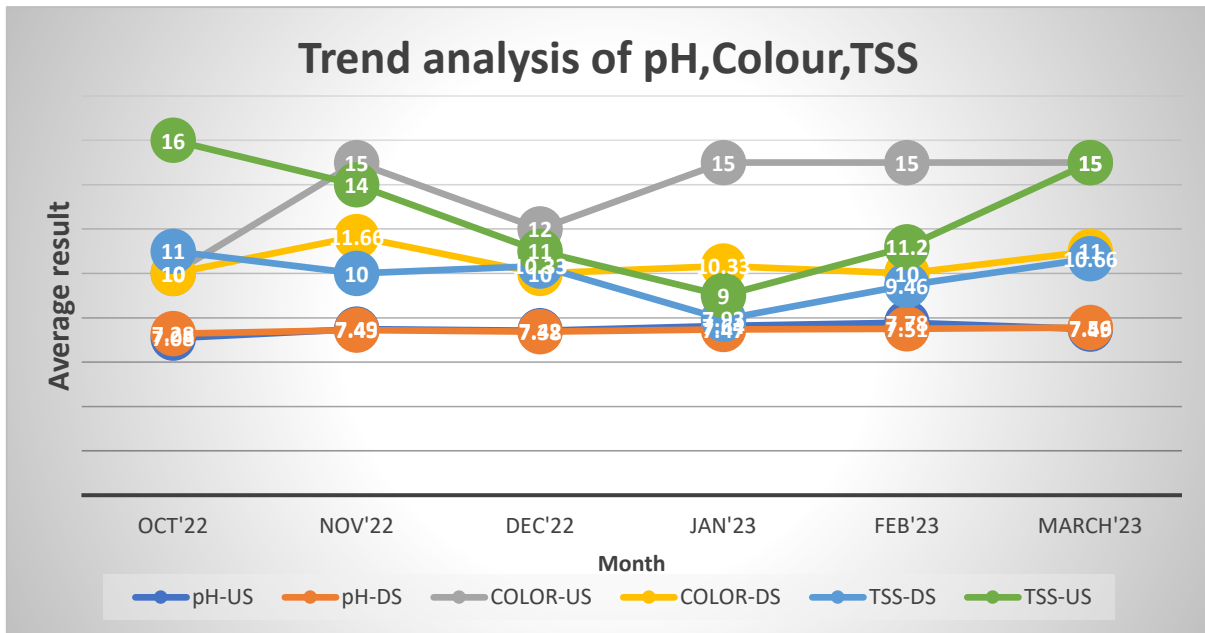

Dr. Arun Bajpai
Lab Manager(Q)

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

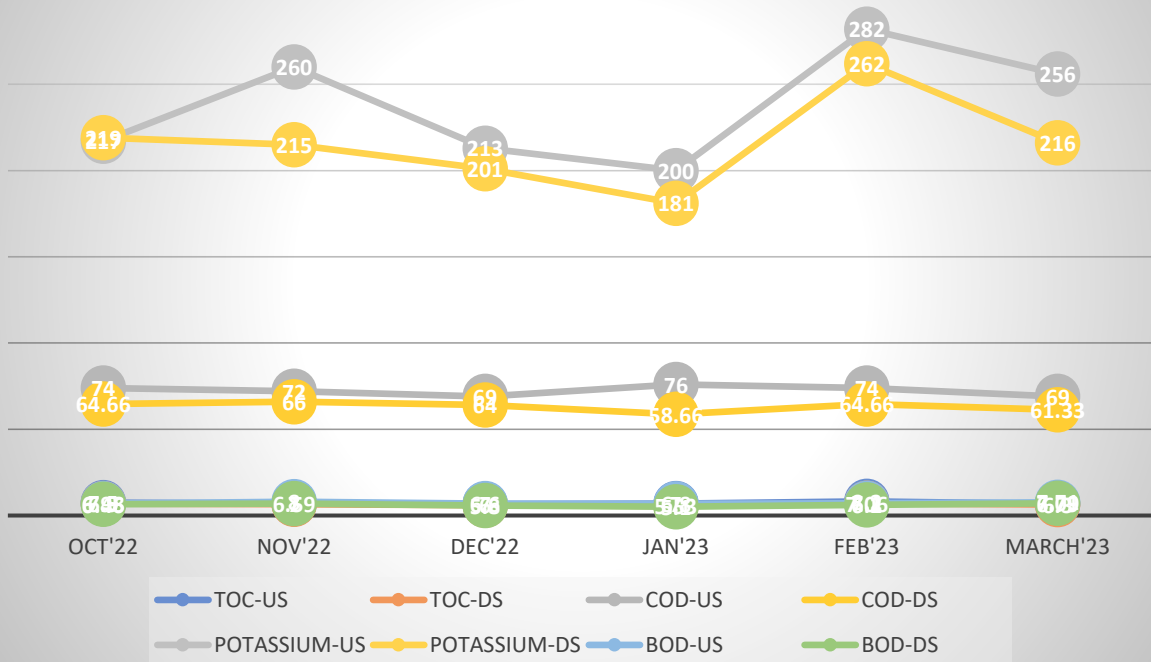
● Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986
 ● GPCB approved schedule II auditor
 ● ISO 14001 : 2004
 ● OHSAS 18001 : 2007
 ● ISO 9001 : 2008

"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.

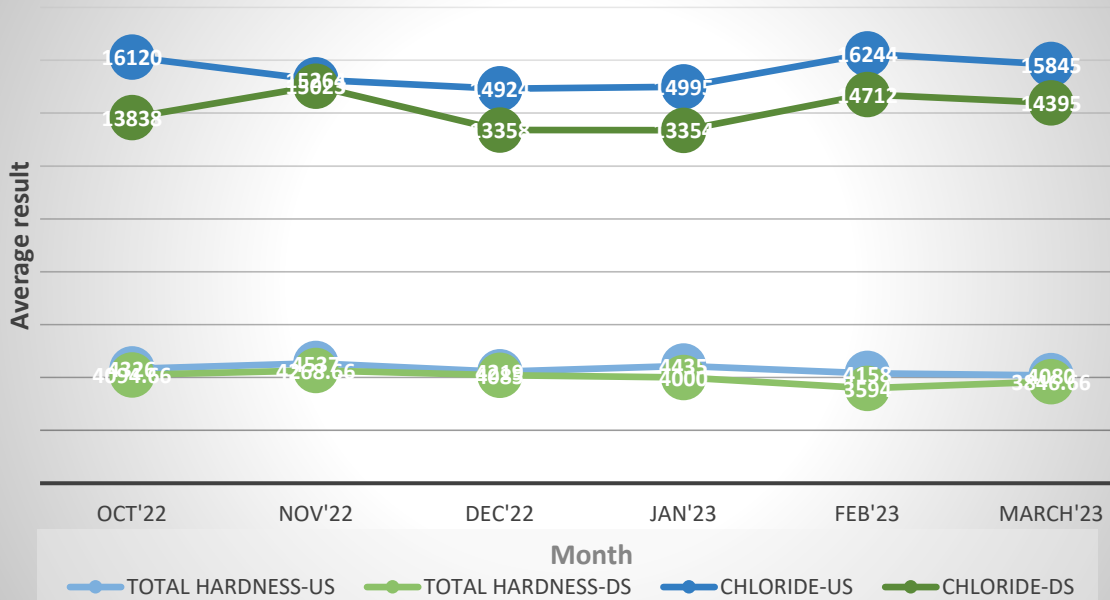
Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com



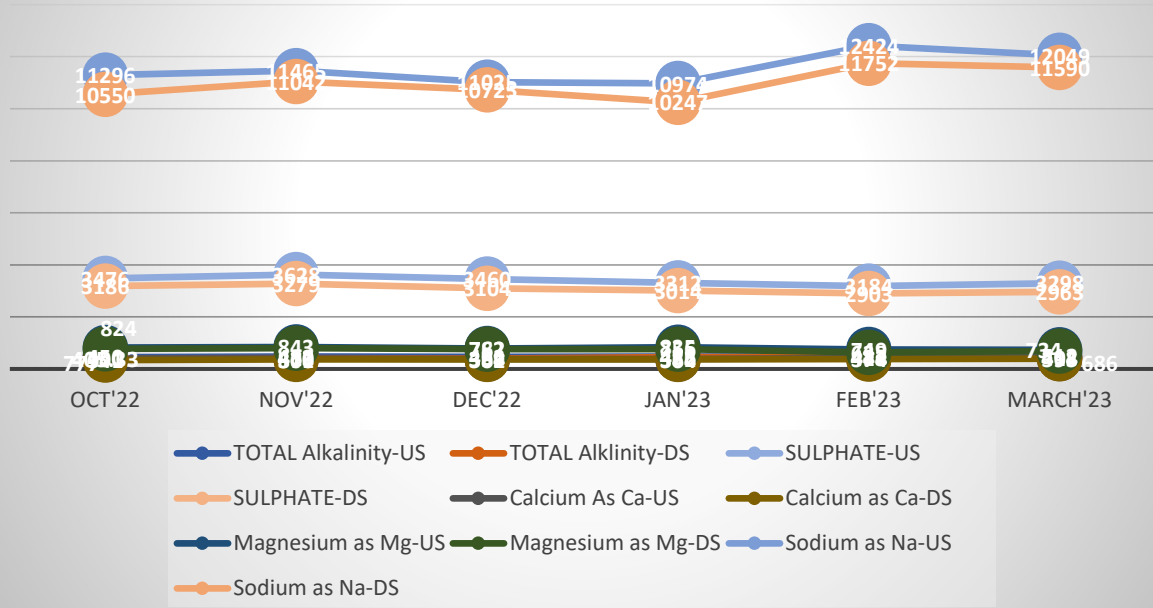
Trend analysis of TOC, COD, Potassium, BOD



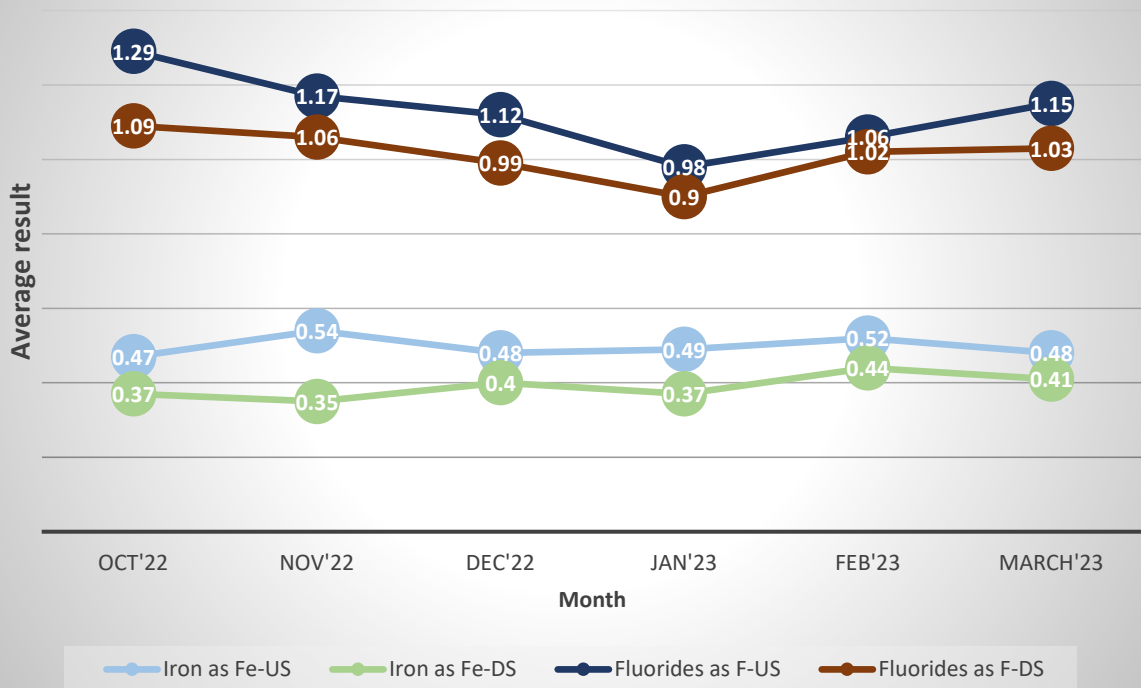
Trend analysis of Total Hardness, Chloride



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



Trend analysis of Iron, Fluorides





o/c

RG1475365591W IVR:8271147536559
 RL DAMEJ SO (392130)
 Counter No:2,12/04/2023,10:42
 To:THE MEMBER SEC.GPCB GANDHINAGR
 PIN:382010, Gandhinagar Gujarat HD
 From:BEIL INFRA LTD,DAMEJ

#t:90gms

Amt:45.00(Cash)

<Track on www.indiapost.gov.in>
 <Dial 18002666868> <Wear Masks, Stay Safe>



Ref.: BEIL/DHJ/2022-23/04

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

Sub: Compliance to observations and recommendations of Environmental Auditor for the Half year (April 2022 to September 2022)

Dear Sir,

We have submitted half yearly Environment Audit Report for April 2022 to September 2022 to H.O. GPCB Gandhinagar along with fees on 19.01.2023. The audit was carried out by Shroff S.R Rotary Institute of Chemical Technology, Vataria.

We would like to bring your kind attention that we are complying to various observations and recommendations of the auditor.

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

Post Received
 Gujarat Pollution Control Board
 BHARUCH

Post Received
 Gujarat Pollution Control Board
 BHARUCH

Compliance report of Observations and Recommendations of Half yearly Environment audit of BEIL Infrastructure limited carried out by Shroff S.R Rotary Institute of Chemical Technology, Vataria. for the period of April 2022 to September 2022

Sr. No	Auditors Recommendations	Compliance Status
1	Industry should provide paved area for take sampling of bore well locations.	Noted & Complied
2	It is recommended that the workers involved in handling of hazardous waste undergo a proper safety and material handling training time by time.	<p>Complied.</p> <p>➤ We try to ensure that all relevant employees are covered and maintain a record of personnel covered in each training.</p> <p>Please refer Annexure 1: A) Training attendance sheets 2022 (Apr'22-Sep'22)</p>
3	Industry should promote awareness regarding safety, environment and hygiene.	<p>Complied</p> <p>We are promoting awareness regarding safety, environment, and hygiene by providing training to employees.</p> <p>➤ A training calendar is prepared in advance to inform everyone regarding the training dates.</p> <p>Please refer Annexure 2: A) Training calendar for 2022-23.</p>

F/HRD/002

BEIL INFRASTRUCTURE LTD-DAHEJ**INTERNAL/EXTERNAL/INDUCTION TRAINING ATTENDANCE SHEET**

Date: 17/04/2022
 Time: 11:00 to 12:00
 Faculty: Mehul Patanvadiya / Kounul Patel
 Venue: Safety office
 Topic: on site emergency plant

Sr. No	Name of Participants	Department	Signature
01	Vaghaji Parnesh	New Control Room (H.K.)	[Signature]
02	Parnash Indraj	HAR Boilers Bal Dev	[Signature]
03	Rabari Arjun Bhai U.	New Boilers operator	A. Rabari
04	Umesh K. merelli	NEW Boilers operator	U.K. merelli
05	Manoj Gah	Shore manager	[Signature]
06	Ashokham K. K. Yetter	Shore manager	[Signature]
07	Ashish Gaidar	Shore manager	[Signature]
08	Jurid Y. Patel	Pro	Patel J. Y.

BEIL INFRASTRUCTURE LTD-DAHEJINTERNAL/EXTERNAL/INDUCTION TRAINING ATTENDANCE SHEET

Date:	18/04/2022
Time:	14:30 to 15:30
Faculty:	Mehul Patanvudiyu
Venue:	Shed no - 3
Topic:	Tool box talk

Sr. No	Name of Participants	Department	Signature
①	Rajy	Pujan	Rajy
2	Kamthi		Biom
3	Bhavesu		mital
4	Rasul		Rasul
5	Santos		સાંતોસ
6	Mizemjam		મીઝેમજામ
7	Pinti		પિંટી
8	Jitendra		જિતેન્દ્ર
9	Vamita		વમિતા
10	Mangal		મંગલ
⑪	Kaliban		કલિબાન
⑫	Rakhee JCB		રૂક્ષી
13	Pravi		પ્રવિ
14	Mami Ja		મમી જા
15	Divya		ડિવ્યા
16	Sarela		સારેલા
17			

Annexure 2

TRAINING CALENDAR FOR THE YEAR 2022

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	Emergency Preparedness	•			•			•			•		



BEIL INFRASTRUCTURE LTD.
ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY

TEST REPORT

Report No: DSM/04102022	Date: 04-10-2022	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	DG Stack
Sample Quantity	---	Date of Sampling	03-Oct-2022
Sampling Location	DG Room	Date of Receipt Sample	03-Oct-2022
Sample Collected by	Mihir Rana	Date of Start Analysis	03-Oct-2022
Sampling Procedure	---	Date of Completion Analysis	03-Oct-2022

Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm ³	55.96	IS:5182 (P-4) 1999
2	SULPHUR DIOXIDE	100	ppm	12.59	IS:5182 (P-2) 2001
3	NITROGEN OXIDE	50	ppm	20.02	IS:5182 (P-6) 2006

Remarks (if Any):

For BEIL Infrastructure Ltd.

Mihir
ANALYSED BY

[Signature]
VERIFIED BY

[Signature]
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/04102022	Date: 04-10-2022	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	03-Oct-2022
Sampling Location	BOILER PLANT	Date of Receipt Sample	03-Oct-2022
Sample Collected by	Mihir Rana	Date of Start Analysis	03-Oct-2022
Sampling Procedure	---	Date of Completion Analysis	03-Oct-2022

Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm ³	53.04	IS:5182 (P-4) 1999
2	SULPHUR DIOXIDE	100	ppm	18.96	IS:5182 (P-2) 2001
3	NITROGEN OXIDE	50	ppm	21.43	IS:5182 (P-6) 2006

Remarks (if Any):

For BEIL Infrastructure Ltd.

Mihir
ANALYSED BY

[Signature]
VERIFIED BY

[Signature]
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: DSM/16112022	Date: 16-11-2022	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	DG Stack
Sample Quantity	---	Date of Sampling	15-Nov-2022
Sampling Location	DG Room	Date of Receipt Sample	15-Nov-2022
Sample Collected by	Mihir Rana	Date of Start Analysis	15-Nov-2022
Sampling Procedure	---	Date of Completion Analysis	15-Nov-2022

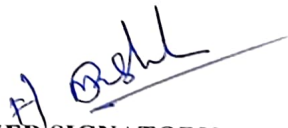
Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm ³	54.28	IS:5182 (P-4) 1999
2	SULPHUR DIOXIDE	100	ppm	11.46	IS:5182 (P-2) 2001
3	NITROGEN OXIDE	50	ppm	21.11	IS:5182 (P-6) 2006

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/16112022	Date: 16-11-2022	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	15-Nov-2022
Sampling Location	BOILER PLANT	Date of Receipt Sample	15-Nov-2022
Sample Collected by	Mihir Rana	Date of Start Analysis	15-Nov-2022
Sampling Procedure	---	Date of Completion Analysis	15-Nov-2022

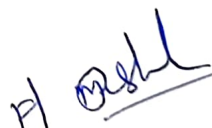
Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm3	52.12	IS:5182 (P-4) 1999
2	SULPHUR DIOXIDE	100	ppm	18.08	IS:5182 (P-2) 2001
3	NITROGEN OXIDE	50	ppm	22.73	IS:5182 (P-6) 2006

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: DSM/13122022	Date: 13-12-2022	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	DG Stack
Sample Quantity	---	Date of Sampling	12-Dec-2022
Sampling Location	DG Room	Date of Receipt Sample	12-Dec-2022
Sample Collected by	Mihir Rana	Date of Start Analysis	12-Dec-2022
Sampling Procedure	---	Date of Completion Analysis	12-Dec-2022

Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm ³	52.24	IS:5182 (P-4) 1999
2	SULPHUR DIOXIDE	100	ppm	11.97	IS:5182 (P-2) 2001
3	NITROGEN OXIDE	50	ppm	20.53	IS:5182 (P-6) 2006

Remarks (if Any):

For BEIL Infrastructure Ltd.

Mihir
ANALYSED BY

Beil
VERIFIED BY

Beil
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/13122022	Date: 13-12-2022	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	12-Dec-2022
Sampling Location	BOILER PLANT	Date of Receipt Sample	12-Dec-2022
Sample Collected by	Mihir Rana	Date of Start Analysis	12-Dec-2022
Sampling Procedure	---	Date of Completion Analysis	12-Dec-2022

Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm ³	53.49	IS:5182 (P-4) 1999
2	SULPHUR DIOXIDE	100	ppm	17.21	IS:5182 (P-2) 2001
3	NITROGEN OXIDE	50	ppm	22.89	IS:5182 (P-6) 2006

Remarks (if Any):

For BEIL Infrastructure Ltd.

Mihir
ANALYSED BY

Mihir
VERIFIED BY

Sathish Kumar
AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM

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

E-mail-mistrvrg@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: DSM/17012023	Date: 17-01-2023	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	DG Stack
Sample Quantity	---	Date of Sampling	16-Jan-2023
Sampling Location	DG Room	Date of Receipt Sample	16-Jan-2023
Sample Collected by	Mihir Rana	Date of Start Analysis	16-Jan-2023
Sampling Procedure	---	Date of Completion Analysis	16-Jan-2023


Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm ³	53.34	IS:5182 (P-4) 1999
2	SULPHUR DIOXIDE	100	ppm	11.19	IS:5182 (P-2) 2001
3	NITROGEN OXIDE	50	ppm	21.48	IS:5182 (P-6) 2006

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/06012023	Date: 06-01-2023	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	05-Jan-2023
Sampling Location	BOILER PLANT	Date of Receipt Sample	05-Jan-2023
Sample Collected by	Mihir Rana	Date of Start Analysis	05-Jan-2023
Sampling Procedure	---	Date of Completion Analysis	05-Jan-2023


Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm ³	52.15	IS:5182 (P-4) 1999
2	SULPHUR DIOXIDE	100	ppm	16.73	IS:5182 (P-2) 2001
3	NITROGEN OXIDE	50	ppm	23.02	IS:5182 (P-6) 2006

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/09022023	Date: 09-02-2023	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	08-Feb-2023
Sampling Location	BOILER PLANT	Date of Receipt Sample	08-Feb-2023
Sample Collected by	Mihir Rana	Date of Start Analysis	08-Feb-2023
Sampling Procedure	---	Date of Completion Analysis	08-Feb-2023


Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm ³	51.43	IS:5182 (P-4) 1999
2	SULPHUR DIOXIDE	100	ppm	16.21	IS:5182 (P-2) 2001
3	NITROGEN OXIDE	50	ppm	23.75	IS:5182 (P-6) 2006

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: DSM/09022023	Date: 09-02-2023	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	DG Stack
Sample Quantity	---	Date of Sampling	08-Feb-2023
Sampling Location	DG Room	Date of Receipt Sample	08-Feb-2023
Sample Collected by	Mihir Rana	Date of Start Analysis	08-Feb-2023
Sampling Procedure	---	Date of Completion Analysis	08-Feb-2023

Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm ³	54.43	IS:5182 (P-4) 1999
2	SULPHUR DIOXIDE	100	ppm	11.89	IS:5182 (P-2) 2001
3	NITROGEN OXIDE	50	ppm	22.02	IS:5182 (P-6) 2006

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/15032023	Date: 15-03-2023	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	14-Mar-2023
Sampling Location	BOILER PLANT	Date of Receipt Sample	14-Mar-2023
Sample Collected by	Mihir Rana	Date of Start Analysis	14-Mar-2023
Sampling Procedure	---	Date of Completion Analysis	14-Mar-2023


Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm ³	52.05	IS:5182 (P-4) 1999
2	SULPHUR DIOXIDE	100	ppm	15.48	IS:5182 (P-2) 2001
3	NITROGEN OXIDE	50	ppm	24.03	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: DSM/17032023	Date: 17-03-2023	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	DG Stack
Sample Quantity	---	Date of Sampling	16-Mar-2023
Sampling Location	DG Room	Date of Receipt Sample	16-Mar-2023
Sample Collected by	Mihir Rana	Date of Start Analysis	16-Mar-2023
Sampling Procedure	---	Date of Completion Analysis	16-Mar-2023


Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm ³	54.89	IS:5182 (P-4) 1999
2	SULPHUR DIOXIDE	100	ppm	11.05	IS:5182 (P-2) 2001
3	NITROGEN OXIDE	50	ppm	22.65	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

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 0123
	Issue Date :	24/10/2022
	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	: 14/10/2022	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BLD/2210/07 [A-L]
Sample Receipt Date	: 15/10/2022	Date of Completion of Test	: 21/10/2022
Date of Starting of Test	: 15/10/2022		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	71.6	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	31.2	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	14.8	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	22.2	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	25.1	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO ^S	mg/m ³	0.84	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	9.4	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.

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, 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.

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

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

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

TEST CERTIFICATE

QF/7.8/38-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 0124 Issue Date : 24/10/2022 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	: 14/10/2022	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BLD/2210/08 [A-L]
Sample Receipt Date	: 15/10/2022	Date of Completion of Test	: 21/10/2022
Date of Starting of Test	: 15/10/2022		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	65.9	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	13.6	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	21.7	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	18.3	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO ^S	mg/m ³	0.68	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.

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, Ozone (O₃)^S: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.

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

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

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

TEST CERTIFICATE

QF/7.8/38-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 0125 Issue Date : 24/10/2022 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	: 14/10/2022	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BLD/2210/09 [A-L]
Sample Receipt Date	: 15/10/2022	Date of Completion of Test	: 21/10/2022
Date of Starting of Test	: 15/10/2022		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	58.8	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	29.6	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	10.4	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	21.2	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	28.4	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	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.

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, Ozone (O₃)^S: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.

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

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

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

TEST CERTIFICATE

QF/7.8/38-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 0135 Issue Date : 23/11/2022 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	: 12/11/2022	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BLD/2211/14 [A-L]
Sample Receipt Date	: 14/11/2022	Date of Completion of Test	: 19/11/2022
Date of Starting of Test	: 14/11/2022		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	74.2	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	16.3	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	23.8	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	22.2	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO ^S	mg/m ³	0.94	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	11.2	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.

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, Ozone (O₃)^S: 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.

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

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

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

**TEST CERTIFICATE**

QF/7.8/38-AQ

Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD 0136 Issue Date : 23/11/2022 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 : 12/11/2022	Protocol (purpose) : Ambient Air Quality Monitoring
Sampling by : Pollucon Laboratories Pvt. Ltd.	Lab ID : BLD/2211/15 [A-L]
Sample Receipt Date : 14/11/2022	Date of Completion of Test : 19/11/2022
Date of Starting of Test : 14/11/2022	

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	68.8	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	12.4	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	19.3	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	20.8	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	9.26	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.

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, Ozone (O₃)^S: 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.

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

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

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

TEST CERTIFICATE

QF/7.8/38-AQ

Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD 0137 Issue Date : 23/11/2022 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	: 12/11/2022	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BLD/2211/16 [A-L]
Sample Receipt Date	: 14/11/2022	Date of Completion of Test	: 19/11/2022
Date of Starting of Test	: 14/11/2022		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	56.6	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	28.6	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	9.3	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	15.6	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	15.8	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO ^S	mg/m ³	0.80	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	5.62	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,Ozone (O₃)^S :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.

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

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

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

**TEST CERTIFICATE**

QF/7.8/38-AQ

Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD 0150
	Issue Date :	31/12/2022
	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	: 21/12/2022	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BLD/2212/08 [A-L]
Sample Receipt Date	: 22/12/2022	Date of Completion of Test	: 28/12/2022
Date of Starting of Test	: 22/12/2022		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	68.2	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	34.9	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	13.2	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	21.3	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	20.2	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO ^S	mg/m ³	0.92	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	11.2	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)^S :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.

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

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

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

TEST CERTIFICATE

QF/7.8/38-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 0151 Issue Date : 31/12/2022 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	: 21/12/2022	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BLD/2212/09 [A-L]
Sample Receipt Date	: 22/12/2022	Date of Completion of Test	: 28/12/2022
Date of Starting of Test	: 22/12/2022		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	70.6	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	32.6	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	14.3	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	19.2	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	17.2	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO ^S	mg/m ³	0.78	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	10.18	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)^S: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.

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

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

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

**TEST CERTIFICATE**

QF/7.8/38-AQ

Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD 0152
	Issue Date :	31/12/2022
	Customer's Ref. :	W.O. No. 8522230080 Dated:29.04.2022

Location of Sampling :	Nr. EB-2 Borewell		
Date of Sampling :	21/12/2022	Sampling Procedure :	As per table
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) :	Ambient Air Quality Monitoring
Sample Receipt Date :	22/12/2022	Lab ID :	BLD/2212/10 [A-L]
Date of Starting of Test :	22/12/2022	Date of Completion of Test :	28/12/2022

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	62.3	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	27.1	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	9.3	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	7.4	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	16.2	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO ^S	mg/m ³	0.84	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	6.8	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)

*: 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)^S: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.

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

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

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

**TEST CERTIFICATE**

QF/7.8/38-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/23/0001
	Issue Date :	31/01/2023
	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 :	21/01/2023	Protocol (purpose) :	Ambient Air Quality Monitoring
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Lab ID :	BLD/2301/01 [A-L]
Sample Receipt Date :	23/01/2023	Date of Completion of Test :	28/01/2023
Date of Starting of Test :	23/01/2023		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	67.4	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	32.8	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	13.1	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	21.4	80	IS 5182 (Part 6)
5	Ozone (O ₃) [§]	µg/m ³	20.8	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO [§]	mg/m ³	1.12	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	9.24	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.

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

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

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

TEST CERTIFICATE

QF/7.8/38-AQ

Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0002 Issue Date : 31/01/2023 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	: 21/01/2023	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BLD/2301/02 [A-L]
Sample Receipt Date	: 23/01/2023	Date of Completion of Test	: 28/01/2023
Date of Starting of Test	: 23/01/2023		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	71.8	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	11.8	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	24.7	80	IS 5182 (Part 6)
5	Ozone (O ₃) [§]	µg/m ³	20.2	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	11.32	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.

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

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

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

**TEST CERTIFICATE**

QF/7.8/38-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/23/0003
	Issue Date :	31/01/2023
	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 :	21/01/2023	Protocol (purpose) :	Ambient Air Quality Monitoring
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Lab ID :	BLD/2301/03 [A-L]
Sample Receipt Date :	23/01/2023	Date of Completion of Test :	28/01/2023
Date of Starting of Test :	23/01/2023		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	54.6	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	29.4	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	9.2	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	15.2	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	0.88	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	7.24	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)**

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

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

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

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

TEST CERTIFICATE

QF/7.8/38-AQ

Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0015 Issue Date : 28/02/2023 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	: 18/02/2023	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BLD/2302/01 [A-L]
Sample Receipt Date	: 20/02/2023	Date of Completion of Test	: 25/02/2023
Date of Starting of Test	: 20/02/2023		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	78.2	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	33.2	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	15.2	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	24.6	80	IS 5182 (Part 6)
5	Ozone (O ₃) [§]	µg/m ³	21.4	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	13.6	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.

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

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

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

**TEST CERTIFICATE**

QF/7.8/38-AQ

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/23/0016
	Issue Date :	28/02/2023
	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 :	18/02/2023	Protocol (purpose) :	Ambient Air Quality Monitoring
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Lab ID :	BLD/2302/02 [A-L]
Sample Receipt Date :	20/02/2023	Date of Completion of Test :	25/02/2023
Date of Starting of Test :	20/02/2023		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	74.4	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	13.6	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	26.2	80	IS 5182 (Part 6)
5	Ozone (O ₃) [§]	µg/m ³	21.7	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO [§]	mg/m ³	1.02	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, 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.

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

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

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

TEST CERTIFICATE

QF/7.8/38-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/23/0017 Issue Date : 28/02/2023 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	: 18/02/2023	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BLD/2302/03 [A-L]
Sample Receipt Date	: 20/02/2023	Date of Completion of Test	: 25/02/2023
Date of Starting of Test	: 20/02/2023		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	58.2	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	29.8	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	11.8	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	18.7	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	15.9	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO ^S	mg/m ³	0.96	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	6.82	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,Ozone (O₃)^S :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.

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

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

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

TEST CERTIFICATE

QF/7.8/38-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/23/0029 Issue Date : 04/04/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	--

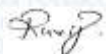
Location of Sampling	: Nr. Main Gate	Sampling Procedure	: As per table
Date of Sampling	: 28/03/2023	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BLD/2303/01 [A-L]
Sample Receipt Date	: 29/03/2023	Date of Completion of Test	: 03/04/2023
Date of Starting of Test	: 29/03/2023		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	70.2	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	33.4	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	12.1	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	20.3	80	IS 5182 (Part 6)
5	Ozone (O ₃) [§]	µg/m ³	17.2	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	9.4	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.

- 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 INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. :	PL/BLD/23/0030
	Issue Date :	04/04/2023
	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 :	28/03/2023	Protocol (purpose) :	Ambient Air Quality Monitoring
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Lab ID :	BLD/2303/02 [A-L]
Sample Receipt Date :	29/03/2023	Date of Completion of Test :	03/04/2023
Date of Starting of Test :	29/03/2023		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT[@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	68.6	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	32.2	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	10.1	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	18.9	80	IS 5182 (Part 6)
5	Ozone (O ₃) [§]	µg/m ³	15.2	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO [§]	mg/m ³	0.94	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	16.2	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.

- 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

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/23/0031
	Issue Date :	04/04/2023
	Customer's Ref. :	W.O. No. 8522230080 Dated:29.04.2022

Location of Sampling :	Nr. EB-2 Borewell		
Date of Sampling :	28/03/2023	Sampling Procedure :	As per table
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) :	Ambient Air Quality Monitoring
Sample Receipt Date :	29/03/2023	Lab ID :	BLD/2303/03 [A-L]
Date of Starting of Test :	29/03/2023	Date of Completion of Test :	03/04/2023

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT[@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	57.8	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	30.8	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	9.2	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	16.8	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	14.6	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO ^S	mg/m ³	0.84	04	IS 5182 (Part 10)
7	Ammonia as NH ₃	µg/m ³	5.8	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)

*: 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)^S: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

● 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



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

BEIL/DHJ/2023-24/24

Date: 27.06.2023

PCB ID # 40137

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 (TSDF)

Ref.: Yours Letter no. GPCB/HAZ-GEN-294(9)/741885 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 are also enclosing the onsite emergency management plan and Annual return Form 4 under Hazardous and Other Waste 2016. We have also uploaded Form 4 on XGN.

We hope the compliance adequately meets your guideline for monsoon management. We have also attached photograph of covered landfill site.

Thanking you,

Yours faithfully,

For BEIL Infrastructure Limited

Authorized Signatory

C.C: Regional Officer,
Gujarat Pollution Control Board
Bharuch

Blw's
Post Received
Gujarat Pollution Control Board
BHARUCH
28/6/23

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

May 20, 2023

To,

Dy. Director of Industrial Safety and Health,
2nd Floor, Multi-storied Building,
Bharuch.

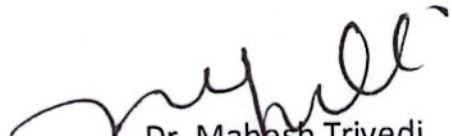
Subject: Submission of On-Site Emergency Plan for the year 2023-24.

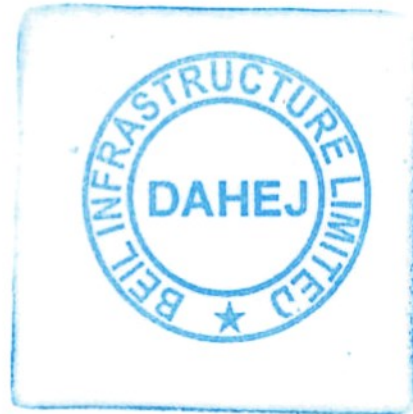
Respected Sir,


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
આવન નિયામક ઓફીસ
સલામતિ અને સ્વાસ્થ્ય
ભરુચ



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

INDEX

CHAPTER	CONTENTS	Page No.
I	PRELIMINARY	06
	1 Introduction of this plan	08
	2 Identification of the factory	09
	3 Map of the area	09
	4 Definitions	09
	5 Objectives of the emergency plan	11
II	RISK & ENVIORNMENTAL IMPACT ASSESSMENT	14
	1 Factory lay out	14
	2 Storage hazards & controls	14
	3 Process & vessel hazards & controls	14
	4 Other hazards &controls	97
	5 Trade-waste disposal	97
	6 Records & past incidents	97
	7 Risk Assessment	97
	8 Environmental Impact Assessment	131
III	EMERGENCY ORGANISATION	131
	1 Incident Controller	131
	2 Site Main Controller	132
	3 Other Key Personnel	134
	4 Essential Workers	134
	5 Assembly Points	135
	6 Emergency Control Centre	136
	7 Fire and Toxicity Control Arrangement	137
	8 Medical Arrangement	141
	9 Transport and Evacuation Arrangement	142

	10	Pollution Control Arrangement	142
	11	Other Arrangement	142
IV	COMMUNICATION SYSEM		143
	1	Raising the Alarm	143
	2	Declaring the Major Emergency	143
	3	Telephone Messages	144
	4	Communication of Emergency	144
		(1)Inside the factory to the workers	144
		(2)To key personnel outside normal working hours	144
		(3)To the outside emergency services & authorities	144
		(4)To neighboring firms & the general public	144
V	ACTION ON SITE		145
	1	Co-related Activities	145
		(a)Pre-emergency Activities	145
		(b)Emergency time Activities	146
		(c)Post-emergency Activities	146
	2	Controlling Emergency	146
		(A)Flammable Releases	147
		(B)Toxic Releases	148
CHAPTER	CONTENTS		Page No.
	3	Evacuation and Transportation	152
	4	Safe close down	152
	5	Use of Mutual Aid	152
	6	Use of External Authorities	152
	7	Medical Treatment	152
	8	Accounting for personnel	152
	9	Access to records	152
	10	Public relations	152
	11	Rehabilitation	153
VI	OFF-SITE EMERGENCY PLAN		157
	1	Need of the off-site Emergency Plan	157

	2	Structure of the off-site Emergency Plan	157
	3	Role of the factory management	157
	4	Role of the Emergency Coordinating Officer (ECO)	157
	5	Role of the Local Authority	157
	6	Role of the Fire Authorities	158
	7	Role of the Police and Evacuation Authorities	158
	8	Role of the Health Authorities	158
	9	Role of the 'Mutual Aid' Agencies	158
	10	Role of the Factory Inspectorate	158
VII		TRAINING, REHEARSAL AND RECORDS	159
	1	Need of training and Rehearsal	159
	2	Some Check Point	159
	3	Records and Updating the Plan	159
	4	Emergency Introduction Booklets	159

ANNEXURE SECTION

ANNEXURE NO.	CONTENT	Page No.
1.	IDENTIFICATION OF FACTORY	07
2.	MAP OF THE AREA	09
3.	FACTORY LAY OUT	162
4.	STORAGE HAZARDS AND CONTROLS	163
5.	MATERIAL SAFETY DATA SHEET	167
6.	PROCESS & VESSEL HAZARDS & CONTROLS	239
7.	OTHER HAZARDS AND CONTROLS	242
8.	TRADE-WASTE DISPOSALS	245
9.	RECORDS OF PAST INCIDENTS	247
10.	GAS DISPERSION CONCENTRATION	248
11.	EVACUATION TABLE	249
12.	ENVIRONMENTAL IMPACT ASSESSMENT	250
13.	WEATHER CONDITIONS	251

14.	INCIDENT CONTROLLERS	252
15.	DEPUTY INCIDENT CONTROLLERS	253
16.	SITE MAIN CONTROLLERS	254
17.	KEY PERSONNEL	255
18.	ESSENTIAL WORKERS	256
19.	ASSEMBLY POINTS	257
20.	EMERGENCY CONTROL CENTRE	258
21.	FIRE AND TOXICITY CONTROL ARRANGEMENTS	259
22.	MEDICAL ARRANGEMENTS	261
23.	TRANSPORT & EVACUATION ARRANGEMENTS	263
24.	POLLUTION CONTROL ARRANGEMENTS	264
25.	OTHER ARRANGEMENTS	266
26.	ALARMS & SIRENS	267
27.	INTERNAL PHONES	268
28.	EXTERNAL PHONES	269
29.	NOMINATED PERSONS TO DECLARED MAJOR EMERGENCY	272
30.	A FORM TO RECORD EMERGENCY TELEPHONE CALLS	273
31.	STATUTORY COMMUNICATION	275
32.	SEPERATION DISTANCES	276
33.	EMERGENCY INSTRUCTION BOOKLET	277

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
વલ્લભ



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

CONTENTS


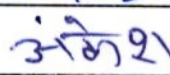


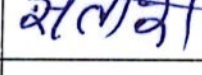
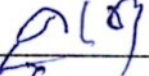

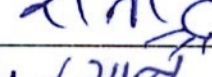
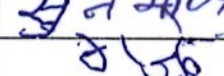
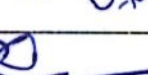


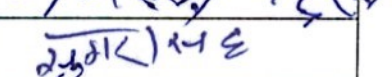

CHAPTER NO.	DESCRIPTION	PAGE NO.
01	ORGANIZATION INFORMATION	06
02	SITE DEMOGRAPHY	07
	2.1 DETAILS OF COMPANY	07
	2.2 SITE PLAN	08
03	INFORMATION ON THE PRELIMINARY HAZARD ANALYSIS	09
	3.1 TYPES OF ACCIDENT	15
	3.2 SYSTEM ELEMENTS OR EVENT THAT CAN LEAD A MAJOR ACCIDENT	15
	3.3 MAJOR HAZARDS IN STORAGE AREAS	15
	3.4 SAFETY RELEVANT COMPONENTS	16
	3.5 OTHER HAZARDS AND CONTROLS	16
04	DESCRIPTION OF HAZARDOUS CHEMICALS AT PLANT SITE	16
	4.1 STORAGE HAZARDS: (QUANTITIES AND TOXICOLOGICAL DATA)	16
	4.2 PROCESS HAZARD	17
05	MAXIMUM CREDIBLE ACCIDENT SCENARIO & CONSEQUENCES ANALYSIS	18
	5.1 INTRODUCTION	18
	5.2 MAXIMUM CREDIBLE ACCIDENT (MCA)	18
06	EMERGENCY MANAGEMENT PROCEDURES AND SYSTEM	21
	6.1 WARNING ALARM AND SAFETY AND SECURITY SYSTEM	21
07	ROLES AND RESPONSIBILITY OF KEY PERSONNEL	24
	7.1 ROLES AND RESPONSIBILITY OF EMERGENCY RESPONSE PERSONNEL	30
	7.2 INCIDENT CONTROLLERS	38
	7.3 DEPUTY INCIDENT CONTROLLERS	38
	7.4 SITE MAIN CONTROLLERS	39
	7.5 KEY PERSONS	39
	7.6 ESSENTIAL PERSONS	40
	7.7 EMERGENCY CONTROL CENTRE	41
08	FIRE FIGHTING AND OTHER ARRANGEMENTS FOR OFF-SITE EMERGENCY	44
	8.1 AVAILABILITY OF FIRE FIGHTING FACILITIES	44
	8.2 AVAILABILITY OF FIRE EXTINGUISHERS	45
09	MEDICAL ARRANGEMENTS FOR ON-SITE PLAN	46
10	EMERGENCY DUE TO NATURAL CALAMITIES	47
	10.1 TYPES OF NATURAL CALAMITIES & ITS ACTION PLAN	47
11	MUTUAL AID ARRANGEMENTS	50
	11.1 TYPES OF ACCIDENT	50
	11.2 RESPONSIBILITY ASSIGNED	50
	11.3 MUTUAL AID	50
12	COMMUNICATION ARRANGEMENTS DURING EMERGENCY AND FOR OFF-SITE EMERGENCY	56
	12.1 RAISING THE ALARM	56
	12.2 DECLARING THE MAJOR EMERGENCY	56
	12.3 TELEPHONE MESSAGES	56
	12.4 RUNNER	57

	12.5 COMMUNICATION OF EMERGENCY	57
CHAPTER NO.	DESCRIPTION	PAGE NO.
	12.6 IMPORTANT INTERNAL TELEPHONE NUMBERS	59
	12.7 IMPORTANT EXTERNAL TELEPHONES NUMBERS	60
13	INTEGRATION OF SITE ON-SITE EMERGENCY PLAN WITH DISTRICT OFF-SITE PLAN	63
	13.1 PURPOSE OF THE OFF SITE EMERGENCY PLAN	63
	13.2 A SCHEMATIC DIAGRAM SHOWING ACTION FROM INCIDENT PLACE TO STATE LEVEL GROUP IS SHOWN BELOW	65
	13.3 ROLES AND RESPONSIBILITIES OF STAKEHOLDERS INCLUDING EXTERNAL AGENCIES	66

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	Sagar	
7	Sapshi	Landfill	
8	Setheon Sulpense	Landfill	
9	Sulmon	Landfill	
10	Gagandeep	Landfill	
11	Ramesh	Landfill	
12	NASIR HUSEN	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 INFRASTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD 0134 Issue Date : 24/10/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
--	---

NOISE LEVEL MONITORING REPORT

Sampling Date	: 14/10/2022
Test Method	: IS 9876 / IS 9989
Sampling Location	: As per table
Sampling By	: Pollucon Laboratories Pvt. Ltd.
Protocol (purpose)	: Environmental Monitoring

RESULT TABLE

SR. NO.	SAMPLING LOCATION	OBSERVATIONS	
		DAY Time dB(A)	NIGHT Time dB(A)
1	Near Main Gate	64.2	55.2
2	Behind Admin Building	59.4	53.4
3	Near EB-1 Bore well	59.2	51.8
4	Behind Landfill Cell No-04	50.4	42.6
5	Near Drum shed Area	69.2	62.4
6	Opposite Khetan Industries	58.9	50.1
7	Near stabilization Plant	61.8	54.2
8	Near DG Set	66.8	61.2
9	Near Monsoon Shed (New)	65.9	54.2
GPCB CONSENT LIMIT#		75 dB (A)	70 dB (A)

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

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



Ravi Jariwala
Sr. Environmental Scientist



Dr. Arun Bajpai
Lab Manager (Q)

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

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

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

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

TEST CERTIFICATE FOR 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 0138 Issue Date : 23/11/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---

NOISE LEVEL MONITORING REPORT

Sampling Date	: 12/11/2022
Test Method	: IS 9876 / IS 9989
Sampling Location	: As per table
Sampling By	: Pollucon Laboratories Pvt. Ltd.
Protocol (purpose)	: Environmental Monitoring

RESULT TABLE

SR. NO.	SAMPLING LOCATION	OBSERVATIONS	
		DAY Time dB(A)	NIGHT Time dB(A)
1	Near Main Gate	62.2	53.9
2	Behind Admin Building	61.3	52.4
3	Near EB-1 Bore well	60.9	53.6
4	Behind Landfill Cell No-04	59.8	54.6
5	Near Drum shed Area	70.2	63.6
6	Opposite Khetan Industries	61.5	52.4
7	Near stabilization Plant	63.7	55.6
8	Near DG Set	68.5	60.5
9	Near Monsoon Shed (New)	66.6	56.2
GPCB CONSENT LIMIT#		75 dB (A)	70 dB (A)

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

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



Ravi Jariwala
Sr. Environmental Scientist



Dr. Arun Bajpai
Lab Manager (Q)

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

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

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

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

TEST CERTIFICATE FOR AMBIENT NOISE LEVEL 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 0153 Issue Date : 31/12/2022 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	---

NOISE LEVEL MONITORING REPORT

Sampling Date	: 21/12/2022
Test Method	: IS 9876 / IS 9989
Sampling Location	: As per table
Sampling By	: Pollucon Laboratories Pvt. Ltd.
Protocol (purpose)	: Environmental Monitoring

RESULT TABLE

SR. NO.	SAMPLING LOCATION	OBSERVATIONS	
		DAY Time dB(A)	NIGHT Time dB(A)
1	Near Main Gate	64.8	56.2
2	Behind Admin Building	61.9	53.8
3	Near EB-1 Bore well	60.1	52.5
4	Behind Landfill Cell No-04	57.3	51.9
5	Near Drum shed Area	68.9	62.4
6	Opposite Khetan Industries	62.8	52.2
7	Near stabilization Plant	64.9	54.1
8	Near DG Set	67.2	56.8
9	Near Monsoon Shed (New)	67.3	55.5
GPCB CONSENT LIMIT#		75 dB (A)	70 dB (A)

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

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

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



Ravi Jariwala
Sr. Environmental Scientist



Dr. Arun Bajpai
Lab Manager (Q)

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

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

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

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 INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0014 Issue Date : 31/01/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	--

NOISE LEVEL MONITORING REPORT

Sampling Date	: 21/01/2023
Test Method	: IS 9876 / IS 9989
Sampling Location	: As per table
Sampling By	: Pollucon Laboratories Pvt. Ltd.
Protocol (purpose)	: Environmental Monitoring

RESULT TABLE

SR. NO.	SAMPLING LOCATION	OBSERVATIONS	
		DAY Time dB(A)	NIGHT Time dB(A)
1	Near Main Gate	62.8	55.1
2	Behind Admin Building	59.8	53.4
3	Near EB-1 Bore well	61.3	51.1
4	Behind Landfill Cell No-04	56.9	50.8
5	Near Drum shed Area	69.8	60.8
6	Opposite Khetan Industries	64.4	54.9
7	Near stabilization Plant	65.5	52.1
8	Near DG Set	68.1	58.6
9	Near Monsoon Shed (New)	63.2	54.9
GPCB CONSENT LIMIT#		75 dB (A)	70 dB (A)

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

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



Ravi Jariwala
Sr. Environmental Scientist



Dr. Arun Bajpai
Lab Manager (Q)

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

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

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

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 INFRATSTRUCTURE LTD, PLOT NO.D-43, GIDC, DAHEJ, DAHEJ-392130, TAL :- VAGRA, DISIT: BHARUCH	Test Report No. : PL/BLD/23/0020 Issue Date : 28/02/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	--

NOISE LEVEL MONITORING REPORT

Sampling Date	: 18/02/2023
Test Method	: IS 9876 / IS 9989
Sampling Location	: As per table
Sampling By	: Pollucon Laboratories Pvt. Ltd.
Protocol (purpose)	: Environmental Monitoring

RESULT TABLE

SR. NO.	SAMPLING LOCATION	OBSERVATIONS	
		DAY Time dB(A)	NIGHT Time dB(A)
1	Near Main Gate	64.1	57.9
2	Behind Admin Building	62.1	51.8
3	Near EB-1 Bore well	66.9	55.2
4	Behind Landfill Cell No-04	58.1	52.5
5	Near Drum shed Area	67.2	61.4
6	Opposite Khetan Industries	65.9	56.8
7	Near stabilization Plant	63.3	53.5
8	Near DG Set	67.8	60.9
9	Near Monsoon Shed (New)	64.8	52.2
GPCB CONSENT LIMIT#		75 dB (A)	70 dB (A)

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

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



Ravi Jariwala
Sr. Environmental Scientist



Dr. Arun Bajpai
Lab Manager (Q)

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

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

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

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

TEST CERTIFICATE FOR 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/23/0033 Issue Date : 04/04/2023 Customer's Ref. : W.O. No. 8522230080 Dated:29.04.2022
---	--

NOISE LEVEL MONITORING REPORT

Sampling Date	: 28/03/2023
Test Method	: IS 9876 / IS 9989
Sampling Location	: As per table
Sampling By	: Pollucon Laboratories Pvt. Ltd.
Protocol (purpose)	: Environmental Monitoring

RESULT TABLE

SR. NO.	SAMPLING LOCATION	OBSERVATIONS	
		DAY Time dB(A)	NIGHT Time dB(A)
1	Near Main Gate	66.4	55.6
2	Behind Admin Building	64.3	51.4
3	Near EB-1 Bore well	63.1	54.7
4	Behind Landfill Cell No-04	56.9	51.8
5	Near Drum shed Area	69.3	61.4
6	Opposite Khetan Industries	62.4	55.5
7	Near stabilization Plant	64.8	53.8
8	Near DG Set	66.6	58.6
9	Near Monsoon Shed (New)	63.7	50.2
GPCB CONSENT LIMIT#		75 dB (A)	70 dB (A)

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

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



Ravi Jariwala
Sr. Environmental Scientist



Dr. Arun Bajpai
Lab Manager(Q)

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

- 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

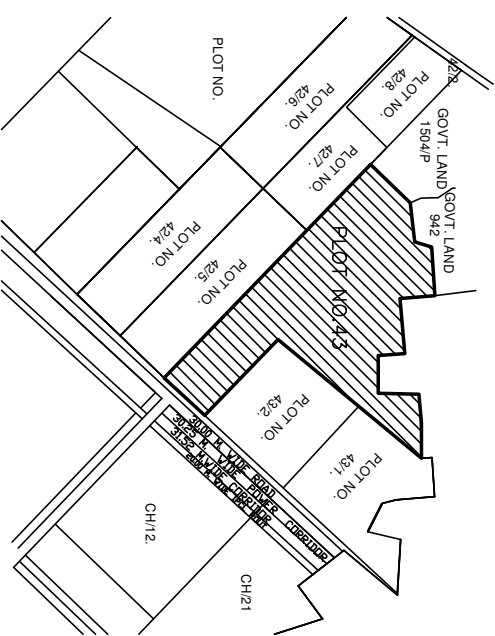
"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

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



SITE PLAN
SCALE:-1:10MT.

KEY PLAN
SCALE:-1:CM=40MT.



NOTE: PREVIOUSLY PLAN APPROVED BY DJRIS & H/F SURAT REGION WIDE LETTER NO. **1637** DATE: 01/04/2016



STAMP OF APPROVAL 1/3

BLDG. NAME

1. SECURITY CABIN
2. ADM BUILDING & LAB
3. MCC/PC & DG ROOM
4. WEIGH BRIDGE
5. FRESH WATER TANK
6. STORAGE SHED
7. DIAPPER TYER WASHING
8. U/G WATER TANK
9. EFFLUENT TANK
10. TANKER DE-CONTAMINATION SHED
11. DRUM DE-CONTAMINATION & DRUM STACKING PLATFORM & ETP TANK & TANK FARM
12. FIRE WATER TANK
- 12/A FIRE WATER TANK
13. H.E. ROOM + D.G. SET
14. CONDENSATE WATER TANK
15. AQUIOUS WASTE STORAGE TANK
16. CENTRIFUGE SHED
17. MEE PLANT
18. COOLING TOWER
19. BOILER SHED & F.O. TANK
20. CANTENEN
21. ELE. ROOM
22. ELE. ROOM
23. SPRAY DRYING PLANT
24. DMT TANK
25. TOILET BLOCK
26. ELE.-CONTROL ROOM
27. STRIPPER PLANT

COLOUR CODE

1. PLOT BOUNDARY IS SHOWN
2. EXTENSION AREA IS SHOWN
3. APPROVED AREA IS SHOWN
4. FIRE HYDRANT LINE IS SHOWN

EXTENSION PLAN SHOWING FACTORY BLDG. WITH M/C LAY OUT
BHARUCH ENVIRO INFRASTRUCTURE LTD.
PLOT NO : 43
G.I.D.C., DAHEJ
TAL.: VAGRA
DIST : BHARUCH.
SIGN OF OWNER

TITLE :	SITE PLAN & KEY PLAN		
SCALE	DATE	DESIGNER	DRG. NO.
1:100	07/03/17	KENYAKARIA M983447343 95888-31856	1/3

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 સ્ત્રી

ભરૂચ એન્ડાયર્સ ઈન્ડસ્ટ્રીઅલ લિમિટેડ.

પ્લોટ નંબર ૩૧. ૪૩
દહેજ

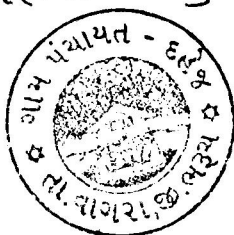
વિષય - મોજે દહેજ ઈન્ડસ્ટ્રીઅલ એન્ડેર સ્થીત નંબર
૩૧. વિસ્તારે માં લૂકારોપણનું આયોજન આપવા
બાબત.

રેકર્ડમાં - આખો તા. ૩૧/૧૨ નો પ્ર. સમાવી ગામ પંચાયત સામુહિક રીતે વડેના પાંચ(૫)
વર્ષમાં આપની કેપની પકી અને ગામ પંચાયત પકી નીચે
સુધાનું આયોજન કરેલ છે.

- (૧) બાલીયાદેવ મંદિર તથા ભાર્યુમરુપાનું મંદિર વર્ષ ૨૦૧૬-૧૭
- (૨) ભુવનાય ટેમ્પલ વર્ષ ૨૦૧૯-૨૦૨૦
- (૩) હોડા પુર્ણમુલ વર્ષ ૨૦૨૦-૨૦૨૧
- (૪) દહેજ ચોક્કી થી ગામ મુદી વર્ષ ૨૦૨૧-૨૦૨૨
- (૫) રામયુ મંદિર વર્ષ ૨૦૨૨-૨૩

લૂકારોપણ માટે જરૂરી હોડ તથા હોડના અણ માટે રૂી
પ્રોવિડર કેપની દવા પુરા પાડવાના રહેશે.

આભાર મુ.



જવહરપતિ આર અણ

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 Clearance****Reference: 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. SEIAA/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

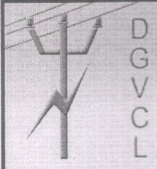
C.C: (1) State Level Environment Impact Assessment Authority
 Gujarat Pollution Control Board,
 "Paryavaran Bhavan" Sector 10-A,
 Gandhinagar – 382010.

(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 : panjwanla@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 :

જવક 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 કૃત્ય તારા.

મુરખંચ
ગામ પંચાયત - વાવ
તા. વાગરા, જી. ભરૂચ
ડાક્ટોર મુર્ખંચ



BHARUCH ENVIRO INFRASTRUCTURE LTD.

Pad Copy

Plot No - 43,G.I.D.C Dahej - 392 130

CHALLAN CUM GATE PASS

Phone : 02641-291129

(NON -RETURNABLE)

NO. 0228

M/s. Nandarkha Gram Panchayat

Date : 03/08/2019

Village - Nandarkha

Carrier: GTJ 36 W 7383

To - Vagra

L.R.No.: _____

Dis - Bharuch

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
Prepared by G. P. Requested by	Authorised by	Security Dept.	1 Please return duplicate copy while receiving materials. Received the items stated above in good condition and as per quantity
Dept. CSR	Permitted by	Out	
		In	
		Checked by	Receiver's Signature with Stamp

for Tree plantation at Village Nandarkha To Vagra Requested by Padyamanjari C BJP Yuvamorchha Prasad

Signature of Receiver



ગામ પંચાયત કડોદરા

મુ.પો. કડોદરા, તા. વાગરા. જી. ભરૂચ.

સરપંચ : અરવિંદભાઈ સી. પરમાર M. 9998821712

ક્રમાંક :

જા.નંબર :

દાખલો

તા. ૨૬ - ૧૦ - ૨૦૨૦

પતિ શ્રી,

BEIL Infrastructure Ltd.
Dahy.

જેવું ભારત સરકારે જાહેરાત કરી કે કડોદરા તા. વાગરા, જિ. ભરૂચ ના ગામે આપણી કંપનીને જાઈ આઈ આઈ એલ ઇન્ફ્રાસ્ટ્રક્ચર લિમિટેડને વાસ્તવિકતામાં આપણા કાર્યોને આગળ વધારવા માટે ના પિજર - 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				

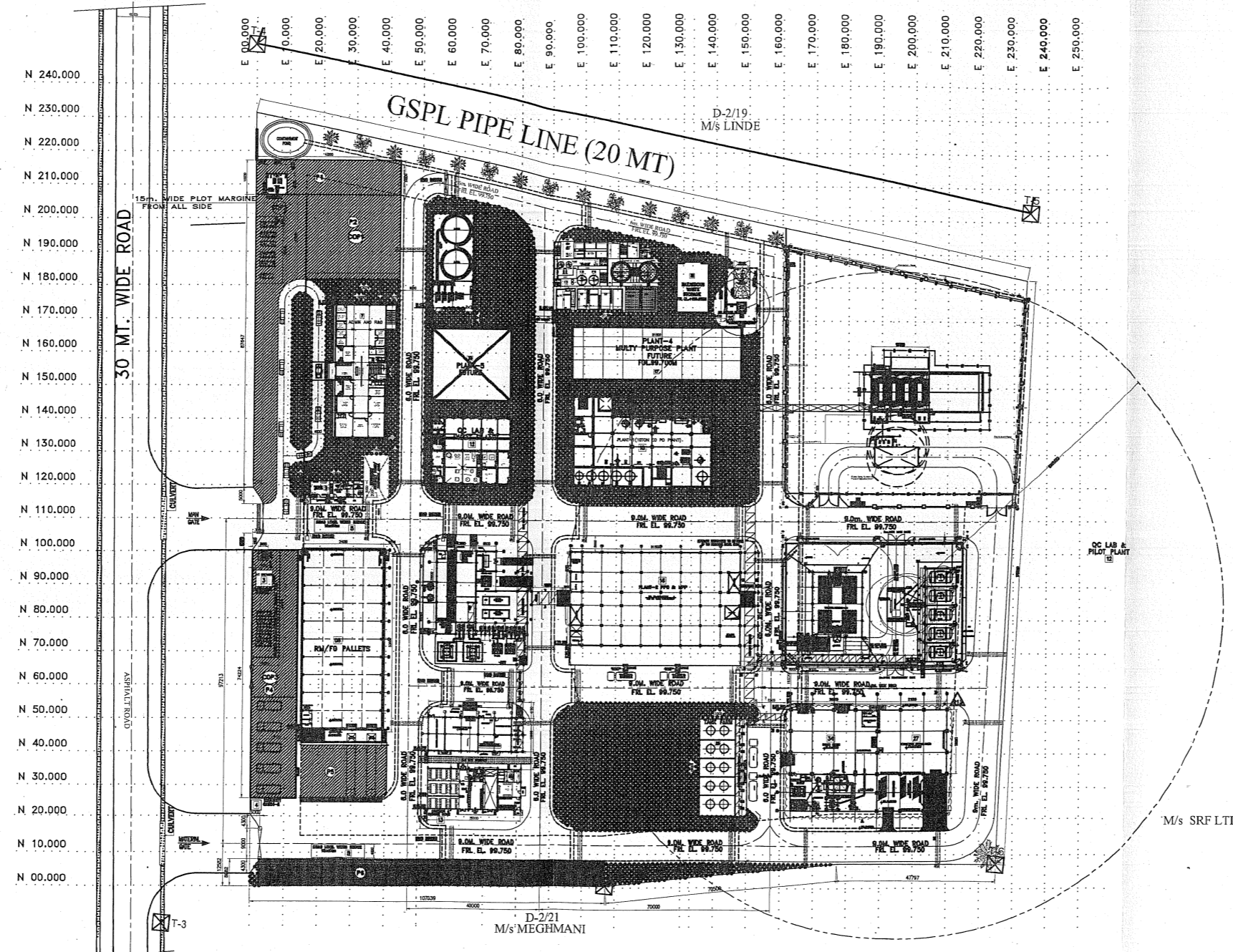
(B) SOLID WASTE NOT FOR LANDFILL.

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



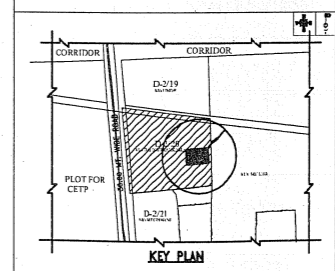
AREA STATEMENT

SR. NO.	DESCRIPTION	AREA (SQ. METERS)
A	Plot Area	48830.32
B	Common Plot Area (Less 15% of Plot Area Enclosed 20000 Sq.M. Shall be Minimum Provided)	3195.6 (PROVIDED)
C	Parking (Required 4000 Sq.M. of Plot Area)	4883.2 (PROVIDED)
D	Tree Plantation (Required 0.1 Trees per 100 Sq.M.)	700 NOS.
E	Permissible Built Up Area (G.C. COVERED)	20433.64
F	Proposed Built Up Area (G.C. COVERED)	14899
G	Additional Permissible Built Up Area (G.C. COVERED)	1844.00

SR. NO.	DESCRIPTION	SEE	SQ. FT.	REMARK
1	SECURITY CAMP	13.0.0.0	200	
2	SECURITY AND VISITOR WAITING ROOM	14.0.0	200	
3	OFF BREAK ROOM	24.0.0	200	
4	SECURITY CONTROL	24.0.0	200	
5	WASH ROOM	18.0.0	200	
6	DRINKING WATER TANKS & TO WAREHOUSE	24.0.0	200	
7	ADMIN AND BLDG	40.0.0	200	
8	PLC WASH ROOM AND PLANT HOUSE	20.0.0	200	
9	PLC & UTILITY WASH ROOM	20.0.0	200	
10	PLC & UTILITY WASH ROOM	20.0.0	200	
11	PLC & UTILITY WASH ROOM	20.0.0	200	
12	GC LAB & PLOT PLANT	24.0.0	200	
13	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
14	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
15	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
16	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
17	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
18	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
19	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
20	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
21	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
22	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
23	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
24	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
25	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
26	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
27	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
28	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
29	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
30	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
31	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
32	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
33	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
34	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
35	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
36	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
37	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
38	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
39	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
40	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
41	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
42	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
43	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
44	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
45	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
46	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
47	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
48	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
49	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
50	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
51	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
52	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
53	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
54	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
55	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
56	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
57	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
58	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
59	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
60	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
61	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
62	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
63	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
64	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
65	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
66	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
67	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
68	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
69	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
70	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
71	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
72	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
73	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
74	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
75	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
76	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
77	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
78	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
79	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
80	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
81	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
82	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
83	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
84	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
85	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
86	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
87	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
88	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
89	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
90	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
91	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
92	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
93	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
94	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
95	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
96	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
97	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
98	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
99	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	
100	OFFICE & WAREHOUSE CHANGE ROOM	24.0.0	200	

COMMON PLOT AREA	PARKING AREA CALCULATION
1. COP 83.25 x 25.25 = 711.25 Sq.M.	1. (M) 43.25 x 10.25 = 443.00 Sq.M.
2. COP 88.10 x 15.10 = 1330.25 Sq.M.	2. (M) 25.25 x 25.25 = 637.50 Sq.M.
3. COP 77.25 x 15.10 = 946.50 Sq.M.	3. (M) 25.25 x 15.10 = 381.25 Sq.M.
TOTAL 2448.00	4. (M) 77.25 x 15.10 = 1167.00 Sq.M.
	5. (M) 35.25 x 17.25 = 608.00 Sq.M.
	6. (M) 10.25 x 8.25 = 84.50 Sq.M.
	TOTAL 2647.50

LEGEND:-
 EHP----- 200# ELECTRICAL HOME PIPE
 GREEN BELT
 PLOT BOUNDARY
 POPOSED BLDG.
 PARKING SPACE
 UNDER GROUND FIRE WORKIT LINE



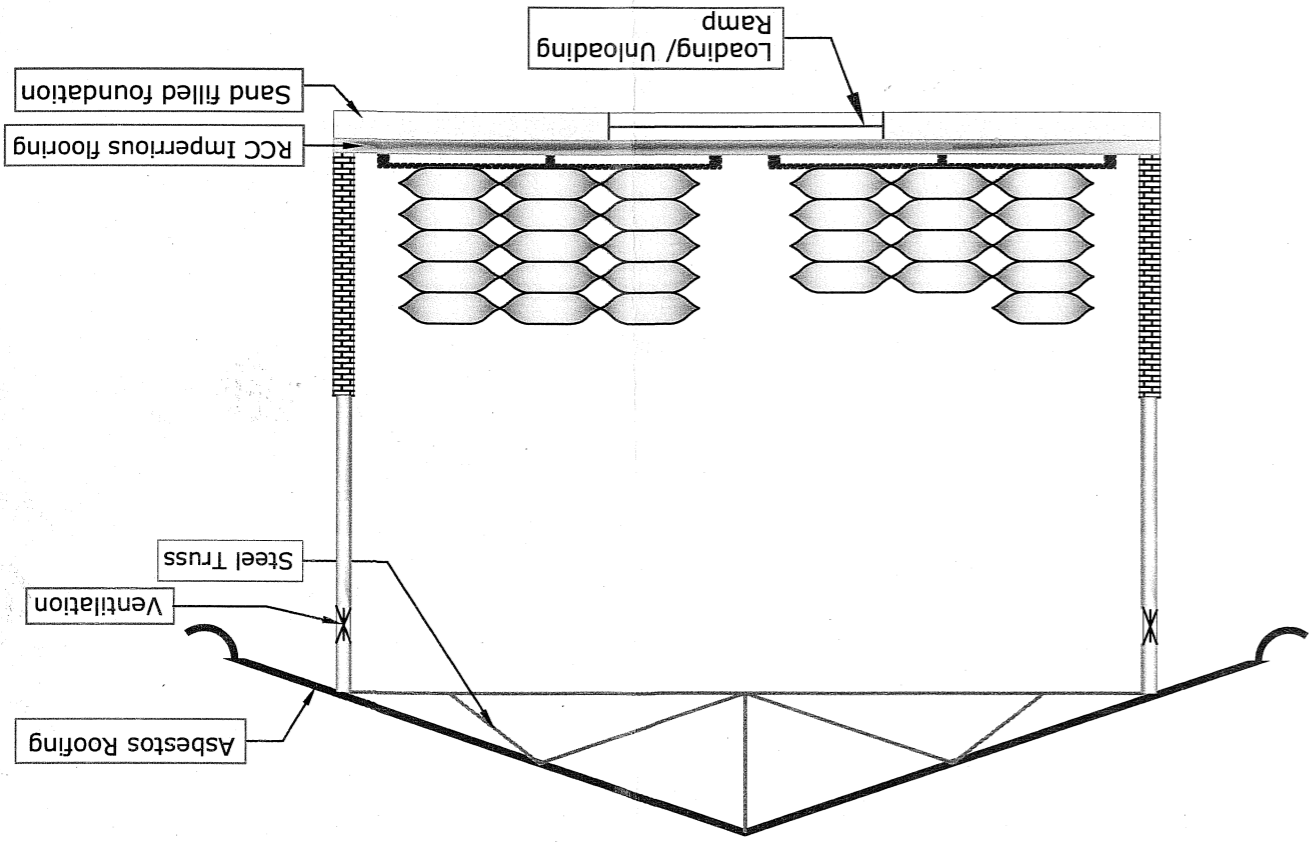
NO.	DATE	DESCRIPTION	BY	CHECKED	APP. BY
01	15/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
02	05/04/17	PLAT PLAN APPROVED AS PER ISSUED DRAWING	PM	SM	PM
03	14/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
04	17/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
05	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
06	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
07	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
08	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
09	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
10	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
11	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
12	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
13	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
14	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
15	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
16	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
17	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
18	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
19	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
20	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
21	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
22	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
23	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
24	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
25	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
26	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
27	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
28	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
29	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
30	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
31	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
32	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
33	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
34	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
35	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
36	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
37	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
38	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
39	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
40	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
41	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
42	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
43	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
44	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
45	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
46	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
47	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
48	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
49	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM
50	02/04/17	ISSUED AS PER THE DRAWING	PM	SM	PM

This drawing is a property of Shroff & Associates (Engineers) Pvt. Ltd. and shall not be used for any other purpose without the written permission of the firm.

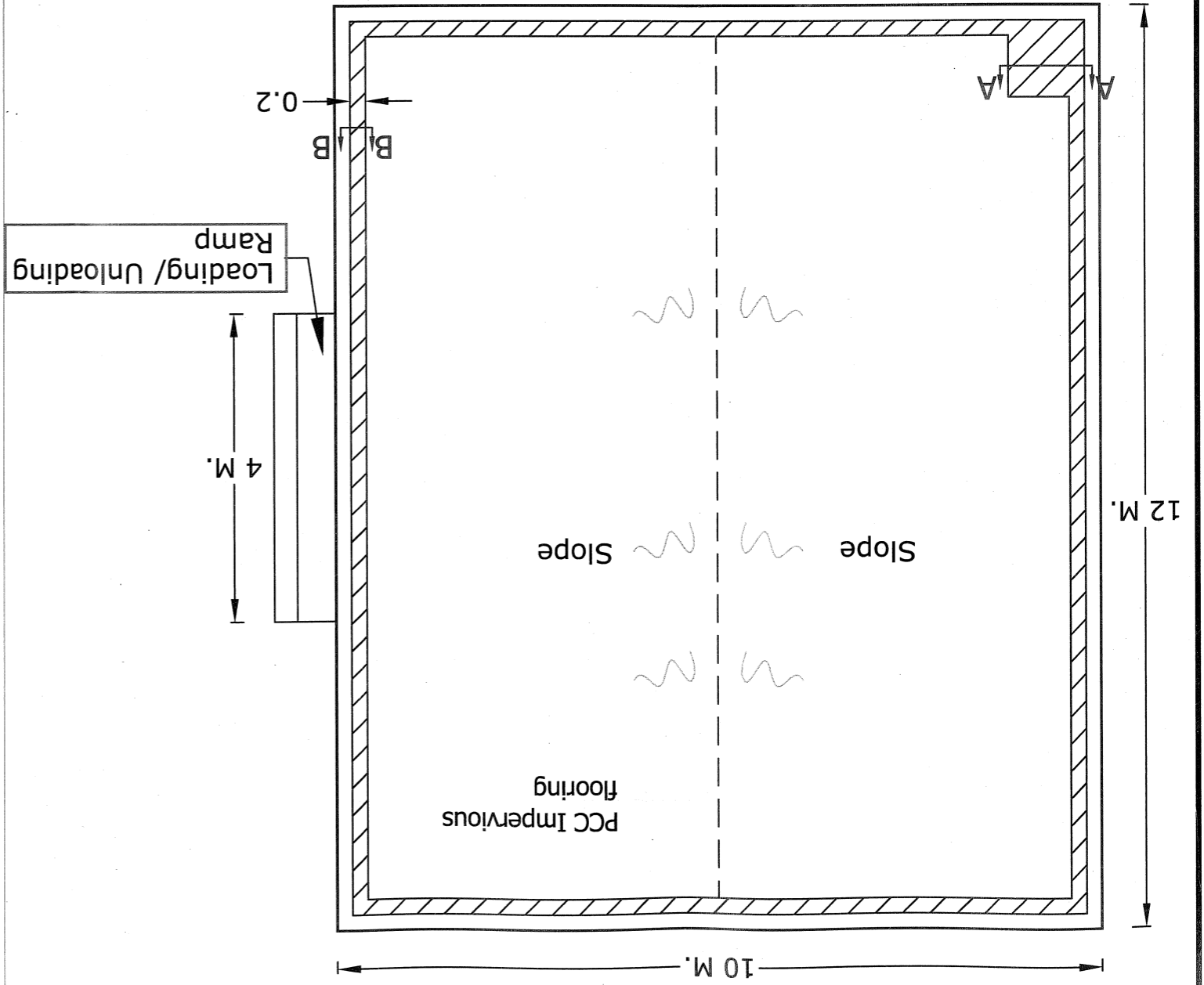
Shroff & Associates (Engineers) Pvt. Ltd.
Shroff Consulting Engineers LLP.

Title: **PLOT PLAN**
 Client: **M/s DAI ICHI KARKARIA LTD.**
 Plot: _____ Location: **DAHEJ**
 Project Name: **ALKOXYLATION** Project No: **C-1471**
 Scale: **1:400** No. **1471-LF9-101** Sheet **1** of **2** R15

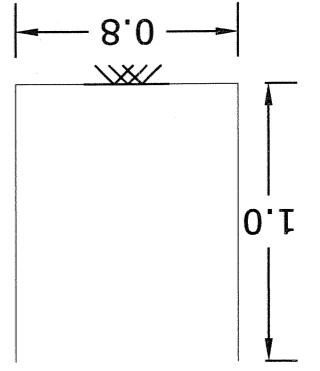
ELEVATION



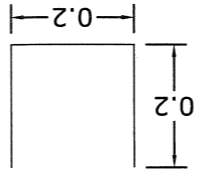
PLAN



Section A-A



Section B-B





HAZARDOUS
SOLID WASTE
AREA
ETP WASTE
CAT. No. 3, 4, 5

INSECTICIDES INDIA LIMITED
DAHEJ



← Plant Area

Garland Drain

Storm Water Channel



Plant Area →



Effluent Collection Pit

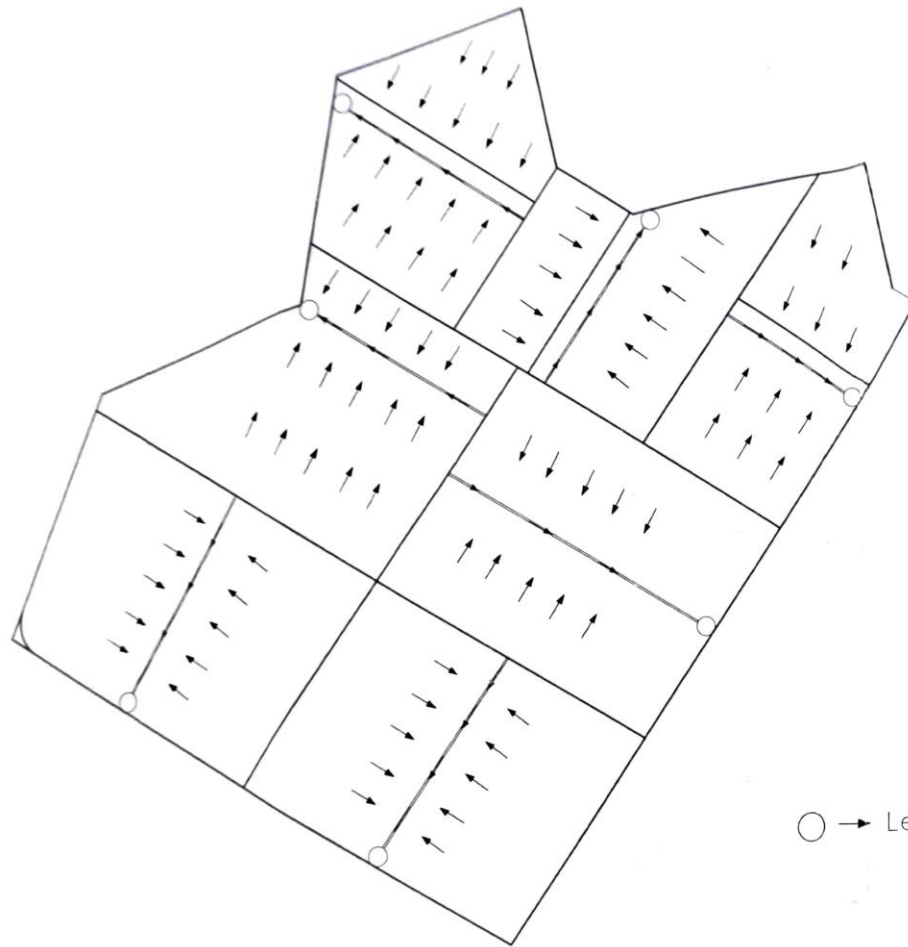
Garland Drain





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



APPROVED BY

**INDIAN INSTITUTE OF TECHNOLOGY,
NEW DELHI**

Dr. Manoj Datta
20/10/13
Dr. Manoj Datta
Professor
Civil Engineering Department
Indian Institute of Technology Delhi
Hauz Khas, New Delhi - 110016

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 be 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.



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.

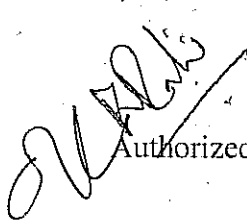
Year	Rs. (Lakhs)
18-19	10
19-20	10
20-21	10
21-22	5
22-23	5

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.

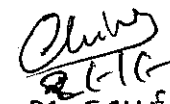
Thanking You,

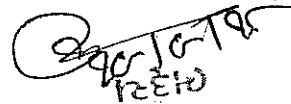
For Bharuch Enviro Infrastructure Limited


Authorized Signatory

Copy To :

D.D.O., Bharuch


કુ. કલાર્ક
અચાર્ય શાખા
જી. પં. ભરૂચ


કુ. 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 waste segregation process in tumblers



Kitchen waste drying process in pits



Ready fertilizer for the use

Kitchen garden at Composting site



Free Medical Check-up Camp at Govt. college, 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 in-house 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	<ul style="list-style-type: none"> - Spray water during summer season. - Cover the waste layer with fresh soil and compact it. 	<p>Complied.</p> <p>Water is being sprayed for dust suppression. And daily coverage of waste with clay layer is being done.</p>
	Disposal of waste at the wrong place in the premises leachate handling	<p>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</p>	<p>Complied.</p> <p>Necessary sign board are provided. Adequate numbers of leachate collection wells are constructed, daily level monitoring is being done and transferred to MEE plant.</p>

Monitoring Activity			
Water Quality	<ul style="list-style-type: none"> -Ground water pollution - Contamination of ground water 	<ul style="list-style-type: none"> - 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 	<p>Complied</p> <ul style="list-style-type: none"> - 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)	<ul style="list-style-type: none"> -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 	<p>Complied</p> <ul style="list-style-type: none"> -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 7, 8, 9 & 10 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.

		observed to improve the safety consciousness.	- National safety week is celebrated at our site every year.
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. 	Complied.

		<p>-The rainwater harvesting system is provided based on the technology given by the Center for Science & Environment, New Delhi.</p> <p>-Schematic diagram of Rainwater Harvesting System is given in figure</p>	
Green Belt		<p>Adequate green belt will be provided by BEIL around the existing site.</p> <p>-Area which has been brought under green belt is to the tune of 52,500 sq.meter (18.4%)</p> <p>-Green belt will be properly maintained resulting in formation of a thick canopy of trees around the project site.</p>	<p>Complied.</p> <p>-We have developed 52,500 sq. mt. area as green belt within the premises.</p> <p>- We have also taken permission to develop green belt outside the premises.</p>
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	<p>Complied.</p> <p>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</p>
Post closure Phase	Ambient air quality	Monitoring of ambient air quality for various parameters	<p>Complied</p> <p>Monitoring of ambient air quality for various parameters is being done.</p>
	Emission from landfill vents	Monitoring of vents for HCs/VOCs, monthly	<p>Complied.</p> <p>Monitoring of vents for HCs/VOCs is being done every month.</p>
	Leachate generation	<p>- Sampling and analysis of leachate for various parameters, monthly.</p> <p>- Treatment of generated leachate in Multiple Effect Evaporator</p>	<p>- Sampling and analysis of leachate for various parameters is being done.</p> <p>- Leachate generated is collected and treated in Multiple Effect Evaporator.</p>
	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

C592 626303



POSTAGE
₹ 25.00

N100507

B. E. I. L
Inward No. _____
Date 11/05/20 Sign _____



Your Positive Attitude for Control for Pollution is welcome

Environmental Clearance
19/10/2020. The proposal was considered by

Dahej - Inc + Landfill
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& INCINERATION) 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: **2**

Issue date: **10 February 2023**

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

Ref.: BEIL/DHJ/2022-23/48

Date: 30.12.2022

PCB ID # 40137

To,
The Director
Room No 407, 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'22 to Sep'22.

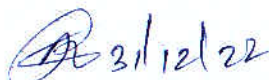
- Ref.:1. Environmental Clearance No. SEIAA/GUJ/EC/7(d)/227/2013 dated 22nd July, 2013 for setting up of common hazardous waste Treatment, Storage, Disposal facility (TSDF) and Multi Effect Evaporator (MEE)**
- 2. Environmental Clearance F. No. 10-43/2016-IA-III dated 19th Dec. 2018 for Installation 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 and Multi Effect Evaporator (MEE) followed by spray dryer 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'22 to Sep'22. 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 has not been implemented till date. However, Incinerator plant is installed and started from October.

BEIL has received land fillable Hazardous waste: During 1st April'22 to 30th Sep'22 is 100936.723 MT. Cumulative quantity disposed in landfill from the beginning (up to 30.09.2022) is 9,31,927.263 MT.

 31/12/22

Post Received
Gujarat Pollution Control Board
BHARUCH



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

Encl: As above

CC : Gujarat Pollution Control Board,
Bharuch

CC: Central Pollution Control Board,
Vadodara

FW: EC Compliance for the period of Apr'22 to Sep'22 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>

Thu 1/5/2023 10:41 AM

To: Janki Kapadia/Environment/BHARUCH <environmentdahej@beil.co.in>

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

Dear Kruti

For your information

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"

From: RAJESHKUMAR MISTRY/Project/GUJARAT

Sent: 03 January 2023 10:06

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

Cc: Maheshchandra Trivedi <mahesh.trivedi@beil.co.in>; Rakshita Vyas/Environment/Ankleshwar <rakshita.vyas@beil.co.in>

Subject: EC Compliance for the period of Apr'22 to Sep'22 of BEIL Infrastructure Ltd.-Dahej Plot No. D/43, GIDC Estate, Amod Road, dahej - 392130, Dist. Bharuch.

Dear sir,

Please find the EC compliance report for the period of April'22 to Sep'22 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 Clearance****Reference: 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. SEIAA/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 : panjwanla@uniphos.com
Regd. Office : Plot No. 117-118, GIDC Estate, Ankleshwar 393 002, Dist.: Bharuch. (Gujarat)

A.A.DOLTI
MEMBER SECRETARY
SEIAA (GUJARAT)



Government of Gujarat

STATE LEVEL ENVIRONMENT
IMPACT ASSESSMENT
AUTHORITY
GUJARAT

No. SEIAA/GUJ/EC/7(d)/ 227/2013

Date: 22 JUL 2013
Time Limit

Sub: Environment 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..... in Category 7 (d) of Schedule annexed with EIA Notification dated 14/9/2006.

Dear Sir,

This has reference to your application along with Form-I vide letter dated 30/12/2011, Final Environmental Impact and Risk Assessment Report vide letter dated 22/04/2013, submitted to the SEAC, seeking Environmental Clearance under Environment Impact Assessment Notification, 2006.

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. Bharuch Enviro Infrastructure Ltd. [BEIL] proposes to set up TSDF [14 Lac MT] and MEE Plant [3 x 200 KL/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.

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.

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 Janta Vidy-alay, Dahej, Tal. Vagra, Dist. Bharuch.

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 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, 2006 subject to the compliance of the following conditions.

A.SPECIFIC CONDITIONS:

1. 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.
2. 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.
3. The proponent shall ensure that design and construction of secured landfill site is as per the guidelines of CPCB with proper leachate collection arrangement.
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.
5. Project proponent shall ensure that wastes with organic content > 5% of degradable organic matters are not disposed in to the landfill. However, required arrangement for collection, treatment and disposal of gases from the secured landfill, if any, shall be provided.
6. The TSDF & MEE shall only handle the waste generated from the member units.
7. The project proponent shall set up necessary facility for on site testing of wastes to decide the requirement of treatment if any, before disposal.
8. Project proponent shall carryout periodical ground water/soil monitoring in and around the site to check the contamination including TCLP test for heavy metals.
9. The third 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 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.

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.
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 years, the leachate shall be sent to BEIL, Ankleshwar for treatment with MEE.
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.
13. Domestic wastewater and condensate water from the MEE shall be disposed off as per the norms to be laid down by the GPCB.
14. Enough care shall be taken to prevent any leakages/accidental spillages during conveyance of the effluent from the member units to the MEE.
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 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.
17. In case of power failure, stand-by D.G.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.

A.2 AIR:

18. Natural gas to the tune of 440 Nm³/day shall be used as a fuel in Boiler [5 T/Hr.] and a stack of 30 m height shall be provided to Boiler.
19. HSD to the tune of 3 KL/Month shall be used as a fuel in D.G. Set [600 KVA] and a stack of 9.3 m height shall be provided to D. G. Set.
20. The flue gas emission from Boiler and D.G.Set shall conform to the standards prescribed by GPCB. At no time, the emission levels shall go beyond the stipulated standards.
21. Project proponent shall carry out 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.
22. All transporting routes within the premises shall have asphalt roads to minimize fugitive emission.

A.3 SOLID / HAZARDOUS WASTES:

23. The proponent shall ensure that the TSDF fulfills all the provisions of Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the design and construction of secured landfill site is as per the guidelines of CPCB with proper leachate collection arrangement.
24. Temporary hazardous waste storage area of about 4000 MT capacity having impervious bottom and roof cover shall be provided as proposed.
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.
26. The main operational site shall be kept covered by tarpaulin with separate rain water collection system during monsoon period.
27. Salt from MEE and discarded bags shall be disposed in the secured landfill site.
28. BEIL shall explore possibilities with respect to reduction and reuse of hazardous waste generated by member units and received at the project site.
29. Used oil shall be sold only to the 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.
31. Handling and storage of wastes shall be done in such a manner that minimal human exposure occurs.
32. All transportation of hazardous materials shall be as per the Motor Vehicle Act & Rules.
33. Hazardous materials storage shall be at an isolated designated location, bund/dyke walls shall be provided for storage tanks for Hazardous Chemicals.
34. Personal Protective Equipment shall be provided to workers and its usage shall be 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.

36. Training shall be given to all workers on safety and health aspects of handling hazardous wastes.
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.
38. Project proponent shall prepare and implement an On Site Emergency Management Plan and Disaster Management Plan (DMP) for the project as per the guidelines from Directorate of Industrial Safety and Health. Adequate fire fighting facilities shall be installed to handle the fire.

A.5 NOISE:

39. The overall noise level in and around the premises shall be kept well 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.

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 the pollution abatement. Drip irrigation system shall be used for the green belt for optimum utilization of the water resources.
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 years to the GPCB.

B. OTHER CONDITIONS:

42. Project proponent shall obtain necessary Authorization / Consents from the Gujarat Pollution Control Board.
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.
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.
45. Adequate spares for waste and effluent collection, handling and transfer shall be maintained at all times.
46. BEIL shall comply with all the provisions of CPCB guidelines for TSDF as may be applicable from time to time.
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 compiled records to the GPCB on monthly basis.
48. BEIL shall ensure that each & every member unit renews the agreement / membership on/before expiry 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 about termination / suspension of membership of any member unit.
49. BEIL shall instruct and make sure that each member unit provides effluent storage tank and hazardous waste storage area having adequate retention time.
50. 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.
51. Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.
52. Good house keeping 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 in to the effluent collection system for subsequent treatment and disposal through MEE.
53. During effluent transfer, spillages shall be avoided and gulland drain be constructed to avoid mixing of accidental spillages with storm water.
54. Necessary measures shall be taken to prevent contamination of storm water from wastes / effluent handled at site. The storm water drains shall be kept separate and shall remain dry throughout the year except monsoon.
55. BEIL shall intimate the GPCB about occurrence of any accident, act or event resulting in discharge of poisonous, noxious or polluting matter 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.
57. All the issues raised in the public hearing shall be comprehensively addressed / complied with in a time bound manner.
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 improvement of the environment in consultation with the District Development Officer / District Collector.
59. BEIL shall comply with all the recommendations as well as the environmental protection measures and risk mitigation measures/safeguards proposed in the REIA Report, Risk Assessment Report & Disaster Management Plan of the project.

60. In the event of a change in project profile or change in the implementation agency, a fresh reference shall be made to SEIAA / SEAC.
61. BEIL shall strive to obtain the ISO 14001 and OSHAS 18001 certification.
62. The project management shall extend full support to the officers of MoEF / GPCB during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect of mitigation measures and other environmental protection activities.
63. 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 conditions in hard and soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year.
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 concerned authorities and the date of start of land development work
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.
66. No further expansion or modifications in the plant likely to cause environmental impacts shall be carried out without obtaining prior Environment Clearance from the concerned authority.
67. The project authorities shall earmark adequate funds to implement the conditions 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.
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 the GPCB and may also be seen at the Website of SEIAA/ SEAC/ GPCB. This shall be advertised within seven days from the date of the clearance letter, in at least two local newspapers that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned Regional Office of the Ministry.
69. The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.
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.
71. The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.
72. The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional conditions, 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 their amendments and rules.
73. This environmental clearance is valid for five years from the date of issue.
74. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 10 of the National Green Tribunal Act, 2010.

With regards,
Yours sincerely,


(A.A. DOLTI)
Member Secretary

Issued to:


Shri B. D. Dalwadi, Sr. G.M. - Works,
Bharuch Enviro Infrastructure Ltd. [BEIL]
Plot No. 9701-16, GIDC Estate.
Post Box No. 82, Ankleshwar,
Dist. Bharuch - 393 002.

Copy to:-


1. The Secretary, SEAC, C/O. G.P.C.B. Gandhinagar - 382010.
2. The Chairman, Central Pollution Control Board, Parvesh Bhavan, CBD -cum-Office Complex,

East Arjun Nagar, New Delhi-110032

3. The Chief Conservator of Forests (Central), Ministry of Environment & Forests, Regional Office (WZ), E-5, Arera Colony, Link Road-3, Bhopal-462016, MP
4. Monitoring Cell, Ministry of Environment and Forests, Paryavaran Bhavan, CGO Complex, New Delhi-110003.
5. The Member Secretary, Gujarat Pollution Control Board, Paryavaran Bhavan, Sector-10 A, Gandhinagar-382010
6. Select File


(A.A.DOLTI)

Member Secretary

S. E. I. L.
23 AUG 2013
Forward No. 719
Time 1:30 P.M. Sign. 



UNITED INDIA INSURANCE COMPANY LIMITED
2ND FLOOR,OPP HOTEL LORDS PLAZA ,B/H RAILWAY STATION OLD N.H. NO-
8,GIDC,ANKLESHWAR ,BHARUCH ANKLESHWAR, BHARUCH, GUJARAT
BHARUCH - 393002 GUJARAT
PHONE: (2646) 220151 FAX: EMAIL:

PUBLIC LIABILITY ACT POLICY
Policy No.:1806012723P101254940

PERIOD OF INSURANCE
From 00:00 hrs of 01/05/2023
To midnight of 30/04/2024

Insured

M/s BEIL INFRASTRUCTURE LTD.

PLOT NO.9701 TO 9716/9801TO9828/9901 TO 9906/9923 TO 9928(2)KISHOKLAND BETWEEN
POT NO.9701 TO 9716(3)ROAD AREA BETWEEN PLOT NO.9801 TO9814/9501 TO 9506/7905E
TO H.ROAD/9601 TO 9604/
10001 TO 10003/1804 & ELIELINEGS,G7, 8 ROAD1& 2/7924 TO 7927 AND SURVEY NOS.
233,269,271,272,273, OF JITALI VILLAGE,GIDC,ANKLESHWAR
BHARUCH
393002
GUJARAT

Agent Name : DAXABEN GHANSHYAM BHATT
Agent Code : AGN1049104
Mobile/Landline Number/Email : 9824112770
: ggbhatt26@yahoo.com

The genuineness of the policy can be verified through "Verify Your Policy" link at www.uiic.co.in.

For any Information, Service Requests, Claim intimation and Grievances please write to 180601@uiic.co.in

Download Customer App(www.uiic.co.in). REGD. & HEAD OFFICE, 24, WHITES ROAD, CHENNAI - 600014.

Website: <http://www.uiic.co.in>

Printed By : CUSTOMER @ 06/05/2023 11:26:15 AM

Vimta Labs Limited

Registered Office
142, IDA Phase II, Cherlapally
Hyderabad-500 051, Telangana, India
T : +91 40 2726 4141
F : +91 40 2726 3657

ISSUED TO

BEIL INFRASTRUCTURE LIMITED
UNIT: DAHEJ
PLOT NO.:43, DAHEJ AMOD ROAD
NEAR BHARAT RASAYAN COMPANY
DAHEJ, DIST.BHARUCH
GUJARAT-392130, INDIA

Report Number : VLL/VLS/23/04081/002
Issue date : 2023.06.13
P.O. Number : 8523240098
P.O. Date : 03-May-2023

Page No.01 of 01

Sample Particulars : **Source Emission Monitoring for Hazardous Waste Incinerator Stack**

Sampling date : 2023.05.28 Sample Registration date : 2023.05.31
Analysis Starting date : 2023.05.31 Analysis Completion date : 2023.06.13
Sample Collected by Vimta Labs Limited

TEST REPORT

Sr. No.	Parameters	UoM	Results
1	Date of Monitoring	D: M: Y	28/05/2023
2	Time of Sampling	H:M	10:00
3	Diameter of stack	m	1.77
4	Flue gas temperature	°C	72
5	Velocity	m/sec	5.93
6	Volumetric flow rate	Nm ³ /Sec	14.59
7	Oxygen	%	14.0
8	Carbon Monoxide	mg/ Nm ³	51.74
9	Carbon Dioxide	%	6.8
Dioxin & Furans			
1	2,3,7,8-TCDF	ng/Nm ³ , TEQ	0.0010
2	1,2,3,7,8-PeCDF		0.0009
3	2,3,4,7,8-PeCDF		0.0012
4	1,2,3,4,7,8-HxCDF		0.0016
5	1,2,3,6,7,8-HxCDF		0.0010
6	2,3,4,6,7,8-HxCDF		0.0021
7	1,2,3,7,8,9-HxCDF		0.0014
8	1,2,3,4,6,7,8-HpCDF		0.0008
9	1,2,3,4,7,8,9-HpCDF		0.0042
10	OCDF		0.0014
11	2,3,7,8-TCDD		0.0007
12	1,2,3,7,8-PeCDD		0.0011
13	1,2,3,4,7,8-HxCDD		0.0008
14	1,2,3,6,7,8-HxCDD		0.0022
15	1,2,3,7,8,9-HxCDD		0.0016
16	1,2,3,4,6,7,8-HpCDD		0.0020
17	OCDD		0.0028
Total Dioxins & Furans in ng/Nm³, TEQ			0.0269
Total Dioxins & Furans in ng/Nm³, TEQ Corrected to 11% O₂			0.0386
ELV* ng/Nm³, TEQ Corrected to 11% O₂			< 0.1

*ELV: Emission Limit Value as per MoE, F & CC Notification GSR 481(E)



Dr. SubbaReddy Mallampati
Manager-Environment

BEIL INFRASTRUCTURE LTD DAHEJ							
Monitoring of Gas Vent Provided in SLF							
Sr.No.	Location	VOC			H2S		
		Results in ppb			Results in ppm		
		11-10-2022	02-11-2022	05-12-2022	11-10-2022	02-11-2022	05-12-2022
1	VENT-1	BDL	BDL	BDL	BDL	BDL	BDL
2	VENT-2	BDL	BDL	BDL	BDL	BDL	BDL
3	VENT-3	BDL	BDL	BDL	BDL	BDL	BDL
4	VENT-4	BDL	BDL	BDL	BDL	BDL	BDL
5	VENT-5	BDL	BDL	BDL	BDL	BDL	BDL
6	VENT-6	BDL	BDL	BDL	BDL	BDL	BDL

For, BEIL INFRASTRUCTURE LTD.



Mr. Ashish Chaudhari
(Executive-Q.A.)



Mr. Sathish Gaddam
(DGM - Q.A.)

BEIL INFRASTRUCTURE LTD DAHEJ

Monitoring of Gas Vent Provided in SLE

Sr.No.	Location	VOC			H2S		
		Results in ppb			Results in ppm		
		03-01-2023	10-02-2023	06-03-2023	03-01-2023	10-02-2023	06-03-2023
1	VENT-1	BDL	BDL	BDL	BDL	BDL	BDL
2	VENT-2	BDL	BDL	BDL	BDL	BDL	BDL
3	VENT-3	BDL	BDL	BDL	BDL	BDL	BDL
4	VENT-4	BDL	BDL	BDL	BDL	BDL	BDL
5	VENT-5	BDL	BDL	BDL	BDL	BDL	BDL
6	VENT-6	BDL	BDL	BDL	BDL	BDL	BDL

For, BEIL INFRASTRUCTURE LTD.

Ax2

Mr.Ashish Chaudhari
(Executive-Q.A.)

F. Sathish

Mr.Sathish Gaddam
(DGM - Q.A.)

દહેજ
ગામ પંચાયત



DAHEJ
GAM PANCHAYT

મુ.પો. દહેજ, તા.વાગરા, જી.ભરૂચ

AT. & PO. DAHEJ, TA.VAGRA, DIST. BHARUCH

તા :: ૧૩/૦૯/૨૦૨૨



પ્રતિ શ્રી,
મહે. ડાયરેક્ટરશ્રી,
અશોક પંજવાણી/બી.ડી.દલવાડી,
બીઈઆઈએલ ઈન્ફ્રાસ્ટ્રક્ચર લીમીટેડ,
પ્લોટ નં-ડી/૪૩, દહેજ,

વિષય : દહેજ ગામમાં સામાજિક વનીકરણ - ટ્રી પ્લાન્ટેશન કરવા માટે જમીન ફાળવવા બાબત.

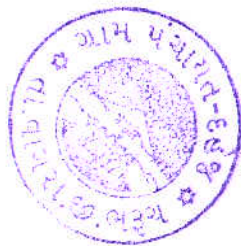
સવિનય સહ ઉપરોક્ત વિષય અન્વયે દહેજ ગામનાં સરપંચશ્રીનું જણાવવાનું કે આપ સાહેબશ્રીની અરજી મુજબ દહેજ ગામમાં ભગત સોલ્ટ પાસે સામાજિક વનીકરણ માટે ૨૦ એકર જમીન ફાળવવા બાબત નાં અનુસંધાનમાં દહેજ ગામનાં સ.નં :- ૧૫૦૪અ૧ જે સરકારી ખરાબા ની છે. તે પૈકીની ૨૦ એકર જમીન પર આપ સાહેબની કંપની દ્વારા સામાજિક વનીકરણ ટ્રી - પ્લાન્ટેશન કરવામાં આવે તો નીચેની શરતોને આધીન કરવામાં આવે જે આપશ્રીને જાણ થવા વિનંતી. જેનો ઠરાવ ગ્રામપંચાયત સામાન્ય સભામાં કરવામાં આવેલ છે.

શરતો :-

(૧) આ જગ્યાની માલિકી ગ્રામપંચાયત ની રહેશે.

સ્થળ :- દહેજ,

તારીખ :- ૧૩/૦૯/૨૦૨૨



સરપંચ

ગામ પંચાયત-દહેજ
તા. વાગરા, જી. ભરૂચ



o/c

Ref: BEIL/DHJ/2023-24/22

Date: 26.06.2023
PCB ID # 40137

The Member Secretary
Gujarat Pollution Control Board
Paryavaran Bhavan, Sector – 10 / A
Gandhinagar – 382 043

Dear Sir,

Sub: Environmental Statement for the year 2022-23

We are forwarding herewith Environmental Statement for our TSD Facility (Centralized Secured Landfill Facility) situated at BEIL, Plot No D-43 G.I.D.C, Dahej, Ta: Vagra. Dist. Bharuch for the period of year 2022-23

We are forwarding copy of the Manifest regarding collection and disposal of waste from our member industries to GPCB Bharuch on a regular basis.

We have received following CTE & CCA Amendment from GPCB during the last year

1. CCA Amendment vide consent no. AWH 120147 for Fuel Change.
2. CCA Amendment vide consent no. AWH 120145 for Cell 6.
3. CCA Amendment vide consent no. AWH 120793 for Incinerator.
4. CTE Amendment vide consent no. CTE-124682 for MEE + SPD + ETP.

Also, we would like to bring your kind attention that our laboratory has been accredited by NABL & approved by MoEF&CC. We also have implemented ISO 14001:2015 & ISO 45001:2018 certification for Environmental Management system and Occupational Health and safety standards.

We have installed Common Incinerator and commissioned the same during this year.

We hope that the above is in order.

Thanking you
Yours faithfully
For, **BEIL Infrastructure Ltd**


Authorized Signatory

CC:

1. **Regional Office**
Gujarat Pollution Control Board, Bharuch.
2. **Unit Head- Hazardous waste cell**
Gujarat Pollution Control Board, Gandhinagar.


Post Received
Gujarat Pollution Control Board
BHARUCH

ENVIRONMENTAL STATEMENT

Environmental Statement for the financial year ending 31st March 2023

PART - A

01	Name and address of the owner / occupier of the industry / operation or process	Director – Mr. Ashok Panjwani Operator – Mr. B.D. Dalwadi																					
		BEIL Infrastructure Ltd Plot # D-43, GIDC, Dahej, Ta : Vagra Dist : Bharuch																					
02	Industry Category	Primary – STC Code																					
		Secondary–SIC Code																					
03	Production capacity	<table border="1"> <thead> <tr> <th colspan="3">Units</th> </tr> <tr> <th>N o.</th> <th>Product</th> <th>Capacity</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Secured landfill site</td> <td>1,65,400 MT Cell-1 (Closed) 3,12,960 MT Cell 2& 5 (Partially Closed) 1,65,689 MT Cell-3 (Operation) 1,75,385 MT Cell-4 (Operation) 2,61,312 MT Cell-6 (Operation)</td> </tr> <tr> <td>2.</td> <td>Multiple Effect Evaporator (MEE)</td> <td>200 KLD</td> </tr> <tr> <td>3.</td> <td>De-Contaminated & De-toxified packing material (drum, carboy, liners etc.)</td> <td>2,10,240 Nos/Year</td> </tr> <tr> <td>4.</td> <td>De-contaminated & Detoxification of tankers</td> <td>36,000 Nos/Yr</td> </tr> <tr> <td>5.</td> <td>Incineration Facility</td> <td>12 Million Kcal/Hr</td> </tr> </tbody> </table> <p>It is a TSDF Facility (Common Secured Landfill Facility)</p>	Units			N o.	Product	Capacity	1.	Secured landfill site	1,65,400 MT Cell-1 (Closed) 3,12,960 MT Cell 2& 5 (Partially Closed) 1,65,689 MT Cell-3 (Operation) 1,75,385 MT Cell-4 (Operation) 2,61,312 MT Cell-6 (Operation)	2.	Multiple Effect Evaporator (MEE)	200 KLD	3.	De-Contaminated & De-toxified packing material (drum, carboy, liners etc.)	2,10,240 Nos/Year	4.	De-contaminated & Detoxification of tankers	36,000 Nos/Yr	5.	Incineration Facility	12 Million Kcal/Hr
Units																							
N o.	Product	Capacity																					
1.	Secured landfill site	1,65,400 MT Cell-1 (Closed) 3,12,960 MT Cell 2& 5 (Partially Closed) 1,65,689 MT Cell-3 (Operation) 1,75,385 MT Cell-4 (Operation) 2,61,312 MT Cell-6 (Operation)																					
2.	Multiple Effect Evaporator (MEE)	200 KLD																					
3.	De-Contaminated & De-toxified packing material (drum, carboy, liners etc.)	2,10,240 Nos/Year																					
4.	De-contaminated & Detoxification of tankers	36,000 Nos/Yr																					
5.	Incineration Facility	12 Million Kcal/Hr																					
04	Year of establishment	2015																					
05	Date of the last Environmental Statement submitted	22.06.2022																					

PART – B

Water and Raw material Consumption

01. Water consumption m³/day

01	Water Consumption		141.56 m ³ /day		
02	Process		16.57 m ³ /day		
03	Domestic		106.42 m ³ /day		
04	Biodegradable		18.56 m ³ /day		
Sr. No.	Name of Products (*)			Process Water Consumption per unit of product output	
	S r. N o.	Facility	Actual Qty. during the year 2022-23	During the previous financial year	During the current financial year
				Note: There is no manufacturing activity as this is a TSDF Facility	
	1.	Secured landfill site	2,27,519.720 MT (received)		
	2.	MEE	46,779 MT		
	3.	De- Contaminated & Disposal system	73,822 Nos.		
	4.	De- contaminated & Detoxification of tankers	--		
5.	Incineration	3,072.43 MT (Incinerate)			
(*) Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw material used.					

02 Raw Material Consumption

Sr. No.	Name of Products (*)	Consumption of raw material (in Kgs)	
		During the previous financial year	During the current financial year
1.	(Common secured Landfill Facility & Common Incinerator Facility)	Fly Ash: 1,01,94,000 Cement: 95,43,000	Fly Ash: 61,98,490 Cement: 85,12,900 Lime: 7,09,514 Caustic: 2,80,440

It is a TSDF Facility (Common Secured Landfill & Incineration Facility)

PART - C

Pollution discharged to environment / unit of output
(Parameters as specified in the Consent issued)

Sr. No.	Pollution	Quantity of pollutants discharged (Mass/day)	Concentrations of pollutants in discharges (mass / volume)	Percentage of variation from prescribed Standards with reasons	
A	Water	BEIL, Dahej is ZLD unit, the leachate generated is being treated in MEE and MEE condensate is treated in ETP (MAP+ RO). The permeate is used within the premises.			
B	Air	Incinerator stack			
		PM	6.82 Kg/day	47.97 mg/m ³	-4.06%
		HCl	11.46 Kg/day	8.03 mg/m ³	-83.94%
		SO ₂	46.67 Kg/day	32.68 mg/m ³	-83.66%
		NO _x (NO and NO ₂)	119.82 Kg/day	83.89 mg/m ³	-79.02%
		CO	6.82 Kg/day	47.97 mg/m ³	-4.06%
		Spray dryer stack			
		PM	23.58 Kg/day	51.97 mg/m ³	-65.35%
		Stabilization scrubber stack			
		PM	1.90 Kg/day	6.24 mg/m ³	-95.84%
		HCL	-	Not detectable	-
		*Detection Limit: PM : 10 mg/Nm ³ , HCl :0.2 mg/Nm ³ , Cl ₂ :0.2 mg/Nm ³			
		Drum Decontamination scrubber stack:			
		PM, HCL & Cl ₂ were below detection limit.			
		*Detection Limit: HCl :0.2 mg/Nm ³ , Cl ₂ :0.2 mg/Nm ³			

Part – D
Hazardous Waste

(As specified under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.)

Hazardous Wastes		Total Quantity (MT)	
		During the previous financial year 2021-22	During the current financial year 2022-23
A	From Process	(*)	(*)
	From pollution control facilities (generation)	8,749.66 MT MEE salt & ETP Sludge 8297.40 KL of leachate water generated from landfilling treated in MEE plant 31,399 KL Condensate generated from MEE and treated in ETP plant 0.062 KLPA Used Oil generated	6,039.66 MT MEE salt & ETP Sludge 7772.20 KL of leachate water generated from landfilling treated in MEE plant 26,518 KL Condensate generated from MEE and treated in ETP plant 2.975 MT Residue generated from drum- decontamination plant 0.038 KLPA Used Oil generated 798.97 MT Qty Ash generated from Combustion chamber 1621.96 MT from scrubber (Lime Ash)
B	Quantity re-cycled or re-utilized within the unit	25,570 KL RO Permeate generated and reused in gardening and other industrial activities	20,940 KL RO Permeate generated and reused in gardening and other industrial activities 1621.96 MT of Lime ash generated from incinerator used for pre-treatment (stabilization) of Landfill waste.
	Total quantity disposed of for landfill	Received- 2,47,659.64 MT Disposed- 2,32,141.16 MT	Received- 2,27,519.72 MT Disposed- 2,43,002.19 MT
	Total quantity incinerated	NIL	3,072.49 MT
(*)	This being a TSDF Facility (Common Secured Landfill Facility), different types of wastes permitted by GPCB, are collected from member industries, and disposed at the landfill site as per CPCB guideline. Please see the attached Table for quantity disposed at the site.		

Part – E
Solid Waste

Hazardous Wastes		Total Quantity (MT)	
		During the previous financial year 2021-22	During the current financial year 2022-23
a	From Process	(*)	(*)
b	From pollution control facilities (MEE salt & ETP Sludge)		
(*)	This being a TSDF Facility (Common Secured Landfill Facility), different types of wastes permitted by GPCB, are collected from member industries, and disposed at the landfill site as per CPCB guideline. Please see the attached Table for quantity disposed at the site.		

Part – F

Please specify the characteristics (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

BEIL is receiving accepted types of wastes for secured landfilling. If waste is not meeting criteria for direct landfilling, necessary treatment like neutralization / stabilization etc. are given. Leachate generated is treated at in-house MEE followed by Spray Dryer.

Part – G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

The Company has implemented Environmental Management System Standards ISO 14001:2015 & ISO 45001:2018 and helped in improving overall environmental condition and Safety of the unit.

This being a TSDF Facility (Common Secured Landfill Facility), & Common Incinerator Facility), there is no processing activity. We are collecting solid / hazardous wastes from our members and treating & disposing off. We are drawing samples from every truck coming to our site and a Quick Analysis is done for pH, Moisture Content and Organic Content, Paint Filter Liquid Test etc. Also, we are verifying whether waste is uniform and is not having any obnoxious smell. Also, detailed analysis of solid / hazardous waste samples is done at the laboratory. During monsoon period, the site is kept covered. We have also provided a storage facility for keeping the solid / hazardous wastes collected during monsoon. Leachate generated from the landfill is treated in in-house MEE at BEIL Dahej.

Landfill Site (Cell-I): - Capped

Landfill Site (Cell II & V): - Partially capped

Landfill Site (Cell III & Cell IV): - Under Operation

Landfill Site (Cell VI): - Operational

BEIL has installed multiple effect evaporation system (MEE), which is energy efficient compared to other evaporation system. We have Received CCA on 16.12.2017 and it is in operation.

BEIL Infrastructure Limited have installed one incinerator with capacity of 12 million K cal/Hr along with Heat recovery system. Generated steam is being utilized in Multi Effect Evaporation system (MEE). The system provided consists of Rotary kiln, Secondary Combustion Chamber, WHRB, Spray dryer adsorber (SDA), Bag Filter, Wet Scrubber, ID Fan, Chimney & Continuous Monitoring System.

We have installed solar panels above capped portion of landfill. We have generated 2,83,200 kWh unit during the year 2022-23.

Part – H

Addition measures / investment proposal for environmental protection including abatement of pollution, prevention of pollution.

- GPCB XGN Online manifest system implemented for all industries.
- Laboratory at BEIL is NABL accredited.
- BEIL is also going for recognition of MoEF for Laboratory.
- Total investment for environmental protection including abatement of pollution, prevention of pollution is rupees 1,20,19,262 during the year 2022-2023. Details are as following:
 - ✓ Tarpaulin covering with LDPE sheet.
 - ✓ In Bag House of MEE plant damaged Bega had been replaced.
 - ✓ Installation and maintenance work related to CEMS

Part – I

Any other particulars for improving the quality of the environment.

- 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.
- The design of secured landfill is done under the guidance of IIT, New Delhi. After construction of each cell, inspection is done by Professor from IITD.
- Lot of NGOs, community members, journalists, students, and industrialists are visiting BEIL and appreciating the operations. BEIL is exhibiting various details in front of the landfill. All the visitors are welcome.
- BEIL is maintaining a proper Manifest system as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. This helps in keeping proper records.
- Laboratory has been augmented. Laboratory got recognition of NABL.
- Green belt is developed around the periphery.
- We have installed solar panels above capped portion of landfill. We have generated 2,83,200 kWh unit during the year 2022-23.

For, **BEIL Infrastructure Limited, Dahej**


Authorized Signatory



**BEIL INFRASTRUCTURE LTD
DAHEJ**

LANDFILLING DETAILS

**Quantity of solid / hazardous waste received and disposed off
During April- 2022 to March – 2023**

Opening Stock- 15,482.477 MT

Sr No	Month	Received Quantity	Disposed Quantity
All quantity in MT			
1	April- 2022	32597.718	48080.195
2	May- 2022	24258.750	24258.750
3	June -2022	12059.920	5927.090
4	July -2022	9330.585	0
5	August -2022	11025.050	0
6	September -2022	11664.700	0
7	October -2022	16560.192	17,010.190
8	November-2022	27587.551	52,587.550
9	December -2022	22168.832	33,168.830
10	January- 2023	21778.950	23278.950
11	February- 2023	21486.730	21689.890
12	March - 2023	17000.740	17000.740
TOTAL		2,27,519.720	2,43,002.190

Closing Stock- NIL

BEIL INFRASTRUCTURE LTD. DAHEJ

**Decontamination & detoxify facility
During April- 2022 to March – 2023**

Opening Stock- 1,810 Nos.

Month	No. of Drums Received	No. of Drums Decontaminated	No. of Drums dispatches
April- 2022	5307	4772	4559
May- 2022	5371	4708	4254
June -2022	6780	7595	7768
July -2022	8219	8515	8269
August -2022	7049	7124	7301
September -2022	3798	5172	5077
October -2022	3134	2676	2527
November-2022	6718	5279	5383
December -2022	9753	10251	9606
January- 2023	6638	7231	7231
February- 2023	6203	5194	5194
March - 2023	6627	5305	5309
Total	75,597	73,822	72,478

Closing Stock- 4,929 Nos.

WASTE GENERATION DETAILS

Cat.:34.1- Residue generated from Drum- decontamination plant
During April- 2022 to March – 2023

Month	Residue Generation (MT)
April- 2022	0
May- 2022	0
June -2022	0
July -2022	0
August -2022	0
September -2022	0.30
October -2022	0.35
November-2022	0.45
December -2022	0.75
January- 2023	0.43
February- 2023	0.38
March - 2023	0.31
Total	2.97

**BEIL INFRASTRUCTURE LTD
DAHEJ**

**Wastewater generated from Landfill (Leachate) sent to
MEE at BEIL, Dahej during April- 2022 to March – 2023**

Month	Generated Leachate from land filling Treated in in-house MEE (KL)
April- 2021	648.90
May- 2021	667.20
June -2021	645.40
July -2021	666.50
August -2021	661.70
September -2021	636.00
October -2021	657.20
November-2021	636.00
December -2021	656.70
January- 2022	654.10
February- 2022	590.80
March - 2022	651.70
Total	7772.20

WASTE GENERATION AND DISPOSED DETAILS
MEE Salts & Chemical Sludge from wastewater treatment (MEE plant)

Month	Generation of MEE Salts	Generation of chemical Sludge
April- 2021	627	44.8
May- 2021	553	42.98
June -2021	550	43.1
July -2021	494	43
August -2021	408	43.88
September -2021	473.47	41.26
October -2021	332.66	60.56
November-2021	425.23	23.24
December -2021	515.63	45.88
January- 2022	420.69	56.04
February- 2022	288.82	42.46
March - 2022	425.87	38.03
Total	5514.43	525.23

WASTE GENERATION AND DISPOSED DETAILS
Ash from incinerator

Month	Generation	
	Burnt Ash	Lime Ash
August- 2022	--	--
September- 2022	--	--
October- 2022	70.130	105.230
November-2021	290.350	421.504
December -2021	116.490	304.082
January- 2022	97.150	439.600
February- 2022	106.150	232.520
March - 2022	118.700	119.030
Total	798.97	1,621.966

Note: Generated Ash is disposed of immediately in the Common Secured Landfill Facility after checking its quality as per the acceptance criteria and there is no storage facility. Lime ash is used for stabilization of Landfill waste.

WASTE GENERATION AND DISPOSED DETAILS
Cat.: 5.1 – Used / spent Oil

Month	Opening stock	Generation	Disposed	Closing Stock
All quantity in litres				
Apr-22	324	0		324
May-22	324	3		327
Jun-22	327	0		327
Jul-22	327	0		327
Aug-22	327	5		332
Sep-22	332	0		332
Oct-22	332	5	337	0
Nov-22	0	0		0
Dec-22	0	0		0
Jan-23	0	5		5
Feb-23	5	10		15
Mar-23	15	10		25
Total		38		

INCINERATION DETAILS

QUANTITY OF INCINERABLE WASTE RECEIVED AND DISPOSED OFF
DURING APRIL- 2022 TO MARCH- 2023

Opening Stock- NIL

Month	Waste Received (MT)	Waste Incinerated (MT)
April- 2022	--	--
May- 2022	--	--
June -2022	--	--
July -2022	--	--
August- 2022	75.87	--
September- 2022	378.13	11.75
October- 2022	1816.59	201.12
November-2022	1589.22	403.59
December -2022	889.38	502.26
January- 2023	778.92	773.38
February- 2023	583.21	545.63
March - 2023	594.20	634.76
Total	6,705.52	3,072.49
Closing stock - 3633.03 MT		

Note: Incinerator plant trial run taken in the month of September'22 and October'22 and operation started in the month of November'22.

Environment Clearance to BEIL-Dahej for installation of Two Incinerator and capacity enhancement of Landfill at Existing CHWTSDF

Sr. No.	Address	Sign
1.	The Sarpanch -Dahej	
1.1.	The sarpanch -vadia. } M. No. 9879386326	સરપંચ G.A ગામ પંચાયત તા. વાગરા, જી. ભરૂચ 16/01/19
2.	The Sarpanch -Vav Thakorbhai M. No. 9879386326	સરપંચ ગામ પંચાયત - વાવ તા. વાગરા, જી. ભરૂચ 19/01/19
3.	The Sarpanch -Vadadla Elumibhai Dhanraj Desai M. No. 9723333532	ડી. એચ. ડેસાઈ 19/01/19
4.	The Sarpanch -Lakhigam	સરપંચ 16/01/19
5.	The Sarpanch -Jolva Pargalopi Jagdish. S.	JSH 9737457272 17/01/19
6.	The Sarpanch -Jageshwar Jethi	
7.	The Sarpanch -Rahid TEM	TEM તા. વાગરા, જી. ભરૂચ 17/01/19
8.	Mr. Yogesh P. Pandya Safety Health and Environment Association- Bharuch	17/01/19

Environment Clearance to BEIL-Dahej for installation of Two Incinerator and capacity enhancement of Landfill at Existing CHWTSDF

9.	Bharuch Nagar palika- Civil Road	Despatch Clerk Bharuch Nagarpalika Bharuch. 17-1-19
10.	Notified Area Office, Dahej	DIA 16/01/19 INDUSTRIES ASSOCIATION DAHEJ
11.	Collector District Collector Office, Bharuch.	20/1/19 આવક કારકુન કલેક્ટર કચેરી
12.	Dr. Naresh Ghadhvi- Dahej	19/01/19 Dr. Naresh Ghadhvi M.E.B.S. A.F.I.H. Health Consultant Reg. No. G-20
13.	The Sarpanch - Surq Ganpatbhai M. NO. 9825021259	સરપંચ ગામ પંચાયત તા. વાગરા, જી. ભરૂચ 19/01/19

14 The Sarpanch - Luvaka.

સરપંચ
ગામ પંચાયત - લુવાકા
તા. વાગરા, જી. ભરૂચ
16/01/19

15 The Sarpanch - Ambetha

16 The Sarpanch - Atali


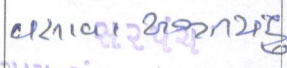
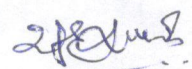
સરપંચ
ગામ પંચાયત - આટાલી
તા. વાગરા, જી. ભરૂચ
17/01/19

17 The Sarpanch - Blesli
(P. J. Patel)

સરપંચ
ગામ પંચાયત - બ્લેસ્લી
તા. વાગરા, જી. ભરૂચ
17/01/19

ISO 9001 : 2015 - CERTIFIED
Dr. Naresh Ghadhvi
M.E.B.S. A.F.I.H.
Health Consultant
Reg. No. G-20
Industrial Health Complex, 1300 Road.

Environment Clearance to BEIL-Dahej for installation of Two Incinerator and capacity enhancement
of Landfill at Existing CHWTSDF

Sr. No.	Address	Sign
18	The Sarpanch - Panyadara (Ranjitbhai) M.No. 8128177527	 ગામ પંચાયત - પાણ્યાદરા તા. વાગરા, જી. ભરૂચ. 18/01/2019
19	The Sarpanch - Padaria (Ajitbhai Chandubhai Vasava) M.No. 9913694250	 ગામ પંચાયત - પાદરીયા તા. વાગરા, જી. ભરૂચ. 18/01/2019
20	The Sarpanch - Kadodara (Akvindhbai) M.No. 9998821712 / 8141204301	 Rajibhai Parmar ગામ પંચાયત - કાદોદરા તા. વાગરા, જી. ભરૂચ. 18/01/2019
	The Sarpanch -	18/01/2019
	The Sarpanch -	
	The Sarpanch -	