



o/c

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

Ref.: BEIL/DHJ/2025-26/45

Date: 21.11.2025

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 EC compliance status of Environmental clearance for facilities at Dahej by M/s.BEIL Infrastructure Limited for the period April'2025 to September'2025.

- 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.
 3. Environmental Clearance F.No.10-43/2016-IA-III dated 09th November 2023 for capacity enhancement of SLF 19 lakh Mt to 42.86 lakh MT in existing common hazardous waste Treatment, Storage, Disposal facilities (TSDF).

Dear Sir,

BEIL is operating a TSDF facility consisting of a Secured Landfill Facility, Drum Decontamination Facility, Multi Effect Evaporator (MEE) followed by spray dryer, Pre-processing Facility & Common Incineration Facility located at Plot No. D-43, Dahej Industrial Estate, Tal. Vagra, Dist. Bharuch, Gujarat is an ISO 14001:2015 and ISO 45001:2018 certified unit.

We are submitting here with the half yearly Compliance status report of all the above-mentioned Environment Clearances for period April'2025 to September'2025. 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, the Incinerator plant is installed and started from October-2022. We obtained the CTE-136912 for the landfill capacity enhancement from 19 lakh MT to 42.86 lakh MT and also started the construction activity.

Landfillable Hazardous waste details are as below:

Landfillable Waste received (During 01.04.2025 to 30.09.2025)	1,04,650.665 MT
Cumulative quantity disposed in landfill from the beginning (up to 30.09.2025)	18,24,424.358 MT

CIN NO. U45300GJ1997PLC032696

Works Office : Plot No. D-43, Dahej Amod Road, GIDC Estate, Dahej, T. Vagra - 392 130, Dist. Bharuch (Gujarat)
Phone : (02641) 291129, E-mail : mistryrg@beil.co.in
Regd. Office : Plot No. 9701-16, GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)
Phones (02646) 253135, 225228 Fax : (02642) 222849 E-mail : dajwadibd@beil.co.in



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

Incinerable waste details are as follows:

Period	Incinerable Waste Receipt Quantity	Incinerated Waste Quantity
During 01.04.2025 to 30.09.2025	12,643.528 MT	8,501.413 MT
Cumulative up to 30.09.2025	48,546.790 MT	40,473.618 MT

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

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

Bhavik 29/11/25
Post Received
Gujarat Pollution Control Board
BHARUCH.



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Bhavik 29/11/25
Post Received
Gujarat Pollution Control Board
BHARUCH.

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 April'25 to September'25.

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.	Noted.

	At P.J. Chheda JantaVidyalay, Dahej, Tal. Vagra, Dist. Bharuch	
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 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.	Noted

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.	Complied. Ground water table at the project site has been ascertained through the GWRDC before initiating construction of secured landfill site. The depth of the secured land fill site has been decided based on the ground water level at the site and bottom of the secured landfill site, which is 7.5 (> 2 m as per the landfill criteria) meter above the ground water table. Report of GWRDC is attached as Annexure -1 .
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	Complied. 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 landfill site are approved by IIT, Delhi. Drawings approved by IIT Delhi are attached as Annexure -2 .

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.	Complied. 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 is attached as Annexure -3 .
4	The proponent shall ensure that the transportation of the Hazardous wastes to the TSDF conforms to the norms laid down in the Hazardous Wastes (Management, Handling, and Transboundary Movement) Rules 2008	Complied. We have ensured that the transportation of the hazardous wastes to the TSDF conforms to the norms laid down in the hazardous and other waste (Management and Trans boundary Movement) rules 2016 and its subsequent amendments i.e. licensed and trained drivers, close and hydraulic dumpers, GPS enabled dumpers etc. Total Approved 493 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. If the waste is not meeting the direct disposal criteria, necessary treatment like Stabilization/ Solidification is done before disposal. 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 who have valid CC&A obtained from GPCB only accepted. At present we have 1602 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 internally (internal locations) and by third party (internal and surrounding the premises) every month.																																																												
		Soil analysis including TCLP test is done pre and post monsoon and locations are within the premises .																																																												
		The monitoring results of ground water conducted by third party are attached as ANNEXURE 5 & soil conducted by third party are attached as Annexure -5b .																																																												
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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	<p>Complied.</p> <p>We have constructed Cell-1, Cell-2 & Cell-5, Cell-3, Cell-4, Cell-6, Cell-7, Cell-8, Cell-9, Cell-10, Cell-11, Cell-12 & Cell-13 under IIT, Delhi's guidance. A third-party assessment on the 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.</p> <p>Also, Expert from IIT, Delhi, visit, the site and give us their report. These reports are submitted to GPCB.</p> <p>Auditor's recommendation & compliance submitted to GPCB are enclosed as Annexure -6.</p>																																					
0A.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>As per CCA renewal AWH-142889 Freshwater requirement is 986 KLD.</p> <p>Total water consumption in the last 6 months is <u>25268</u> KL and per day is @ 138.08 KLD which is well within the limit. 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>April-2025</td> <td>3902</td> <td>130.06</td> </tr> <tr> <td>2</td> <td>May-2025</td> <td>3864</td> <td>124.65</td> </tr> <tr> <td>3</td> <td>June-2025</td> <td>4952</td> <td>165.07</td> </tr> <tr> <td>4</td> <td>July-2025</td> <td>3537</td> <td>114.096</td> </tr> <tr> <td>5</td> <td>August-2025</td> <td>3888</td> <td>125.42</td> </tr> <tr> <td>6</td> <td>September-2025</td> <td>5125</td> <td>170.83</td> </tr> <tr> <td colspan="2">Average</td> <td>4211</td> <td>138.08</td> </tr> </tbody> </table>						Sr. No	Month	Water Consumption (KL/month)	Average (KLD)	1	April-2025	3902	130.06	2	May-2025	3864	124.65	3	June-2025	4952	165.07	4	July-2025	3537	114.096	5	August-2025	3888	125.42	6	September-2025	5125	170.83	Average		4211	138.08
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11	<p>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>	<p>Complied.</p> <p>Leachate collection system is provided to collect the leachates at collection points.</p> <p>There is total 7 no. of leachate collection wells in the landfill & one in the 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 (April'25- September 25), Average Leachate treated in MEE, is 35.49 KLD. Summary of the same as below.</p> <table border="1" data-bbox="740 579 1446 984"> <thead> <tr> <th>Sr. No</th> <th>Month</th> <th>Leachate Treated in MEE (KL/ month)</th> <th>Average (KLD)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>April-2025</td> <td>704.8</td> <td>23.49</td> </tr> <tr> <td>2</td> <td>May-2025</td> <td>1001.6</td> <td>32.31</td> </tr> <tr> <td>3</td> <td>June-2025</td> <td>2218.78</td> <td>73.96</td> </tr> <tr> <td>4</td> <td>July-2025</td> <td>343.126</td> <td>11.07</td> </tr> <tr> <td>5</td> <td>August-2025</td> <td>880</td> <td>28.39</td> </tr> <tr> <td>6</td> <td>September-2025</td> <td>1346</td> <td>44.87</td> </tr> <tr> <td></td> <td>Average</td> <td>1082.39</td> <td>35.49 KLD</td> </tr> </tbody> </table>	Sr. No	Month	Leachate Treated in MEE (KL/ month)	Average (KLD)	1	April-2025	704.8	23.49	2	May-2025	1001.6	32.31	3	June-2025	2218.78	73.96	4	July-2025	343.126	11.07	5	August-2025	880	28.39	6	September-2025	1346	44.87		Average	1082.39	35.49 KLD
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12	<p>BEIL shall explore the possibilities for reuse of condensate water generated from MEE plant for landfill construction gardening and domestic purpose within the BEIL</p>	<p>Complied.</p> <p>Condensate water generated from MEE plant is being treated in the Effluent treatment plant following RO plant as tertiary treatment, then it is utilized for green belt and other industrial purposes within premises.</p>																																
13	<p>Domestic wastewater and condensate water from the MEE shall be disposed-off as per the norms to be laid down by the GPCB</p>	<p>Complied.</p> <p>Domestic wastewater & condensate water is being treated in the Effluent treatment plant following RO plant and then it is used for green belt and other industrial purpose.</p>																																
14	<p>Enough care shall be taken to prevent any leakages/accidental spillages during conveyance of the effluent from the member units to the MEE</p>	<p>Complied.</p> <p>Enough care is being taken to prevent leakages/accidental spillages during conveyance of the effluent from the member units to the MEE.</p>																																
15	<p>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</p>	<p>Complied.</p> <p>Separate electricity meter is provided at the MEE. A operation logbook of the MEE containing required records is maintained. Leachate quality data are submitted in Environment Audit</p>																																

	from the member units, energy consumption etc. Shall be maintained and furnished to the GPCB from time to time.	Reports to GPCB RO and GPCB HO, Quarterly CPCB Protocol and it is submitted to CPCB on Quarterly basis.																																	
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 maintenance of MEE plant.																																	
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. As per our requirement, we have installed 4 DG sets, 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 Amendment AWH – 120147 received on 01.08.2022, We are using Coal / Solid Fuel as fuel for boiler 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 amendment AWH-120793 dated the permission for Diesel consumption is 0.139 KL/hr. i.e. 100 KL/Month. During (April'25-September'25) , Average HSD consumption is @ 7.12 KL/Month. Summary of the same as below. <table border="1"> <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>April-2025</td> <td>1.85 KL</td> </tr> <tr> <td>2</td> <td>May-2025</td> <td>9.61 KL</td> </tr> <tr> <td>3</td> <td>June-2025</td> <td>19.62 KL</td> </tr> <tr> <td>4</td> <td>July-2025</td> <td>12.415 KL</td> </tr> <tr> <td>5</td> <td>August-2025</td> <td>15.17 KL</td> </tr> <tr> <td>6</td> <td>September-2025</td> <td>4.05 KL</td> </tr> <tr> <td colspan="2">Total</td> <td>42.715 KL</td> </tr> <tr> <td colspan="2">Average/Month (KL/Month)</td> <td>7.12 KL/Month</td> </tr> <tr> <td colspan="2">Average/Day (KL/Day)</td> <td>0.397 KL/Day</td> </tr> <tr> <td colspan="2">Average/hr. (KL/hr)</td> <td>0.0165 KL/hr</td> </tr> </tbody> </table>	Sr. No	Month	Total Consumption of HSD (KL/Month)	1	April-2025	1.85 KL	2	May-2025	9.61 KL	3	June-2025	19.62 KL	4	July-2025	12.415 KL	5	August-2025	15.17 KL	6	September-2025	4.05 KL	Total		42.715 KL	Average/Month (KL/Month)		7.12 KL/Month	Average/Day (KL/Day)		0.397 KL/Day	Average/hr. (KL/hr)		0.0165 KL/hr
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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 (April'25 to Sept'25),

Sr. No.	Parameter	Permissible Limit	Min.	Max.	Avg.
1	SPM (mg/Nm ³)	150	40.97	44.51	42.78
2	SO ₂ (ppm)	100	5.82	8.15	7.02
3	NOx (ppm)	50	9.88	15.32	12.81

Summary Table: Boiler Stack Analysis (April'25 to Sept'25),

Sr. No	Parameter	Permissible Limit	Min.	Max.	Avg.
1	SPM (mg/Nm)	150	48.65	56.56	52.32
2	SO ₂ (ppm)	100	2.69	4.06	3.46
3	NOx (ppm)	50	5.19	7.18	6.00

21	Project proponents 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 -08. AQI at our site is Satisfactory range.</p> <p>Table: Ambient Air (April'25 to Sept'25),</p> <table border="1" data-bbox="721 575 1464 1251"> <thead> <tr> <th>S r. 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>60.44</td> <td>80.9</td> <td>65.59</td> </tr> <tr> <td>2</td> <td>PM_{2.5}</td> <td>µg/m³</td> <td>60</td> <td>27.04</td> <td>31.07</td> <td>28.15</td> </tr> <tr> <td>3</td> <td>Sulphur Dioxide</td> <td>µg/m³</td> <td>80</td> <td>7.17</td> <td>8.93</td> <td>8.00</td> </tr> <tr> <td>4</td> <td>Nitrogen Dioxide</td> <td>µg/m³</td> <td>80</td> <td>20.2</td> <td>21.57</td> <td>20.69</td> </tr> <tr> <td>5</td> <td>Ammonia (NH₃)</td> <td>µg/m³</td> <td>400</td> <td>3.36</td> <td>4.33</td> <td>3.65</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/CP CB Permissible Limit	Min	Max	Avg	1	RSPM (PM ₁₀)	µg/m ³	100	60.44	80.9	65.59	2	PM _{2.5}	µg/m ³	60	27.04	31.07	28.15	3	Sulphur Dioxide	µg/m ³	80	7.17	8.93	8.00	4	Nitrogen Dioxide	µg/m ³	80	20.2	21.57	20.69	5	Ammonia (NH ₃)	µg/m ³	400	3.36	4.33	3.65	6	Lead as Pb	µg/m ³	ND	ND	ND	ND	7	Nickel as Ni	ng/m ³	ND	ND	ND	ND	8	Arsenic as As	ng/m ³	ND	ND	ND	ND
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22	All transporting routes within the premises shall have roads to minimize fugitive emission	<p>Complied.</p> <p>All transporting routes within the premises have concrete roads to minimize fugitive emission. Proper housekeeping is being carried out in the plant on daily basis, Vehicle tyre washing facilities are provided.</p>																																																															
A.3 SOLID / HAZARDOUS WASTES:																																																																	
23	The proponent shall ensure that the TSDF fulfils all the provisions of Hazardous Wastes (Management, Handling and Transboundary Movement) Rules 2008 and the design and the construction of secured landfill site is as per the guidelines of CPCB with proper leachate collection arrangement.	<p>Complied.</p> <p>We are following all the provisions of Hazardous and Other Wastes (Management and Tran's boundary Movement), Rules 2016 and its subsequent amendments. The design and the construction of secured landfill site is as per the guidelines of CPCB with proper leachate collection arrangement. Drawings are approved by IIT, Delhi.</p> <p>IIT certificate is attached as Annexure -02.</p> <p>Summary of CPCB guidelines are attached as Annexure -03.</p>																																																															

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) except 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 the main operation site covered by tarpaulin with a separate storm water collection system during monsoon period. We have submitted Monsoon Planning to the Regional Office, GPCB on 27.05.2025. Same is attached as Annexure -09 .																					
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 (April'25 to September'25) a total of 1988.713 MT of MEE salt was disposed of 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. (April'25 to September'25):																					
		<table border="1"> <thead> <tr> <th>Month</th> <th>DRUM RECEIPT</th> <th>DRUM DECONTAMINATED</th> </tr> </thead> <tbody> <tr> <td>April-2025</td> <td>6519</td> <td>6249</td> </tr> <tr> <td>May-2025</td> <td>11275</td> <td>10202</td> </tr> <tr> <td>June-2025</td> <td>8142</td> <td>9081</td> </tr> <tr> <td>July-2025</td> <td>10580</td> <td>10345</td> </tr> <tr> <td>August-2025</td> <td>7846</td> <td>9548</td> </tr> <tr> <td>September-2025</td> <td>13659</td> <td>11821</td> </tr> </tbody> </table>	Month	DRUM RECEIPT	DRUM DECONTAMINATED	April-2025	6519	6249	May-2025	11275	10202	June-2025	8142	9081	July-2025	10580	10345	August-2025	7846	9548	September-2025	13659	11821
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29	Used oil shall be sold only to the registered recyclers.	<p>Complied.</p> <p>We sell used oil only to registered recyclers or reused within premises as lubricant as per CCA. The details for the period April'25- September' 25 is as below:</p> <table border="1" data-bbox="721 396 1466 1041"> <thead> <tr> <th>Month</th> <th>Opening Stock</th> <th>Generation (lit)</th> <th>Reused as lubricant in plant premises(lit)</th> <th>Closing Stock</th> </tr> </thead> <tbody> <tr> <td>April-2025</td> <td>186</td> <td>5</td> <td>0</td> <td>191</td> </tr> <tr> <td>May-2025</td> <td>191</td> <td>10</td> <td>0</td> <td>201</td> </tr> <tr> <td>June-2025</td> <td>201</td> <td>0</td> <td>50</td> <td>151</td> </tr> <tr> <td>July-2025</td> <td>151</td> <td>0</td> <td>30</td> <td>121</td> </tr> <tr> <td>Aug-2025</td> <td>131</td> <td>10</td> <td>0</td> <td>131</td> </tr> <tr> <td>Sept-2025</td> <td>121</td> <td>10</td> <td>20</td> <td>121</td> </tr> <tr> <td>Total</td> <td></td> <td>35</td> <td>100</td> <td></td> </tr> </tbody> </table>	Month	Opening Stock	Generation (lit)	Reused as lubricant in plant premises(lit)	Closing Stock	April-2025	186	5	0	191	May-2025	191	10	0	201	June-2025	201	0	50	151	July-2025	151	0	30	121	Aug-2025	131	10	0	131	Sept-2025	121	10	20	121	Total		35	100	
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A.4 SAFETY:																																										
30	All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of hazardous wastes.	<p>Complied.</p> <p>We are taking all necessary precautionary measures to avoid any kind of accident during storage and handling of hazardous waste. Fire hydrants system (storage capacity 1100 KL), fire extinguishers are provided. Adequate PPEs are being provided to all the workers and employees, work permits are issued before starting any hot work and being closed after completing the work, an on-site emergency plan is also there which is updated on a yearly basis. We are carrying out mock drills regularly.</p> <p>Please refer Annexure-10</p> <ul style="list-style-type: none"> A) Ack copy of covering letter 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.	<p>Complied.</p> <p>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. Suitable PPEs are provided to workman during handling of any kind of waste.</p>																																								

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 Transboundary movement) rules 2016 i.e., licensed, and trained drivers, close and hydraulic dumpers, GPS enabled dumpers etc. Total Approved 493 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. We have provided Dyke wall system surrounding all Storage tanks.
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 employees are covered and maintain a record of personnel covered in each training. Please refer Annexure-11: A) Training calendar for 2025-26 B) Training attendance sheets (April'2025-September'2025)
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. Pre-employment checkups are being carried out at time of employment and periodical medical checkups are carried out regularly. BCA test of the workers are being done on every two-month, 3-month hemoglobin test and 6-month full body check-up and record for the same are maintained.
38	Project proponent shall prepare and implement an On-Site Emergency	Complied.

	<p>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>We've prepared and Implemented Onsite Emergency Plan and Disaster Management Plan. On-site emergency plan & disaster management plan is attached as Annexure -10. Fire hydrants system (Existing storage capacity 1100 KL), fire extinguishers are provided.</p>
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A.5 NOISE:

<p>39</p>	<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. We ensure to keep noise levels in and around the premises within the standard limit by providing noise control measures according to its requirement. We monitor noise levels monthly by third party and internally at all locations, which are well within the limit. Reports are attached as Annexure -12. Summary Table: Noise (Day Time) (April'25 to Sept'25)</p> <table border="1" data-bbox="719 1150 1464 1923"> <thead> <tr> <th>Sr. No</th> <th>Place</th> <th>Permissible Limit (dB)</th> <th>Min</th> <th>Max.</th> <th>Avg.</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Near Main Gate (dB)</td> <td>75</td> <td>60</td> <td>66</td> <td>62.76</td> </tr> <tr> <td>2</td> <td>Behind ADM Building (dB)</td> <td>75</td> <td>56</td> <td>64</td> <td>60.2</td> </tr> <tr> <td>3</td> <td>Near EB 1 Borewell (dB)</td> <td>75</td> <td>59.6</td> <td>63</td> <td>61.43</td> </tr> <tr> <td>4</td> <td>Nr. Monsoon Shed</td> <td>75</td> <td>56</td> <td>61</td> <td>58.66</td> </tr> <tr> <td>5</td> <td>B/H Landfill cell 6</td> <td>75</td> <td>57</td> <td>62</td> <td>59.23</td> </tr> </tbody> </table>	Sr. No	Place	Permissible Limit (dB)	Min	Max.	Avg.	1	Near Main Gate (dB)	75	60	66	62.76	2	Behind ADM Building (dB)	75	56	64	60.2	3	Near EB 1 Borewell (dB)	75	59.6	63	61.43	4	Nr. Monsoon Shed	75	56	61	58.66	5	B/H Landfill cell 6	75	57	62	59.23
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		6	Nr. Drum shed area	75	70	72	71
		7	Opp. Khetan Ind	75	58	62	59
		8	Nr. Stab plant	75	59.2	65	62.2
		9	Nr D.G Set	75	70	73	71.83
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 and complied.</p> <p>We are developing green belt around the periphery; we have also taken land for afforestation of 80937.1 Sq meter in Dahej village.</p> <p>A 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</p>					

		<p>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>
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OTHER CONDITIONS:

Sr. No.	Description	Status
42	Project Proponent shall obtain necessary Authorization/ Consents from the Gujarat Pollution Control Board	Complied. We have received CCA renewal AWH-142889 dated 14.05.2025 and it is valid up to 17.04.2030.
43	A separate Environment Management Cell equipped with full-fledged testing laboratory facilities shall be set up to carry out the environment Management and Monitoring Functions	Complied. A full-fledged laboratory, well-qualified and experienced staff is appointed in the environment cell. The details are as given below: Environment Cell at Site: <ol style="list-style-type: none"> 1. Mr. Manoj Patel: Sr. Vice President – Project (BE Civil) 2. Mr. Atul Agrawal: Vice President (B.E. Mechanical and Post Diploma in Environmental Technology) 3. Ms. Rakshita Vyas: GM– Environment (M.Sc. Env. Science) 4. Mr. Narendra Patel: Head, Environment Laboratory (M.Sc. in organic chemistry) Corporate Environment Cell: <ol style="list-style-type: none"> 5. 1. Mr. B.D. Dalwadi - CEO - (BE – Chemical) 6. 2. Dr. P N Parameswaran: Advisor – Environment
44	In the event of de-functioning of MEE receipt of effluent from member units shall be immediately stopped and they shall be intimated about the same. Effluent from the member units shall not be received	Complied. As and when the situation arises, we ensure to stop receiving effluent from member units immediately and will start again only when desired efficiency of MEE will be achieved.

	until the desired efficiency of MEE has been 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 with all the provisions of CPCB guidelines for TSDF as applicable from time to time and in future also we shall comply. A summary of the guidelines Compliance is attached as Annexure -03 .
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 providing all the details in the monthly report & submitting to GPCB monthly basis.
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 the stipulated period. We immediately inform the Gujarat Pollution Control Board about the 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 is storage capacities of liquid and solid waste. We do not accept incomplete membership forms. Samples of our membership form and member's documents were shown at the time of visit from RO-MOEF, Bhopal.

		<p>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.</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 prevent 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 maintain good housekeeping in the premises & taking step to control dusting. We have also implemented 5S system, which is specially designed for good housekeeping practices. ➤ To ensure least leakages from pumps/motors/lines, preventive maintenance of the same is carried out on regular basis. ➤ Leakages from equipment & floor washing effluent is being collected in tank/pit & treated in MEE.
53	During effluent transfer, spillages shall be avoided, and garland drain be constructed to avoid mixing of accidental spillages with storm water.	<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.

		<p>➤ The main landfill site is kept covered during monsoon and no waste is added in this site during the period and hence there are no chances of contaminated run-off from landfill. Further, an IIT approved leachate collection system is developed and there is a garland drain around the leachate tank. The leachate from here is pumped to the storage tank which is provided with dyke wall. Therefore, no chances of any type of contamination from anywhere. Pictures & IIT approved leachate collection system layout attached.</p> <p>➤ The outlet of storm water drain is equipped with a gate system and the water in the channel is checked daily. If at all, the water in the storm water channel is found contaminated then we pump it to MEE for treatment. Therefore, there is no chance of contaminated water going out of the premises.</p> <p>Please refer Annexure -16:</p> <p>A) Picture of plant showing separate garland drain & storm water channel.</p> <p>B) Picture showing garland drain, effluent collection chamber of drain and plant area.</p> <p>C) Leachate tank with dyke wall.</p> <p>D) Gate at the storm water channel outlet.</p> <p>E) Landfill Monsoon Covering Photographs.</p> <p>F) IIT Approved Leachate Collection System.</p>
54	Necessary measures shall be taken to prevent contamination of storm water from wastes/effluent handled at site. The storm water 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. We are ensuring that storm water drains are dry during non-monsoon period.</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 environmental 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 1778.23 Lacs till Septmber-2025. 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>

		Sr. No.	Year	Expense	
		1	2018 – 2019	13,40,242	
		2	2019 – 2020	30,90,150	
		3	2020 – 2021	1,70,76,593	
		4	2021- 2022	1,52,00,989	
		5	2022- 2023	1,20,19,262	
		6	2023- 2024	1,60,68,507.4	
		7	2024-2025	94,54,028.74	
		8	2025-2026	1,04,84,145.50	
		This expenditure details are submitted to GPCB in Form 5 (ES) and are included in half yearly Compliance report being submitted to MoEF&CC.			
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>			
58	BEIL shall assign specific budget for socio-economic upliftment of the surrounding villages and shall undertake eco-developmental measures including community welfare program most useful in the project area for the overall improvements of the environment in consultation with the District Development Officer/District Collector.	<p>Complied.</p> <ul style="list-style-type: none"> ➤ 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 distributed 430 nos school uniforms to students of government school at Dahej in Dec-2024. ➤ 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 career counseling session and various sustainability concepts for 11th & 12th science stream students of P.J Chheda Janata Vidyalaya-Dahej. ➤ We have also distributed dustbins at Dahej village under Swatch Bharat mission. ➤ We have donated and installed 15 ceiling fans to Adarsh primary school Dahej. ➤ We deliver the fire & safety training at Shri P.J. Chheda Janta Vidyalaya & kumar shala Dahej . ➤ 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 have already spent Rs 48.37 Lakhs up to March 2022. letter with our intention to contribute the above amount towards the socio-economic upliftment projects in co-ordination with 			

		<p>District Collector/District Development Officer is submitted to the respective offices. Inward copy attached.</p> <p>Please refer Annexure -18:</p> <p>A) Inward copy of Letter submitted to DC/DDO offices. B) Photos of Compost Site built by BEIL in Dahej village as a Solid waste management program. In this financial year 2024-25 we have collected 84,282 kgs of wet waste from Dahej village and prepared 3869 kgs of compost at our compost site and support to “Swachh Bharat-Solid Waste management project” C) A free General medical health check-up camp for students & Dahej community was organized on 28th September 2024 at Government Primary Kanya School, Dahej.. D) Awareness session have organized on Fire and safety risk assessment training at Luvara government school. E) Organized Blood donation camp for ‘Give blood save a life’. F) School bags and stationery items distribute during the “Shala Pravesh Mohtasav” for promotion of education</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 EIA 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 names 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 ISO 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	<p>Complied.</p>

	plan including action 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 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 reports to the Regional Office of the MOEF and SEIAA regarding the implementation of the stipulated condition in hard and soft copies to the regulatory authority with our EC compliance report.</p> <p>Acknowledgment copies of the last submitted EC compliance report (Oct'24-Mar'25) is attached as Annexure -22.</p>						
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.	<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>						
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.	<p>Complied.</p> <p>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 concerned authorities (MOEF, CPCB, GPCB). All the conditions stipulated in the CCA are also complied.</p>						
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.	<p>Complied.</p> <p>We have received EC (10-43/2016-IA-III) Dated 19.12.2018 for installation of 2 nos. of incinerators and capacity enhancement of existing landfill.</p>						
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 provided shall not be diverted for any other purpose.	<p>Complied.</p> <p>A separate account is maintained for environment protection and the cumulative amount is 1778.23 Lacs till September-2025. These funds are not diverted for any other purpose. A year wise expenditure on environmental safeguards is mentioned in the below table: -</p> <table border="1" data-bbox="721 1850 1247 1921"> <thead> <tr> <th>Sr. No.</th> <th>Year</th> <th>Expense</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Sr. No.	Year	Expense			
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		8	2025-2026	1,04,84,145.50	
		This expenditure is informed to GPCB 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 advertisement 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	<p>The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional condition, if the same is found necessary. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act 1974, Air (Prevention & Control of Pollution) Act 1981. The environment (Protection) Act 1986. Hazardous Wastes (Management, Handling and Transboundary Movement) Rules 2008 and the public Liability Insurance Act 1991 along with their amendments and rules.</p>	<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 have Public Liability Insurance Policy No. 35010536253300000001 which is valid up to 30.04.2026. PLI Policy is attached as Annexure -31.</p>
73	<p>This environmental clearance is valid for five years from the date of issue.</p>	<p>Complied</p> <p>We have received EC vide letter no. SEIAA/GUJ/EC/7(d)/227/2013 dated 13.07.2013. We have CCA renewal order no. AWH – 142889 valid up to 17.04.2030.</p>
74	<p>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</p>	<p>N. A</p>

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 April' 25 to September'25.

1. CTE for Incinerator and landfill was received on 24.12.19.
2. CC&A for one Incinerator was received on 10.08.22.
3. CC&A for landfill received on 01.08.2022 (cellwise CC&A have been 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 plant. We have received CCA No. AWH-120793 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	Noted

	such as infrastructure, laboratory is already available at the existing site.																									
4	<p>Details of existing and proposed facilities are as under:</p> <table border="1"> <thead> <tr> <th>Particulars</th> <th>Existing</th> <th>Proposed</th> </tr> </thead> <tbody> <tr> <td>Land area</td> <td>2,85,343.76 m²</td> <td>Nil</td> </tr> <tr> <td>Secured landfill capacity</td> <td>14 LMT</td> <td>19LMT</td> </tr> <tr> <td>Incinerator</td> <td>Nil</td> <td>2 Nos. 12 Million Kcal/hr.</td> </tr> <tr> <td>Water consumption</td> <td>466 KLD</td> <td>900 KLD</td> </tr> <tr> <td>Power</td> <td>475 KVA</td> <td>1920 KVA</td> </tr> <tr> <td>D.G.</td> <td>1 no 600 KVA</td> <td>3 nos. (910 KVA) capacity</td> </tr> <tr> <td>Employment</td> <td>Employee -23 Worker – 84</td> <td>Construction phase 150 workman Operation phase: 60 workmen</td> </tr> </tbody> </table>	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	Noted
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5	Water Consumption for the proposed project is 900 KLD and will be met from GIDC water supply.	<p>Complied.</p> <p>As per CCA renewal AWH-142889 Freshwater requirement id 986 KLD.</p> <p>Total water consumption in the last 6 months is <u>25268</u> KL and per day is @ 138.08 KLD which is well within the limit.</p> <p>Summary of the same as below.</p>																								

		Sr. No	Month	Water Consumption (KL/ month)	Average (KLD)
		1	April-2025	3902	130.06
		2	May-2025	3864	124.65
		3	June-2025	4952	165.07
		4	July-2025	3537	114.096
		5	August-2025	3888	125.42
		6	September-2025	5125	170.83
		Average		4211	138.08
6	Leachate/effluent from landfill will be treated in Multiple Effect Evaporator (MEE) plant. The wastewater from the incinerator shall be used for quenching. Municipal solid waste generated from the project shall be disposed of as per MSW Rules, 2016.	<p>Complied.</p> <ol style="list-style-type: none"> 1. Leachate is treated in MEE Plant. 2. Wastewater from incinerator is being used for Quenching at incinerator. 3. MSW waste generated is sent for composting at CSR composting site of BEIL in a nearby village. 			
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.	<p>Complied.</p> <ol style="list-style-type: none"> 1. Hazardous solid waste generated as the residue from MEE after treatment of leachate and ash generated from incineration are disposed in the landfill. 2. Transportation of hazardous solid waste is done as per guidelines of CPCB and Hazardous and other waste (management and transboundary movement) rules 2016. 3. We have approved transporters having authorization with dedicated vehicles (hydraulics) for transportation of waste. 			
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	Noted.			

	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.	
11	Investment/Cost of the project is approx. Rs. 64 Crore	The actual investment cost of the project is Rs.109.02 Crores for one incinerator and 30 lac for Landfill till Oct'22.
12	Benefits of the project: There will be a positive environmental impact by collecting and disposing the hazardous waste in the scientific manner that will reduce the future health hazard. It is expected that additional people will get employment and hence job opportunities for the local people as well as migrants from nearby areas would increase.	Noted.
13	Employment potential: About 150 persons (construction phase) & 60 persons (operational phase).	Noted. The total numbers of employees are 84. 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	Noted.

	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: -	
A.1	SPECIFIC CONDITIONS	
1	Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.	Complied. We have obtained CTE on dated 24.12.2019 and CCA as amendment AWH-120793 on dated 18.10.2022 for incinerator.
2	The Project proponent should ensure that the TSDF fulfils all the provisions of Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016.	Complied. We are fulfilling all the provisions of Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016.
3	Ground water abstraction shall be as prescribed by the CGWA. A clearance/permission of the CGWA shall be obtained in this regard.	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 plantations are of non-edible varieties. A few species are Kashid, Banian, Palto form, Gulmohar, Champa, Neem, Karan, Pipal.
5	The TSDF should only handle the waste generated from the member units.	Complied We accept waste only from member units, who have valid CC&A obtained from GPCB. At present we have 1602 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	Complied. We have installed one incinerator with Rotary kiln, secondary combustion chamber, Air pollution control system including Spray dryer absorber, Bag filter, Scrubber, Demister and CEMS is provided.

	<p>matter; venturi scrubber followed by packed bed scrubber with caustic circulation to neutralize the acidic vapors in flue gas; and demister column for arresting water carry over will be provided to the incinerator. Online pollutant monitoring shall be provided as per CPCB guidelines for monitoring particulate matter, SO₂, NO_x and CO from the incinerator stack. The periodical monitoring of Dioxins and Furans in the Stack emissions shall be carried out.</p>	<p>Online monitoring for PM, SO₂, NO_x and CO provided as per CPCB guidelines.</p> <p>Dioxins and Furans emissions are monitored quarterly and submitted in quarterly CPCB protocol to Regional office, GPCB-Bharuch and Dioxin furan report is attached as Annexure -26.</p>
7	<p>Analysis of Dioxins and Furans shall be done through CSIR — National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram or equivalent NABL Accredited laboratory.</p>	<p>Complied.</p> <p>We have monitored Dioxins and Furans in the Stacks emissions in September-2025 through NABL accredited laboratory. Third party monitoring reports are attached as Annexure -26.</p>
8	<p>The project proponents shall adhere to all conditions as prescribed in the Protocol for ‘Performance Evaluation and Monitoring of the Common Hazardous Waste Treatment, Storage and Disposal Facilities’ published by the CPCB in May 2010.</p>	<p>Complied.</p> <p>We are submitting protocol quarterly online on CPCB site and in hardcopy to GPCB.</p>
9	<p>Incinerator shall be designed as per CPCB guidelines. Energy shall be recovered from incinerator.</p>	<p>Complied.</p> <p>The incinerator is designed as per the CPCB guidelines. We have a WHRB attached to Incineration. The steam generated from heat recovery boiler is used to operate the MEE & Paddle dryer.</p>
10	<p>Sufficient number of Piezometer wells shall be installed in and around the project site to monitor the ground water quality in consultation with the State Pollution Control Board / CPCB. Trend analysis of it quality shall be carried out each season and information shall be submitted to the SPCB and the Regional Office of MOEF&CC.</p>	<p>Complied.</p> <p>We have a total of 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.</p>
11	<p>Ambient air quality monitoring shall be carried out in and around the landfill site at up wind and downwind locations.</p>	<p>Complied</p> <p>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 –08.</p> <p>Ambient results: (April’25-Sept’25)</p>

Sr no.	Parameters	Unit	GPCB/CP CB Permissible Limit	Min	Max	Avg
1	RSPM (PM ₁₀)	µg/m ³	100	60.44	80.9	65.59
2	PM _{2.5}	µg/m ³	60	27.04	31.07	28.15
3	Sulphur Dioxide	µg/m ³	80	7.17	8.93	8.00
4	Nitrogen Dioxide	µg/m ³	80	20.2	21.57	20.69
5	Ammonia (NH ₃)	µg/m ³	400	3.36	4.33	3.65
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.	Complied 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. GWRDC report is attached as Annexure -01 .
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13	Environmental Monitoring Program shall be implemented as per EIA report and guidelines prescribed by CPCB for hazardous waste facilities. Periodical ground water/soil monitoring to check the contamination in and around the site shall be carried out.	Complied. 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 -5b . Summary Table: Ground Water (April'25-Sept'25)
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Sr No	Parameter	Unit	Average of Up-stream borewell	Average of downstream	Average of outside premises
1	pH		7.78	7.69	8.40
2	Conductivity	mmhos/cm	53.47	50.80	2.51

		3	Turbidity	NTU	2.28	1.83	6.54
		4	TSS	mg/l	16.78	14.68	2.83
		5	TDS	mg/l	34758	33018	1615
		6	TOC	mg/l	4.38	3.93	BDL
		7	Color	Co-pt	14.50	10.91	6.63
		8	COD	mg/l	60.83	56.23	27.28
		9	Chloride	mg/l	17574	16364	744
		Summary Table: Soil Analysis (Pre-Monsoon)					
		Sr No	Parameters	pH	Conductivity (umho/cm)	TDS (mg/l)	TOC (%)
		1	Nr EB-1	8.26	2435	1480	0.65
		2	Infront of Lime Shed	8.66	2745	1658	0.72
		3	Nr EB-4	8.36	1952	1205	0.42
		4	Opp. Khetan Ind	8.38	2702	1635	0.45
		5	Nr ADM	8.25	1225	765	0.35
		6	Behind Tagros	8.46	1845	1146	0.72
14	The Company shall ensure proper handling of all spillages by introducing spill control procedures for various chemicals.	Complied. If any spillage occurs, corrective actions are taken immediately. The spillage is cleaned up in a 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	Complied					

	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.	We have ensured that the project is properly cordoned off from general movement and no unauthorized person or goods permitted to enter the premises. Necessary security provision is also provided.						
20	Pre-medical check-up to be carried out on workers at the time of employment and regular medical record to be maintained.	Complied We are carrying out pre-employment check-ups of employees at the time of employment and also carrying out periodical medical check-ups regularly. BCA tests 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 We have prepared and implemented an Onsite Emergency Plan & Disaster Management Plan and is attached in Annexure -10 . 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/GPCB guideline.						
24	As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 1 st May 2018, and as proposed, a fund of Rs. 0.40 Crore @ 1% of project Cost, shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as sanitation, solid waste management and rainwater harvesting etc. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District	Complied This monitoring report is submitted to regional office as a part of half yearly compliance report and posted on Website. <table border="1" data-bbox="732 1619 1446 1671"> <thead> <tr> <th>year</th> <th>Amount</th> <th>Details</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	year	Amount	Details			
year	Amount	Details						

Collector. It should be posted on the website of the project proponent.	2019-20	18,59,543	<p>Fabrication of Drum Stand for making Compost and tilting Drum Storage of Kitchen Waste – Rs.4,60,200/-</p> <p>Fabrication & Erection of Structure for Making shed on Kitchen Waste Mixing Pit and Storage Shed for Plastic - Rs.1,33,814/-</p> <p>Construction of Compost Pit & Other Structure - Rs.7,52,583/-</p> <p>Project of collection of Kitchen Waste (door to door) - Rs.5,12,946/-</p>
	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
	2022-23	8,07,828	Project of collection of Kitchen Waste (Door to Door) at Dahej Village, Dist. Bharuch
	2023-24	1,041,646	Promoting Education including Special Education and Vocational Skills – RS. 8,50,000/-
			Collection of Kitchen Waste (Door to Door) at Dahej Village- RS. 6,03,144/-
Development Activities in Dahej- RS. 29,870/-			
Blood Donation Camp at Dahej- 22,794/-			
Donation of new Health Equipment to Dahej PHC- RS. 1,38,922/-			
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.	Complied.																											
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 1778.23 Lacs till September-2025. These funds are not diverted for any other purpose.</p> <p>A year wise expenditure on environmental safeguards is mentioned in the table below: -</p> <table border="1" data-bbox="748 772 1373 1171"> <thead> <tr> <th>Sr. No.</th> <th>Year</th> <th>Expense</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2018 – 2019</td> <td>13,40,242</td> </tr> <tr> <td>2</td> <td>2019 – 2020</td> <td>30,90,150</td> </tr> <tr> <td>3</td> <td>2020 – 2021</td> <td>1,70,76,593</td> </tr> <tr> <td>4</td> <td>2021- 2022</td> <td>1,52,00,989</td> </tr> <tr> <td>5</td> <td>2022-2023</td> <td>1,20,19,262</td> </tr> <tr> <td>6</td> <td>2023 - 2024</td> <td>1,60,68,507.4</td> </tr> <tr> <td>7</td> <td>2024-2025</td> <td>94,54,028.74</td> </tr> <tr> <td>8</td> <td>2025-26</td> <td>1,04,84,145.50</td> </tr> </tbody> </table> <p>This expenditure is informed to GPCB in Form 5 (ES) and are included in half yearly Compliance report being submitted to MoEF&CC. Form – 5 for the period Apr'24 – Mar'25 is attached as Annexure - 29.</p>	Sr. No.	Year	Expense	1	2018 – 2019	13,40,242	2	2019 – 2020	30,90,150	3	2020 – 2021	1,70,76,593	4	2021- 2022	1,52,00,989	5	2022-2023	1,20,19,262	6	2023 - 2024	1,60,68,507.4	7	2024-2025	94,54,028.74	8	2025-26	1,04,84,145.50
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3	Officials from the Regional Office of MOEF &CC, Bhopal who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities, and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to MOEF & CC shall be forwarded to the APCCF, Regional Office of MOEF & CC, Bhopal.	Noted.																											
4	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.	Noted																											
5	The Ministry reserves the right to add additional safeguard measures	Noted																											

	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.	
6	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, the Forest Conservation Act, 1980 and the Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	Complied. Statutory clearances as applicable are obtained.
7	These stipulations would be enforced among others under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and the EIA Notification, 2006.	Noted
8	The project proponent shall advertise in at least two local newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of the Ministry of Environment, Forest and Climate Change at http://www.envfor.nic.in . The advertisement shall be made within Seven days from the date of receipt of the Clearance letter and a copy of the same shall be forwarded to the Regional Office of this Ministry at Bhopal.	Complied. BEIL had received EC on 19 th Dec 2018, and we had given adv in three newspapers namely, Divya Bhaskar, Sandesh and Times of India on 21 st Dec'18. Annexure -24a: A) EC copy. B) Newspaper advertisements dated 21 st December'18
9	Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted

10	<p>A copy of the clearance letter shall be sent by the proponent to be concerned Panchayat, Zilla Parishad /Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.</p>	<p>Complied We have sent the clearance letter to the nearby panchayat's, municipal corporation, and local NGO. Letter is attached as Annexure –30.</p>
11	<p>The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MOEF&CC, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely, PM_{2.5}, PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.</p>	<p>Complied.</p> <ol style="list-style-type: none"> 1. We are submitting a six-monthly report regularly for all ECs conditions sent to the RO of MOEF&CC, the respective Zonal Office of CPCB and the GPCB and the same we upload on our website. 2. We have installed a digital display board at the main entry gate that displays all the required data and monitoring parameters.
12	<p>The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions. and shall also be sent to the respective Regional Offices of MOEF& CC by email.</p>	<p>Complied Every year we submit the Environmental Statement (Form – V) to the GPCB Regional Office Bharuch and to GPCB Gandhinagar. We also submit EC compliance reports to GPCB and CPCB/MoEF&CC half yearly. It is uploaded on the website of the company as a part of 6 monthly compliance report. We also mail to MoEF&CC. Ack copy of Form-5 for 2024-25 is attached as Annexure -29.</p>

Compliance Status of Environmental clearance for Capacity Enhancement of SLF 19 lakh MT to 42.86 lakh MT 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 the period April'25 to September'25.

1. EC amendment obtained on the date 19.02.2024.

2. CTE obtained on the date 27.09.2024.

Sr No	EC Condition Details	Status																				
1	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 required appraisal at the Central level.	Noted.																				
2	The proponent has submitted this proposal for the grant of EC for Capacity enhancement of SLF 19 lakh MT to 42.86 Lakh MT in existing Common hazardous waste treatment Storage, Disposal Facilities (TSDF) and the same has been considered as an EC expansion proposal and appraised by the EAC in its 110th meeting held on 19/09/2023.	Noted.																				
3	<p>Components of the project are:</p> <table border="1" data-bbox="293 1171 911 1755"> <thead> <tr> <th data-bbox="293 1171 459 1245">Particulars</th> <th data-bbox="459 1171 607 1245">Existing</th> <th data-bbox="607 1171 748 1245">proposed</th> <th data-bbox="748 1171 911 1245">Total after expansion</th> </tr> </thead> <tbody> <tr> <td data-bbox="293 1245 459 1381">Secured Landfill Capacity (Lacs MT)</td> <td data-bbox="459 1245 607 1381">19</td> <td data-bbox="607 1245 748 1381">23.86</td> <td data-bbox="748 1245 911 1381">42.86</td> </tr> <tr> <td data-bbox="293 1381 459 1556">Incinerator (Million Kcal/hour)</td> <td data-bbox="459 1381 607 1556">2 x 12 (EC granted, one installed)</td> <td data-bbox="607 1381 748 1556"></td> <td data-bbox="748 1381 911 1556">2 x 12</td> </tr> <tr> <td data-bbox="293 1556 459 1654">MEE (m3/day)</td> <td data-bbox="459 1556 607 1654">200</td> <td data-bbox="607 1556 748 1654">760</td> <td data-bbox="748 1556 911 1654">960</td> </tr> <tr> <td data-bbox="293 1654 459 1755">ETP (KLD)</td> <td data-bbox="459 1654 607 1755">100</td> <td data-bbox="607 1654 748 1755">550</td> <td data-bbox="748 1654 911 1755">650</td> </tr> </tbody> </table>	Particulars	Existing	proposed	Total after expansion	Secured Landfill Capacity (Lacs MT)	19	23.86	42.86	Incinerator (Million Kcal/hour)	2 x 12 (EC granted, one installed)		2 x 12	MEE (m3/day)	200	760	960	ETP (KLD)	100	550	650	<p>Noted. We obtained CTE for proposed landfill on dated 27.09.2024.</p>
Particulars	Existing	proposed	Total after expansion																			
Secured Landfill Capacity (Lacs MT)	19	23.86	42.86																			
Incinerator (Million Kcal/hour)	2 x 12 (EC granted, one installed)		2 x 12																			
MEE (m3/day)	200	760	960																			
ETP (KLD)	100	550	650																			
4	The project site is located in the notified industrial area namely "Development of Petroleum, Chemical and Petro-chemical investment region (PCPIR)" by	Noted.																				

	M/s Gujarat Industrial Development Corporation. Total Plot Area: 305146.881 m2						
5	After expansion, 1077 KLD water will be required, freshwater will be sourced from GIDC.				Noted and shall be complied.		
6	Wastewater generation, treatment, and disposal:				Noted and shall be complied.		
	Wastewater Generation	Existing (KL/day)	Proposed (KL/day)	Total waste water generation after proposed Quantity(KL/day)		Treatment Details	
	Domestic	16		16		ETP	
	Industrial	Process (Leachate, drum decontamination, tanker decontamination, tyre washing)	200			200	MEE
		Cooling	2	14		16	ETP
		Boiler blowdown/DM Water Plant/UF blowdown	2	82		84	ETP
		Washing/Laboratory	99	25		124	MEE
		Condensate water	100	550		650	ETP/Recycled
		Bleed water	170	14.5		184.5	Incinerator

	Wastewater generation (KL/Day)	589 KL D	685. 5 KLD	1274. 5 KLD		
7	Municipal solid waste generated is 15 kg/day and disposal as per SWM Rules, 2016					Complied. Kitchen waste generated from canteen inside the premises is fed to Bio-Gas plant.
8	Power requirement will be sourced from existing line of Gujarat Electricity Board (GEB). Existing power load requirement is 2000kVA and additional power requirement mainly for MEE+ETP is 2530 KVA. In case of power failure, D.G. Set can be used. Total D.G. load available is 3330 KVA (1x600 kVA + 3x910 kVA), additional DG set proposed for expansion is 1820 kVA (2x910 kVA)					Noted and shall be complied. Currently we have 01 no of 600 KVA & 03 no's of 910 KVA capacity DG sets.
9	Energy Conservation measures also adopted at the project. In Incinerator plant WHRB has been installed. The steam generated from Heat Recovery Boiler is used to operate the Multiple Evaporation system. BEIL has also installed Solar Panel in the capped portion of landfill					Complied. WHRB is installed with incineration plant and steam generated from the WHRB is used in CMEE and paddle dryer. We have installed solar panels on the top of capped part of landfill with capacity 225 Kwp.
10	Solar panels are installed on the capped portion of landfill. Details of existing and proposed solar panels with power generation capacity is given below:					Noted. We have installed solar panels on the top of capped part of landfill with capacity 225 Kwp.
		No. of module installed	Capacity			
	Existing	682	0.22 MW			
	Proposed	30000	9.9 MW			
11	Total 305146.881 sq. meters land area is available at site; out of this area 50830.53 sq.m. of green area is being maintained at the project site. Further, BEIL has also taken additional land @20 acres (8.0 ha) in Dahej village to carry out the tree plantation activities outside the premises					Complied. We have started tree plantation at 20-acre land at Dahej village.
12	ToR obtained from Ministry on 23rd xvii. January 2023					Noted.
13	The total cost of the expansion project is estimated Rs. 2989.19 Lacs.					Noted.
14	Employment potential - 150 persons are in the Construction phase and persons are in the operation phase and in addition to existing employee.					Noted and shall be complied.
15	Benefits of the project:					Complied.

	<p>1.Common Hazardous Waste Treatment, Storage and Disposal facility would minimize the risk involved in hazardous waste management by way of transportation of waste in dedicated vehicle with manifest system, tracking the movement by GPS and treatment of Hazardous waste to meet desired standard before disposal and regular monitoring of such facility would be better and feasible option as compared to captive facilities by individual industries.</p> <p>2. For the proposed expansion of TSDF, there will be employment opportunities for about 170 persons (Construction & 20 additional during Operational phase)</p> <p>3. The project will have positive environmental impacts by collection and disposal the hazardous waste in the scientific manner that will reduce health hazard.</p>	<p>Transportation of Hazardous waste is being done as per Hazardous & other waste (Management and transboundary movement) rules 2016.</p>
16	<p>The EAC noted that the Environmental Clearance was obtained from SEIAA, Gujarat vide letter No. SEIAA/GUJ/EC/7(d)/227/2013 dated 22.07.2013 for setting up of Common Hazardous Waste Treatment, Disposal, Storage and Disposal facility (TSDF) and Multiple Effect Evaporator (MEE) Plant. Subsequently, in the year 2018, project proponent obtained EC from the Ministry on 19.12.2018 for installing two Incinerators having capacity approx. 12 million Kcal/hr each and capacity enhancement of Secured Landfill Facility (SLF) by 5 Lacs MT within the existing TSDF site. Thereafter, project proponent changed the company name from M/s Bharuch Enviro Infrastructure Limited to M/s BEIL Infrastructure Limited and obtained EC transfer (name change) on 18.09.2020. The EAC also examined the Certified Compliance Report in length and found it satisfactory</p>	<p>Noted.</p>
17	<p>Based on recommendations of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance for Capacity enhancement of SLF 19 lakh MT to 42.86 Lakh MT in existing Common hazardous waste treatment Storage, Disposal Facilities (TSDF) at plot number D-43, Dahej Industrial Estate, Tal Vagra, Dist. Bharuch, Gujrat proposed by M/s BEIL</p>	<p>Noted.</p>

	Infrastructure Limited, under the provisions of the EIA Notification, 2006 and amendments/circulars issued thereon, and subject to the specific and standard conditions (Annexure 1).	
1.	Specific Conditions	
1.1	Stack emission levels should be more stringent than the existing standards in terms of the identified critical pollutants.	Noted.
1.2	Effective fugitive emission control measures should be implemented.	<p>Complied.</p> <p>To mitigate fugitive emissions, the following steps are taken.</p> <ul style="list-style-type: none"> • Truck/Dumper is covered with tarpaulin. • The roads are Pucca type, regular carpeting & its maintenance will be carried out. • The peripheral tree plantation /along the road (Internal) is proposed. • Water sprinkling system is installed in plant premises. • We are not disposing any biodegradable waste in landfill.As Industrial waste meeting criteria for disposal is landfilled, Gas generation is avoided. • We have proposed adequate number of gas vents. <p>We are monitoring fugitive emission in plant premises quarterly by GPCB recognized labs. Fugitive emission monitoring report of September'25 is attached as Annexure -33.</p>
1.3	Proponent should use cleaner fuel. Use of pet coke/furnace oils/LSHS should be avoided.	<p>Complied.</p> <p>We are using Approved fuels listed by GPCB.</p>
1.4	Unit shall provide green belt of 40% of the plot area along with development of a wide and effective green belt outside the project premises in adjacent areas through social forestry.	<p>Complied.</p> <p>Total 305146.881 sq. meters land area is available at site; out of this area 50830.53 sq.m. of green area is being maintained at the project site. Further, we have also taken additional land @20 acres (8.0 ha) in Dahej village to carry out the tree plantation activities outside the premises.</p>
1.5	Unit shall provide wall to wall carpeting in vehicle movement areas within the premises to avoid dusting.	Complied.

1.6	The unit shall adhere to sector-specific guidelines/SOP published by SPCB/CPCB from time to time.	Complied. Compliance of CPCB guideline is attached as Annexure -03.
1.7	The proponent should ensure that the project fulfills all the provisions of Hazardous and other Wastes (Management and Trans-boundary Movement) Rules, 2016 and the 'Protocol for Performance Evaluation and Monitoring' for the same as published by the CPCB including collection, transportation, design etc	Complied. We are fulfilling all the provisions of Hazardous and other Wastes (Management and Trans-boundary Movement) Rules, 2016. We regularly submit the quarterly protocol to GPCB and submit the same on the CPCB online portal.
1.8	Guidelines for Secured Landfill issued by CPCB shall be followed.	Complied. Compliance of CPCB guideline is attached as Annexure -03.
1.9	Necessary provision shall be made for fire-fighting facilities within the complex.	Complied. <ul style="list-style-type: none"> • The various types of fire-fighting devices like Portable fire extinguishers (DCP Type, Foam Type, CO2 Type etc.), sand buckets etc. are provided in sufficient quantity. • Fire hydrant line network is also developed considering proper pressure, emergency water storage (Tank cap-1100 KL) and adequate nos. of hydrant posts.
1.10	Project proponent should prepare and implement an on-site Emergency Management Plan a copy of which should be submitted to the SPCB before the plant is made operational	Complied. We have prepared and implemented Onsite Emergency plan and is attached as Annexure -10
1.11	Employees shall be provided work specific PPE such as helmets, safety shoes, masks etc.	Complied. Work specific PPEs are provided to All employees and workman.
1.12	Project proponents should develop green belt all along the periphery of the TSDF with plant species suitable for air pollution abatement in consultation with the state forest department. The total green area of 51,354 m2 shall be maintained as proposed.	We have received EC amendment for this condition as:" Project proponent should develop green belt all along the periphery of the TSDF with plant species suitable for air pollution abatement in consultation with the state forest department. The total green area of 50830.53 sq. m. shall be maintained at the project site as proposed." Noted and shall be Complied.

1.13	Fresh water requirement shall not exceed 1077 KLD water (after expansion) will be required during operational phase. Abstraction of ground water shall be subject to the permission of Central Ground Water Authority (CGWA).	<p>Complied.</p> <p>As per CCA renewal AWH-142889 Freshwater requirement is 986 KLD.</p> <p>Total water consumption in the last 6 months is <u>25268</u> KL and per day is @ 138.08 KLD which is well within the limit. Summary of the same as below.</p> <table border="1" data-bbox="959 474 1438 1247"> <thead> <tr> <th data-bbox="959 474 1000 709">S r . N o</th> <th data-bbox="1000 474 1154 709">Month</th> <th data-bbox="1154 474 1263 709">Water Consu mptio n (KL/ month)</th> <th data-bbox="1263 474 1438 709">Average (KLD)</th> </tr> </thead> <tbody> <tr> <td data-bbox="959 709 1000 793">1</td> <td data-bbox="1000 709 1154 793">April- 2025</td> <td data-bbox="1154 709 1263 793">3902</td> <td data-bbox="1263 709 1438 793">130.06</td> </tr> <tr> <td data-bbox="959 793 1000 877">2</td> <td data-bbox="1000 793 1154 877">May- 2025</td> <td data-bbox="1154 793 1263 877">3864</td> <td data-bbox="1263 793 1438 877">124.65</td> </tr> <tr> <td data-bbox="959 877 1000 961">3</td> <td data-bbox="1000 877 1154 961">June- 2025</td> <td data-bbox="1154 877 1263 961">4952</td> <td data-bbox="1263 877 1438 961">165.07</td> </tr> <tr> <td data-bbox="959 961 1000 1045">4</td> <td data-bbox="1000 961 1154 1045">July- 2025</td> <td data-bbox="1154 961 1263 1045">3537</td> <td data-bbox="1263 961 1438 1045">114.096</td> </tr> <tr> <td data-bbox="959 1045 1000 1129">5</td> <td data-bbox="1000 1045 1154 1129">August- 2025</td> <td data-bbox="1154 1045 1263 1129">3888</td> <td data-bbox="1263 1045 1438 1129">125.42</td> </tr> <tr> <td data-bbox="959 1129 1000 1213">6</td> <td data-bbox="1000 1129 1154 1213">Septembe r-2025</td> <td data-bbox="1154 1129 1263 1213">5125</td> <td data-bbox="1263 1129 1438 1213">170.83</td> </tr> <tr> <td data-bbox="959 1213 1000 1247"></td> <td data-bbox="1000 1213 1154 1247">Average</td> <td data-bbox="1154 1213 1263 1247">4211</td> <td data-bbox="1263 1213 1438 1247">138.08</td> </tr> </tbody> </table>	S r . N o	Month	Water Consu mptio n (KL/ month)	Average (KLD)	1	April- 2025	3902	130.06	2	May- 2025	3864	124.65	3	June- 2025	4952	165.07	4	July- 2025	3537	114.096	5	August- 2025	3888	125.42	6	Septembe r-2025	5125	170.83		Average	4211	138.08
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1.14	Gas generated in the Landfill should be properly collected, monitored, and flared.	<p>Complied.</p> <ul style="list-style-type: none"> • Landfill gas generation is avoided as organic free industrial waste is disposed. • Gas generation is monitored BDL as we avoid disposal of biodegradable/organic waste to landfill. • We have proposed an adequate number of gas vents. And we are carrying out regular monitoring of these vents for VOC & HC. • The results are attached as Annexure -27. 																																

1.15	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 (SPCB)/CPCB. Trend analysis of ground water quality shall be carried out for each season and information shall be submitted to the SPCB and the Regional Office of MoEF&CC.	Complied. <ul style="list-style-type: none"> • We have a total of 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. The results are attached as Annexure -05. • Moreover, we have carried out trend analysis of ground water monitoring results through NPC New Delhi.
1.16	The depth of the landfill site shall be decided based on the ground water table at the site in order to ensure the contents of the landfill are never able to contaminate the ground water.	Complied. <ul style="list-style-type: none"> • Ground water table at the project site has been ascertained through the GWRDC before initiating construction of secured landfill site. • The depth of the secured land fill site has been decided based on the ground water level at the site and bottom of the secured landfill site, which is 7.5 (> 2 m as per the landfill criteria) meter above the ground water table. • Report of GWRDC is attached as Annexure -01.
1.17	Project proponent shall ensure proper handling of all spillages by introducing spill control procedures for various chemicals.	Complied. If any spillage occurs immediately, we inform the concerned person and safety officer. The spillage is cleaned up in a safe manner.
1.18	As committed the estimated wastewater of 1,274.5 KLD (16 KLD-Domestic + 1258.5 KLD Effluent) will be treated and recycled within the premises as committed. Toxicity Characteristic Leaching Procedure (TCLP) test should be performed on leachates regularly.	Noted and complied. We are conducting the TCLP analysis for leachates on a monthly basis and regularly submitting the results to the GPCB through the monthly report
1.19	Rainwater runoff from the landfill area and other hazardous waste management area shall be collected and treated as per the norms.	Complied. Separate provision for storm water runoff has been provided surrounding the landfill and other areas, which leads to GIDC drainage. Storm water is discharged into the GIDC drainage only once its analysis is carried out and the results are found

		satisfactory. If results are not satisfactory, then the rainwater runoff from the storm water drain is collected and treated in MEE through ETP to achieve ZLD as per our CCA.
1.20	The project proponent shall install continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 and be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Not Applicable. We have Zero Liquid Discharge Facility.
1.21	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.	Noted and shall be complied.
1.22	No non-hazardous wastes, as defined under the Hazardous and Other Wastes (Management and Trans-boundary Movement) Rules, 2016, shall be handled in the premises. The solid wastes shall be segregated, managed and disposed as per the norms of the Solid Waste Management Rules, 2016. A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the MSW generated from project.	Complied. Only Hazardous waste is handled at the site.
1.23	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 Trans-boundary Movement) Rules, 2016 to prevent unwanted access.	Noted. Only authorized personnel are permitted to enter the premises after proper security verification.
1.24	Traffic congestion near the entry and exit points from the roads adjoining the project site shall be avoided. Parking should be fully internalized, and no public space should be utilized.	Complied. A dedicated parking area is provided within the premises to prevent any traffic congestion
1.25	A detailed traffic management & decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 2 km radius of the	Noted. GIDC have provided wide roads in the estate and there is no traffic congestion.

	<p>project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 2 km radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the PWD/Competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments</p>	
1.26	<p>The Environmental Clearance to the project is primarily under provisions of EIA Notification, 2006. The Project Proponent is under obligation to obtain approvals/clearances under any other Acts/Regulations or Statutes as applicable to the project.</p>	<p>Noted and complied. We received CTE for the project on the date 27.09.2024. We have started construction activity for the expansion of landfill capacity as per CTE obtained.</p>
1	Statutory compliance	
1.1	<p>The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.</p>	<p>Not Applicable.</p> <ul style="list-style-type: none"> • The existing site is in notified GIDC area and already has applicable clearance/permissions from respective authority. • Permission of Forest Conservation Act, 1980 is not required as our existing site is already in notified GIDC area.
1.2	<p>The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.</p>	<p>Not Applicable.</p> <ul style="list-style-type: none"> • The existing site is in notified GIDC area and already has applicable clearance/permissions from respective authority. • Permission of Wildlife (Protection) Act, 1972 is not required as our existing site is already in notified GIDC area.
1.3	<p>If applicable, the project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in</p>	<p>Not Applicable.</p> <ul style="list-style-type: none"> • The existing site is in notified GIDC area and already has applicable clearance/permissions from respective authority.

	consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report (in case of the presence of schedule-I species in the study area)	
1.4	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.	Complied. We obtained CTE on dated 27 09.2024 from GPCB. We have started construction activity for the expansion of landfill capacity as per CTE obtained.
1.5	The Project proponent should ensure that the TSDF fulfils all the provisions of Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016.	Complied. <ul style="list-style-type: none"> • We are fulfilling all the provisions of Hazardous and Other Wastes (Management and Tran’s boundary Movement), Rules 2016 and its subsequent amendments. The design and the construction of secured landfill site is as per the guidelines of CPCB with proper leachate collection arrangement. Drawings are approved by IIT, Delhi. • IIT certificate is attached as Annexure -02. • Summary of CPCB guidelines is attached as Annexure -03.
1.6	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 complying with the conditions and as part of compliance we are submitting protocol regularly to CPCB at Online portal and also submitting to GPCB.
1.7	Incinerator shall be designed as per CPCB guidelines. Energy shall be recovered from incinerator.	Complied. The incinerator is designed as per the CPCB guidelines. We have a WHRB attached to Incineration. The steam generated from heat recovery boiler is used to operate the MEE & Paddle dryer.
1.8	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.	Noted. Currently we are only using water source from GIDC.
1.9	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained	Noted.

1.10	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities	Complied. <ul style="list-style-type: none"> The existing site is in the notified GIDC area and already have applicable clearance/ permissions from respective authorities. Permission from Civil Aviation Department etc.is not required as our existing site is already in notified GIDC area.
2	Air quality monitoring and preservation	
2.1	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories	Complied. We have provided on-line real-time continuous monitoring facilities at Incinerator stack and Spray Dryer stack; the server is connected to GPCB/CPCB, and data are transmitted to GPCB/CPCB.
2.2	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.	Complied. We are monitoring fugitive emissions in plant premises quarterly by GPCB recognized labs. Fugitive emission monitoring report of September'25 is attached as Annexure -33 .
2.3	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120°each), covering upwind and downwind directions.	Complied We are 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 -08 .
2.4	Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions.	Complied. Proper SMF is provided at process and flue gas stacks.
2.5	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of	Complied. The summary of continuous monitoring stack emission and air quality monitoring are attached as CEMS SPD results as Annexure -32 and manual results are

	MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report	submitted in protocol (quarterly) and in EC compliance (Half yearly).
2.6	Appropriate Air Pollution Control (As proposed, air pollution control device viz. gas quencher; treatment with mixture of hydrated lime and activated powder for adsorption of partial acidity and VOCs (if any); bag filter/ESP for removal of particulate matter; venturi scrubber followed by packed bed scrubber with caustic circulation to neutralize the acidic vapours in flue gas; and demister column for arresting water carry over will be provided to the incinerator) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	<p>Complied.</p> <p>We have installed one incinerator with Rotary kiln, secondary combustion chamber, Air pollution control system including bag filter, Scrubber and CEMS.</p> <ol style="list-style-type: none"> 1. APCD like Spray dryer absorber, Bag filter, wet scrubber and Demister are installed in Incinerator. 2. Online monitoring for PM, SO₂, NO_x and CO provided as per CPCB guidelines. <p>Dioxins and Furans emissions are monitored quarterly. The results are attached as Annexure -26</p>
2.7	The periodical monitoring of Dioxins and Furans in the Stack emissions shall be carried out. Analysis of Dioxins and Furans shall be done through CSIR-National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram or equivalent NABL Accredited laboratory	<p>Complied.</p> <p>We have monitored Dioxins and Furans in the Stacks emissions in September-2025 through NABL accredited laboratory. Third party monitoring reports are attached as Annexure -26.</p>
2.8	Gas generated in the Land fill should be properly collected, monitored and flared	<p>Complied.</p> <ul style="list-style-type: none"> • Landfill gas generation is avoided as we are disposing inorganic industrial waste. • Gas generation is monitored BDL as we avoid disposal of biodegradable/ organic waste to landfill. • We have proposed an adequate number of gas vents. And we are carrying out regular monitoring of these vents for VOC & HC. • The results are attached as Annexure -27.
2.9	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 02 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or	<p>Noted.</p> <p>GIDC have provided wide roads in the estate and there is no traffic congestion.</p>

	other agencies in this 02 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.	
3	Water quality monitoring and preservation:	
3.1	The project proponent shall install continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories	Not Applicable. We have Zero Liquid Discharge Facility.
3.2	Sufficient number of Piezometer wells shall be installed in and around the project site to monitor the ground water quality in consultation with the State Pollution Control Board / CPCB. Trend analysis of ground water quality shall be carried out each season and information shall be submitted to the SPCB and the Regional Office of MoEF&CC.	Complied. We have a total of 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.
3.3	The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	Not Applicable. We have Zero Liquid Discharge Facility. Ground water monitoring is carrying out (internally and by third party) on monthly basis and same are submitted to GPCB and CPCB in Quarterly CPCB protocol. Ground water monitoring by third party attached as Annexure -05 .
3.4	No discharge in nearby river(s)/pond(s).	Complied. We have Zero Liquid Discharge Facility.
3.5	The depth of the land fill site shall be decided based on the ground water table at the site.	Complied. 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

		<p>landfill 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 -01.</p>
3.6	The Company shall ensure proper handling of all spillages by introducing spill control procedures for various chemicals.	<p>Complied.</p> <p>If any spillage occurs immediately, we inform the concerned person and safety officer. The spillage is cleaned up in safe manner.</p>
3.7	All leachates arising from premises should be collected and treated in the ETP followed by RO. RO rejects shall be evaporated in MEE. Toxicity Characteristic Leaching Procedure (TCLP) test to be performed on leachates.	<p>We have received EC amendment for this condition as: “All leachates arising from premises should be collected and treated in the Multiple Effect Evaporator (MEE) plants at site and the condensate shall be treated in the ETP followed by RO. RO rejects shall be evaporated in MEE. Toxicity Characteristic Leaching Procedure (TCLP) test to be performed on leachates.”</p> <p>Complied.</p> <p>We are treating leachate into MEE plant and RO reject is reused for the lime slurry preparation.</p>
3.8	The Company shall review the unit operations provided for the treatment of effluents, especially the sequencing of MEE after tertiary treatment, the source of permeate when no R.O. is recommended and the treatment of MEE condensate. The scheme for treatment of effluents shall be as permitted by the Pollution Control Board/Committee under the provisions of consent to establish.	<p>Complied.</p> <p>We have MEE plant followed by MAP+ETP+RO plant for treatment of effluent.</p>
3.9	Scrubber water, leachate water or wheel wash effluent shall be treated in the effluent treatment plant followed by RO to achieve zero liquid discharge.	<p>We have received EC amendment for this condition as: “Scrubber water, leachate water or wheel wash effluent shall be treated in the Multiple Effect Evaporator (MEE) plant at site and the condensate shall be treated in the ETP followed by RO system to achieve zero liquid discharge.”</p> <p>Complied.</p>

		We are treating into MEE and condensate generated from MEE is being treated into ETP+RO plant, permeate generated from RO plant is utilized within premises for various industrial purposes.																																
3.10	Total freshwater use shall not exceed the proposed requirement as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water.	<p>Complied.</p> <p>As per CCA renewal AWH-142889 Freshwater requirement is 986 KLD.</p> <p>Total water consumption in the last 6 months is <u>25268</u> KL and per day is @ 138.08 KLD which is well within the limit. Summary of the same as below.</p> <table border="1" data-bbox="964 674 1433 1457"> <thead> <tr> <th>S r . N o</th> <th>Month</th> <th>Water Consu mptio n (KL/ month)</th> <th>Average (KLD)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>April-2025</td> <td>3902</td> <td>130.06</td> </tr> <tr> <td>2</td> <td>May-2025</td> <td>3864</td> <td>124.65</td> </tr> <tr> <td>3</td> <td>June-2025</td> <td>4952</td> <td>165.07</td> </tr> <tr> <td>4</td> <td>July-2025</td> <td>3537</td> <td>114.096</td> </tr> <tr> <td>5</td> <td>August-2025</td> <td>3888</td> <td>125.42</td> </tr> <tr> <td>6</td> <td>September-2025</td> <td>5125</td> <td>170.83</td> </tr> <tr> <td colspan="2">Average</td> <td>4211</td> <td>138.08</td> </tr> </tbody> </table>	S r . N o	Month	Water Consu mptio n (KL/ month)	Average (KLD)	1	April-2025	3902	130.06	2	May-2025	3864	124.65	3	June-2025	4952	165.07	4	July-2025	3537	114.096	5	August-2025	3888	125.42	6	September-2025	5125	170.83	Average		4211	138.08
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3.11	Sewage Treatment Plant shall be provided to treat the wastewater generated from the project. Treated water shall be reused within the project	<p>Noted.</p> <p>Currently we are treating sewage in the ETP plant and then R.O plant.</p> <p>We have obtained the CTE amendment for the installation STP plant with Cap 50 KLD.</p> <p>Treated water is used within the premises.</p>																																
3.12	A certificate from the competent authority for discharging treated effluent/ untreated effluents into the public sewer/ disposal/drainage systems along with the final disposal point should be obtained.	<p>Not Applicable.</p> <p>We have Zero Liquid Discharge facility under which treated water is utilized for</p>																																

		gardening and other purposes within the premises.
3.13	Rainwater runoff from hazardous waste storage area shall be collected and treated in the effluent treatment plant.	Complied. Separate provision for storm water runoff has been provided surrounding the landfill and other areas, which leads to GIDC drainage. Storm water is discharged into the GIDC drainage only once its analysis is carried out and the results are found satisfactory. If results are not satisfactory, then the rainwater runoff from the storm water drain is collected and treated in MEE through ETP to achieve ZLD as per our CCA.
4	Noise monitoring and prevention	
4.1	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Complied. We are carrying out regular monitoring and results are submitted in Six monthly compliance report. The company is also carrying out monitoring through third party of noise level etc. as per norms laid down by CPCB. Reports are attached as Annexure -12 .
4.2	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during daytime and 70 dB(A) during nighttime.	Complied. We ensure to keep noise levels in and around the premises within the standard limit by providing noise control measures according to its requirement. We are monitoring noise levels monthly by third party and internally at all locations, which are well within the limit. Reports are attached as Annexure -12 .
4.3	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.	Complied. The persons working in the area are provided require PPE's.
5	Energy Conservation measures	
5.1	Energy conservation measures like installation of LED/CFLs/TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning.	Complied.
6	Waste management	

6.1	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 have 1602 members for Landfill. In support of this we are submitting returns to GPCB.
6.2	Periodical soil monitoring to check the contamination in and around the site shall be carried out.	Complied. soil monitoring is done Pre-monsoon and post-monsoon around the site and results are attached as Annexure -05b..
6.3	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.
6.4	The Project proponent shall not store the Hazardous Wastes more than the quantity that has been permitted by the CPCB/SPCB.	Complied. Landfillable hazardous waste is stored only during monsoon. Incinerable waste is being stored as per CPCB guideline/GPCB guideline.
6.5	The solid wastes shall be segregated, managed, and disposed as per the norms of the Solid Waste Management Rules, 2016.	Not Applicable.
6.6	A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.	Not applicable.
6.7	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016	Noted and shall be complied.
7	Green Belt	
7.1	Green belt shall be developed in an area as provided in project details, with native tree species in accordance with Forest Department. The greenbelt shall inter alia cover the entire periphery of the project site.	Complied. 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.
7.2	Topsoil shall be separately stored and used in the development of green belt	Noted.
8	Public hearing and Human health issues	
8.1	Traffic congestion near the entry and exit points from the roads adjoining the project site shall be avoided. Parking should be fully internalized, and no public space should be utilized.	Complied. A dedicated parking area is provided within the premises to prevent any traffic congestion

8.2	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Complied. We've prepared and Implemented Onsite Emergency Plan and Disaster Management Plan. Copy of on-site emergency plan & disaster management plan is attached as Annexure -10 . Fire hydrants system (Existing storage capacity 1100 KL), fire extinguishers are provided.
8.3	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Noted and shall be complied.
8.4	Occupational health surveillance of the workers shall be done on a regular basis.	Complied We are carrying out pre-employment check-up of employees at the time of employment. BCA tests 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
9	Miscellaneous	
9.1	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	Complied. We have made Advertisement in 02 Gujarati (Divya-Bhaskar + Sandesh) and 01 English (Times of India) Newspaper on date 10/11/2023 and attached as Annexure -25 .
9.2	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Complied. Copies of Environmental clearance submitted to gram panchayat on date 16/11/2023 and attached as Annexure - 25 .
9.3	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on	Complied. We regularly upload compliance reports of all EC conditions on our website in the compliance section.

	their website and update the same on half-yearly basis.	Snapshot of BEIL website is attached as Annexure -34.
9.4	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal	Complied. We are submitting compliance of EC every six months on the Parivesh portal.
9.5	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms /conditions and/or shareholder's/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	Complied. We have well laid down Environment policy approved by directors and same is attached as Annexure -35.
9.6	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.	Complied. A full-fledged laboratory, well-qualified and experienced staff is appointed in the environment cell. The details are as given below: Environment Cell at Site: <ol style="list-style-type: none"> 1. Mr. Manoj Patel: Sr. Vice President – Project (BE Civil) 2. Mr. Atul Agrawal: Vice President (B.E. Mechanical and Post Diploma in Environmental Technology) 3. Ms. Rakshita Vyas: GM– Environment (M.Sc. Env. Science) 4. Mr. Narendra Patel: Head, Environment Laboratory (M.Sc. in organic chemistry) Corporate Environment Cell: <ol style="list-style-type: none"> 1. Mr. B.D. Dalwadi - CEO - (BE – Chemical) 2. Dr. P N Parameswaran: Advisor – Environment
9.7	Action plan for implementing EMP and environmental conditions along with responsibility	Complied.

	matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.	EMP Compliance is attached as Annexure -19 . A separate account (Escrow account) is maintained for environment protection. These funds are not diverted for any other activity. The details are submitted quarterly.
9.8	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Complied. Environment Audit is done every year by Scheduled-I auditor recognized by GPCB on half yearly basis and same is submitted to GPCB. Ack of Environment audit report is attached as Annexure -06 .
9.9	The project proponent shall submit the environmental statement for each financial year in FormV to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Complied. Every year we submit the Environmental Statement (Form – V) to the GPCB Regional Office Bharuch and to GPCB Gandhinagar. It is also uploaded on the website of the company.
9.10	The criteria pollutant levels namely, PM2.5, PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain	Complied. We have installed a digital display board at the main entry gate that displays all the required data and monitoring parameters
9.11	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Complied. We inform the GPCB from time to time about the status of the project
9.12	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted. We are complying with all the conditions stipulated in the CCA issued by the GPCB.
9.13	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Noted.
9.14	No further expansion or modifications in the plant shall be carried out without prior approval of the	Noted.

	Ministry of Environment, Forests and Climate Change (MoEF&CC).	
9.15	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted.
9.16	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted.
9.17	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted.
9.18	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	Noted.
9.19	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts/NGT and any other Court of Law relating to the subject matter.	Noted.
9.20	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.

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

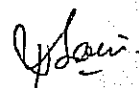
To,
The Dy.General Manager
Bharuch Enviro. Infrastructures Ltd.,
Plot No.9701-16, GIDC Estate, P.B.No.82,
ANKLESHWAR - 393 002.

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 ≈ ≈

B. E. I. L.	
05 MAY 2012	
Inward No.....	242
Time.....	14:20

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

(April -2012)

GEOHYDROLOGIST
REGIONAL DATA CENTRE
VASNA BARRAGE
VASNA
AHMEDABAD

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

AIM OF STUDY

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

INTRODUCTION

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

LOCATION AND EXTENT

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

PHYSIOGRAPHY

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

DRAINAGE

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

CLIMATE

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

GEOLOGY

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

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

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

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

GEOHYDROLOGY:

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

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

GROUNDWATER FLOW:

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

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

GROUNDWATER SEASONAL FLUCTUATIONS:

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

GROUND WATER QUALITY:

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

CONCLUSIONS:

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

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.

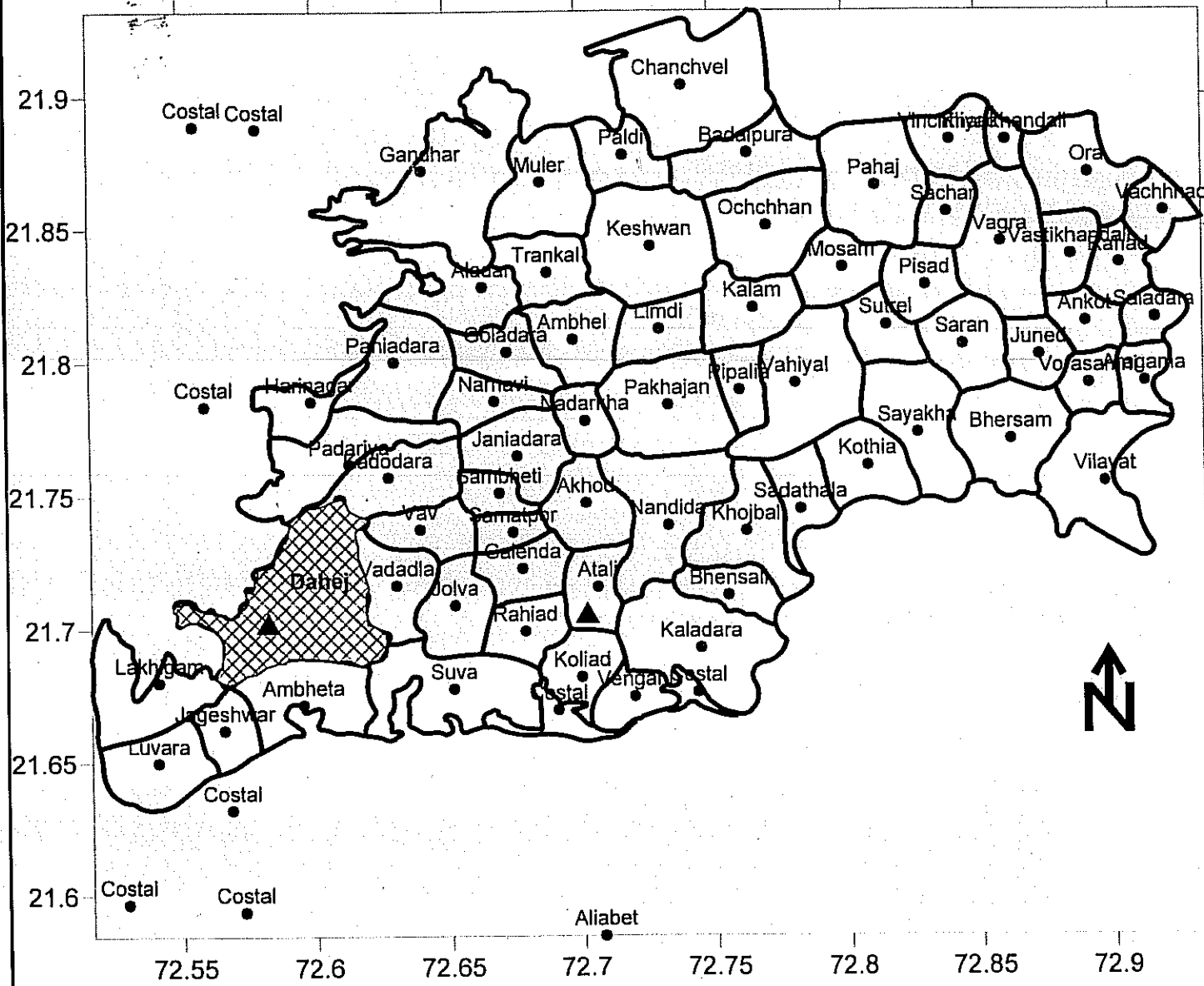
The details of set of bores comprising one piezometer nest to be drilled are mentioned below.

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

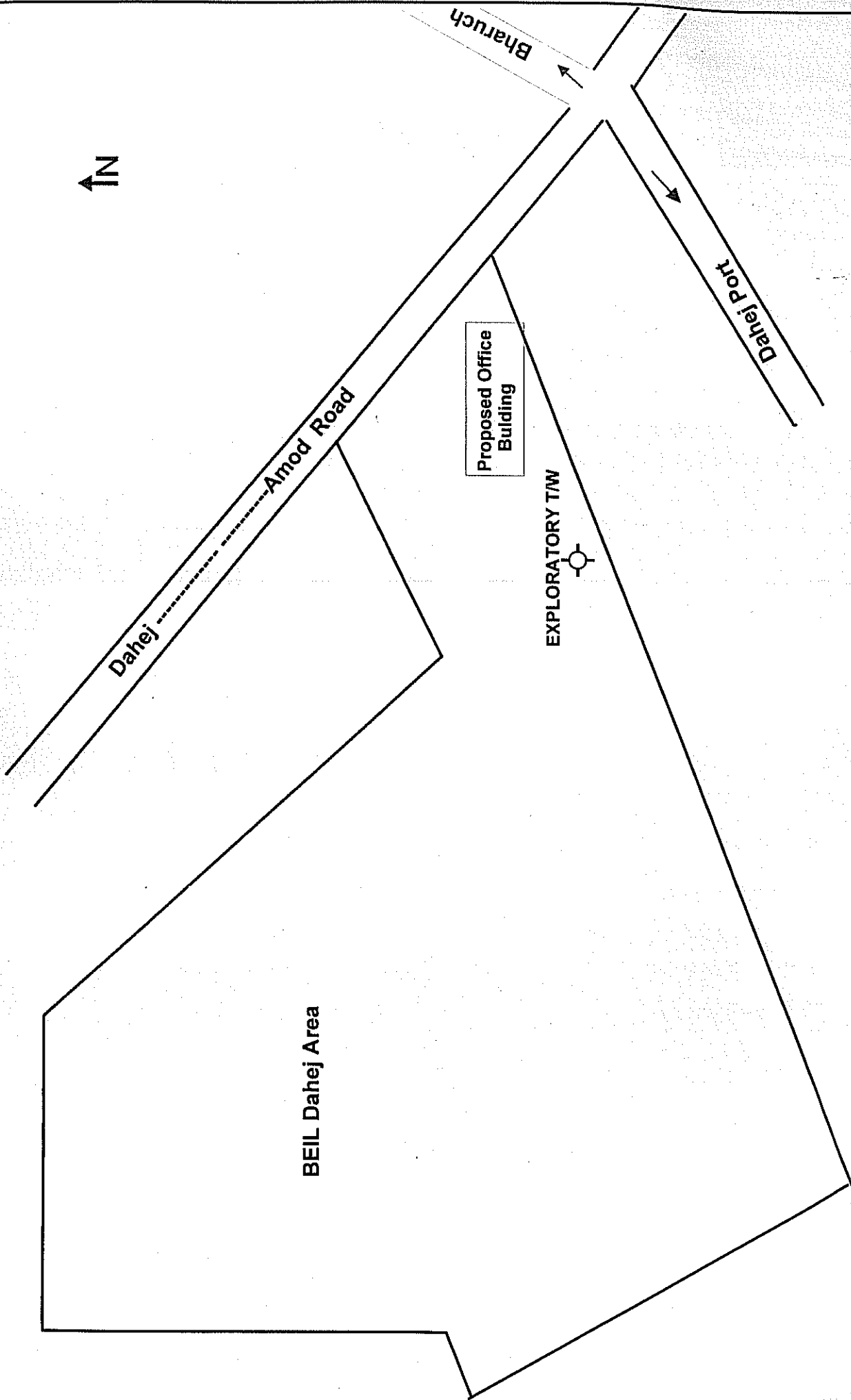


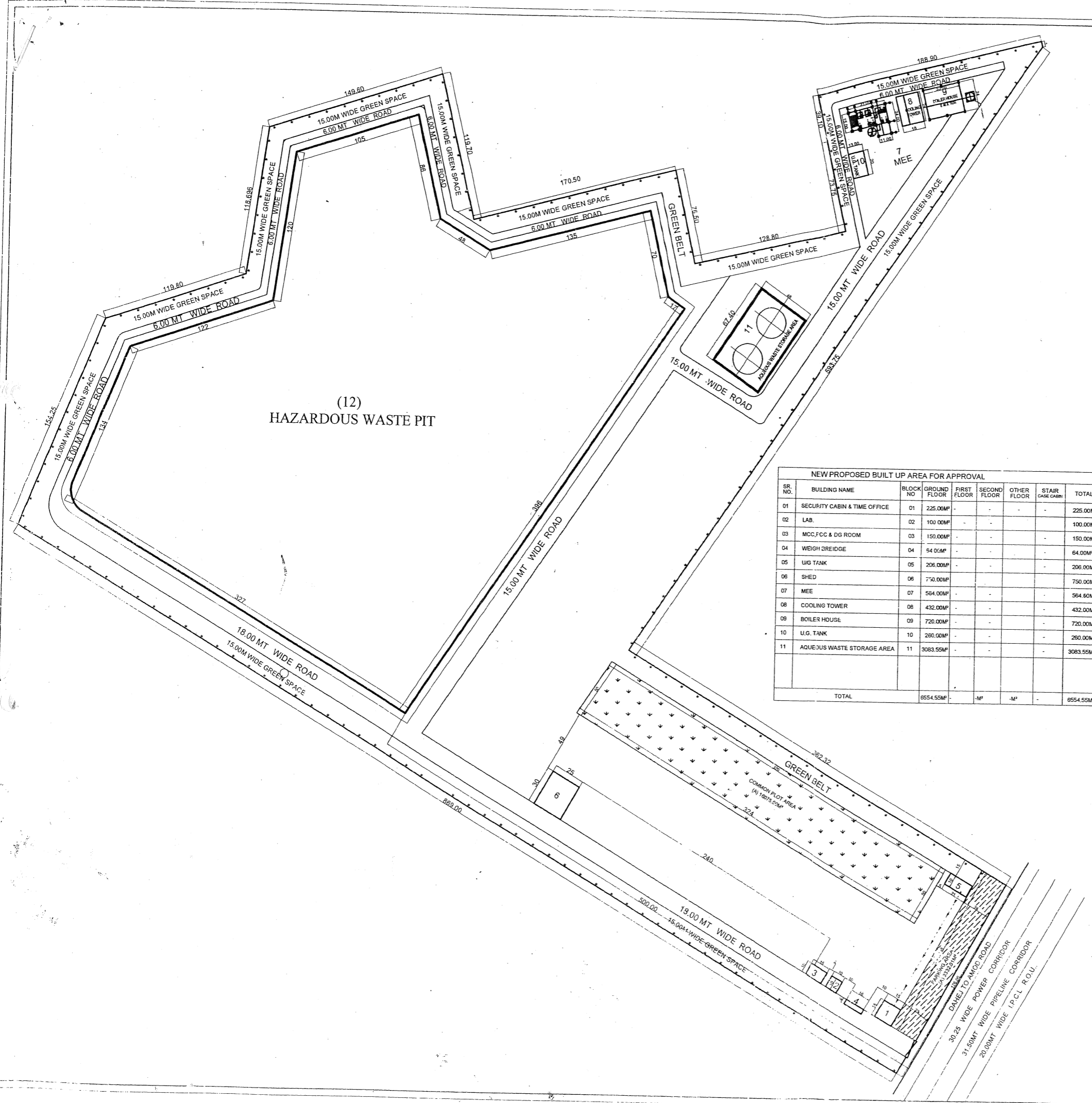
INDEX

-  VILLAGE DAHEJ
-  MONITORING PIEZOMETER

Plate-II

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





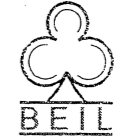
(12)
HAZARDOUS WASTE PIT

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	225.00M ²	-	-	-	-	225.00M ²
02	LAB.	02	100.00M ²	-	-	-	-	100.00M ²
03	MCC, FCC & DG ROOM	03	150.00M ²	-	-	-	-	150.00M ²
04	WEIGH BRIDGE	04	54.00M ²	-	-	-	-	54.00M ²
05	UG TANK	05	206.00M ²	-	-	-	-	206.00M ²
06	SHED	06	750.00M ²	-	-	-	-	750.00M ²
07	MEE	07	584.00M ²	-	-	-	-	584.00M ²
08	COOLING TOWER	08	432.00M ²	-	-	-	-	432.00M ²
09	BOILER HOUSE	09	720.00M ²	-	-	-	-	720.00M ²
10	U.G. TANK	10	260.00M ²	-	-	-	-	260.00M ²
11	AQUEOUS WASTE STORAGE AREA	11	3083.55M ²	-	-	-	-	3083.55M ²
TOTAL			6554.55M ²	-M ²	-M ²	-	-	6554.55M ²

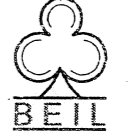
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GENERAL LAYOUT

PROJECTS :
CONSTRUCTION OF SECURED LANDFILL FACILITY



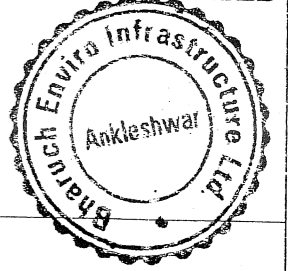
BHARUCH ENVIRO INFRASTRUCTURE LIMITED
PLOT NO: 43, GIDC, DAHEJ

DESIGN & DRAWN BY :



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

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

Handwritten signature

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

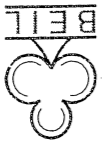
DRG NO	REV.	DATE
BEIL-LAY-01		26.09.13
ALL DIMENSIONS SHOWN ARE IN METER		SCALE N.T.S.

NAME OF DRAWING

PLAN OF LANDFILL

PROJECTS :

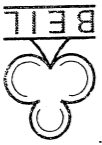
CONSTRUCTION OF SECURED LANDFILL FACILITY



BHARUCH ENVIRO INFRASTRUCTURE LIMITED

PLOT NO: 43, GIDC, DAHEJ

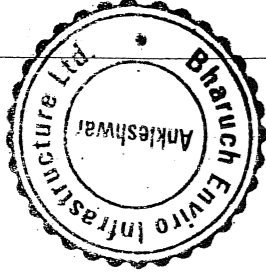
DESIGN & DRAWN BY :



BHARUCH ENVIRO INFRASTRUCTURE LIMITED

PLOT NO: 43, GIDC, DAHEJ

Ankeshwar



APPROVED BY

INDIAN INSTITUTE OF TECHNOLOGY,
NEW DELHI

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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,

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

(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.



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Date: 11.04.2022

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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.


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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 05.05.2023, inspection of Cell-7,8,9, and 10, review of records and associated documents.

It is noted that the four cells are being taken up together for increase in base area which results in improved efficiency in operation and levelling of waste as well as less inclination of slope on working face. The extra area at the base allows flexibility in the sequence of filling operations.

REVIEW REPORT

1. Construction of Cell-7,8,9,10

- Construction of Cell- 7,8,9,10 Completed, Inspected during site visit.
- All components installed as per design.
- Side slopes as per design
- Geosynthetic materials and soil layers as per specifications.
- Thickness of components adequate.
- Drainage layers as per design.
- Separation and filtration layers as per design.

2. Landfill Design

Design, construction, and operating methodology is satisfactory.

3. Landfill Layout

Layouts meets requirements of phased operation.

4. Landfill Section

Landfill side slopes, liner and cover provisions are as per design.

5. Phased Operation

Operation is in yearly phases.

- 6. Leachate Quantity**
Minimized by temporary covering during monsoons. All leachate pumped out and treated.
- 7. Liner System**
In accordance with HW landfill guidelines. All essential component (Including HDPE Geomembrane and barrier soil layer) meets minimum requirements as per guidelines.
- 8. Leachate Collection and Removal**
Leachate collection layer, drainage slopes, collection sump, leachate well and other components all comply with HW guidelines
- 9. Leachate Management**
Spray Drier and MEE.
- 10. Gaseous Emissions Management**
Gas collection layer and passive venting provided in design.
- 11. Final Cover System**
Gas collection layer, barrier layer, HDPE geomembrane, drainage layer, topsoil, and vegetation grass / rubble + vegetation meet HW guidelines.
- 12. Surface Water Drainage System**
Berms, drainage channels and surface water drain provided adequately.
- 13. Slope Stability**
Slope inclination as per design.
- 14. Site Infrastructure**
Boundary wall, road, laboratory, drainage system, weighbridge, waste inspection, temporary storage, waste stabilization facilities as per standards
- 15. Environmental Monitoring System**
Ground water wells for monitoring.
- 16. Site Development**
Well planned.
- 17. Record Keeping**
Satisfactory.
- 18. Waste Inspection**
Adequate facilities.
- 19. Phase Development and operation**
Yearly
- 20. Phase Closure**
HW cover system provided on completion of each phase (or part thereof).
- 21. Landfill Closure**
Progressive closure and joining of cover system with completion of each phase.
- 22. Vegetative Cover**
Local vegetation or grass / rubble with local vegetation
- 23. 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-7,8,9, 10 had been completed in all respects as per CPCB Guidelines and drawings approved by IIT Delhi.

Cell-7,8,9,10 is now ready to receive the waste.



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April 22nd 2024

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 20.04.2024, inspection of Cell-11,12 and 13, review of records and associated documents.

It is noted that the three cells are being taken up together for increase in base area which results in improved efficiency in operation and levelling of waste as well as less inclination of slope on working face. The extra area at the base allows flexibility in the sequence of filling operations.

Review Report

Construction of Cell-
11,12,13:

- (a) Construction of Cell – 11, 12 and 13 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, topsoil, 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-11,12,13 had been completed in all respects as per CPCB Guidelines and drawings approved by IIT Delhi.

Cell-11,12,13 is now ready to receive the waste.


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Annexure-01**Compliance of CPCB Criteria for Hazardous waste landfill**

Sr. No.	Conditions	Status
1.	<p>Location Criteria:</p> <ul style="list-style-type: none"> - Lake or Pond: 200 Mtrs - River: 100 Mtrs - Flood plain: 100 years - Highway: 500 Mtrs - Habitation: 500 Mtrs - Public Parks: 500 Mtrs - Critical habitat Area: No landfill - Wetlands: No landfill - Airport: No Landfill - Water Supply: 500 Mtrs - Coastal Regulation Zone: No landfill - Ground Water table level: < 2 meters below the base 	<p>Complied</p> <p>Landfill is located in Vagra Taluka fulfilling all the criteria mentioned in the guidelines.</p> <ul style="list-style-type: none"> • 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.	<p>Planning And Design criteria:</p>	<p>Complied</p>
	<p>1. Essential Components:</p> <ul style="list-style-type: none"> - Liner System at base and sides of landfill - A leachate collection and treatment facility - Gas collection and treatment facility - Final cover system at top - Surface water drainage system - Environmental monitoring system - Closure and post closure plan 	<p>Appropriate base and sideliners has been provided according to the criteria. Leachate collection wells (Total 7 wells for the cell 1, cell 2 & cell 5, cell 3, cell 4, cell 6, cell 7, cell 8, cell 9 & cell 10 & 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 cells 2 & 5 are partially capped, Surface water drainage system is provided.</p>
<p>2. Phased Operation:</p> <ul style="list-style-type: none"> - During the monsoon months the waste may stockpiled in a temporary holding 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. 	<p>Complied.</p> <p>Landfill site operation is being suspended during the 4 months of monsoon. We have constructed monsoon landfill cell of capacity 40,000 MT having impervious bottom and roof cover has been provided. Landfill which is in operation is covered with tarpaulin during these periods.</p>	

<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.</p> <p>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 7 wells for the cell 1, cell2 & cell5, cell3, cell4, cell6, cell7,cell 8,cell 9,cell 10 & Monsoon cell) has been provided and collected leachate is treated onsite inMEE. 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 cells 2 & 5 are partially capped.</p>
<p>6. Final Cover System</p>	<p>Complied.</p> <p>At present cell 1 is capped and cells 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> <ul style="list-style-type: none"> • Regular monitoring of leachate quality, air quality, and noise is being carried out. • Monitoring of

		groundwater, leachate, VOC generation, ambient air monitoring, noise monitoring has been conducted on regular basis.
	9. Closure and post closure maintenance plan:	Complied. At present only cell 1 is capped and cells 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 are regularly maintaining Escrow account for financial assurance criteria to meet closure and post closure activity of the landfill.
7.	Contingency Plan for Emergency	Complied. We have onsite emergency plan, which is updated on yearly basis and submitted to GPCB, RO.

ANNEXURE 04

BEIL Infrastructure Limited Dahej																	
Fingerprint Analysis by QA Department																	
NAME OF THE PRODUCT :					INDUSTRIAL WASTE FOR INCINERATION												
S No	DATE	LOT	SAMPLE	CHARACTERISTI	Ash Content	Calorific Value	Halogen (as Cl)	Loss On Drying at 1100C	Moisture Content (by KF)	Package Type	Physical State	Total Sulphur	Viscosity	pH	STATUS		
				CS													
				SPECIFICATION													
				UOM	%	cal/gm	%	%	%	Pack Style	Physical State	%	Viscosity				
BATCH NUMBER																	
1	01.09.25	50000232157	100240171	30181704	1.48	3785	1.57	2.44		Bag	Solid	0.44	NFF	8.36	Accepted		
2	01.09.25	50000232160	100240174	30181707	1.45	3850	1.44	2.52		Drum	Solid	0.33	NFF	7.64	Accepted		
3	01.09.25	50000232164	100240178	30181711	1.64	3644	1.7	3.24		Bag	Solid	0.53	NFF	7.51	Accepted		
4	01.09.25	50000232203	100240217	30181741	1.49	3640	1.68	3.12		Bag	Solid	0.4	NFF	7.47	Accepted		
5	01.09.25	50000232489	100240508	30181912	1.38	2867	9.5	83.22	4.72	Drum	Organic Liquid	0.48	FF	1.29	Accepted		
6	01.09.25	50000232597	100240618	30182009	1.64	3883	1.31	2.57		Bag	Solid	0.32	NFF	7.18	Accepted		
7	02.09.25	50000232697	100240718	30182109	1.58	3859	1.77	2.66		Bag	Solid	0.54	NFF	7.68	Accepted		
8	02.09.25	50000232679	100240700	30182091	1.44	3722	1.58	2.57		Bag	Solid	0.41	NFF	7.27	Accepted		
9	02.09.25	50000232681	100240702	30182093	1.52	3906	1.5	2.62		Bag	Solid	0.49	NFF	6.72	Accepted		
10	02.09.25	50000232691	100240712	30182104	1.39	3855	1.55	2.96		Bag	Solid	0.34	NFF	5.72	Accepted		
11	02.09.25	50000232707	100240728	30182119	1.56	3725	1.43	2.48		Bag	Solid	0.3	NFF	6.6	Accepted		
12	02.09.25	50000232714	100240735	30182126	28.97	1096	1.99	3.96		Bag	Solid	0.44	NFF	7.71	Accepted		
13	02.09.25	50000232762	100240783	30182172	1.73	3661	1.67	3.16		Bag	Solid	0.51	NFF	8.42	Accepted		
14	02.09.25	50000232767	100240788	30182175	1.55	3854	1.32	3.09		Bag	Solid	0.34	NFF	8.2	Accepted		
15	02.09.25	50000232775	100240796	30182183	1.59	3668	1.86	3.12		Bag	Solid	0.54	NFF	8.12	Accepted		
16	02.09.25	50000232784	100240805	30182192	1.52	3878	1.6	2.49		Bag	Solid	0.42	NFF	6.74	Accepted		
17	02.09.25	50000232789	100240810	30182197	1.64	3079	1.37	2.18		Drum	Solid	0.37	NFF	7.39	Accepted		
18	02.09.25	50000232975	100240996	30182269	1.33	3770	36.43	64.37		Drum	Semi solid	1.04	NFF	5.36	Accepted		
19	02.09.25	50000233078	100241108	30182365	1.56	3884	1.2	2.77		Bag	Solid	0.18	NFF	11.25	Accepted		
20	02.09.25	50000233159	100241219	30182442	1.53	3926	1.31	2.68		Bag	Solid	0.32	NFF	7.18	Accepted		
21	02.09.25	50000233162	100241222	30182445	1.46	3882	1.23	2.26		Bag	Solid	0.37	NFF	5.8	Accepted		
22	02.09.25	50000232724	100240745	30182136	1.15	430	1.66	90.74	81.67	Drum	Aqueous Liquid	0.66	FF	6.31	Accepted		
23	02.09.25	50000232968	100240989	30182262	1.16	3238	24.07	74.39	5.68	Drum	Organic Liquid	0.34	FF	1.2	Accepted		
24	03.09.25	50000233242	100241302	30182525	1.93	3797	1.44	3.68		Drum	Solid	0.37	NFF	7.1	Accepted		
25	03.09.25	50000233265	100241325	30182548	2.04	3592	24.67	17.16		Bag	Solid	0.51	NFF	3.79	Accepted		
26	03.09.25	50000233276	100241336	30182559	1.38	3874	1.35	3.27		Bag	Solid	0.41	NFF	7.44	Accepted		
27	03.09.25	50000233607	100241684	30182780	1.58	2952	24.27	71.45		Drum	Semi solid	0.96	NFF	4.71	Accepted		
28	03.09.25	50000233678	100241755	30182843	1.66	392	7.55	3.19		Drum	Solid	1.36	NFF	7.85	Accepted		
29	03.09.25	50000233679	100241756	30182847	1.32	3881	1.37	4.16		Bag	Solid	0.42	NFF	7.12	Accepted		
30	03.09.25	50000233248	100241308	30182531	1.63	3919	1.68	2.38		Bag	Solid	0.54	NFF	7.5	Accepted		
31	02.09.25	50000232736	100240757	30182148	1.44	3750	1.25	3.04		Bag	Solid	0.22	NFF	7.19	Accepted		
32	02.09.25	50000233156	100241216	30182439	1.33	3827	1.38	2.14		Bag	Solid	0.25	NFF	6.75	Accepted		
33	02.09.25	50000232743	100240764	30182155	0.94	3771	1.75	88.13	32.32	Drum	Organic Liquid	2.6	FF	9.34	Accepted		
34	03.09.25	50000233681	100241758	30182849	1.4	3853	1.46	2.6		Bag	Solid	0.39	NFF	5.52	Accepted		

35	02.09.25	50000233164	100241224	30182447	0.96	3560	30.42	86.2	3.75	Drum	Organic Liquid	0.43	FF	1.95	Accepted
36	03.09.25	50000233297	100241357	30182580	0.82	4329	26.3	76.36	10.68	Drum	Organic Liquid	0.45	FF	2.68	Accepted
37	03.09.25	50000233434	100241500	30182616	6.19	453	4.49	72.57		Drum	Semi solid	0.22	NFF	9.03	Accepted
38	04.09.25	50000233850	100241936	30183018	1.07	4010	1.38	2.96		Bag	Solid	0.39	NFF	7.31	Accepted
39	04.09.25	50000233839	100241925	30183007	0.96	3623	20.28	52.79		Drum	Semi solid	2.18	NFF	4.24	Accepted
40	04.09.25	50000233859	100241945	30183027	1.69	3646	1.3	2.54		Bag	Solid	0.43	NFF	8.21	Accepted
41	04.09.25	50000233868	100241954	30183036	1.81	3956	1.47	2.6		Bag	Solid	0.33	NFF	5.26	Accepted
42	04.09.25	50000233864	100241950	30183032	1.2	3958	1.26	2.08		Bag	Solid	0.27	NFF	5.81	Accepted
43	04.09.25	50000233882	100241968	30183050	1.16	3428	34.47	80.75	2.26	Tanker	Organic Liquid	0.18	FF	3.3	Accepted
44	04.09.25	50000233903	100241997	30183071	1.52	3280	16.59	53.23		Drum	Semi solid	0.52	NFF	3.18	Accepted
45	04.09.25	50000234104	100242210	30183165	2.05	628	3.52	80.65	83.07	Drum	Aqueous Liquid	2.19	FF	10.62	Accepted
46	04.09.25	50000233746	100241823	30182914	1.41	3895	1.89	2.33		Bag	Solid	0.61	NFF	5.6	Accepted
47	04.09.25	50000233750	100241827	30182918	1.05	3760	1.52	2.47		Bag	Solid	0.54	NFF	8.25	Accepted
48	04.09.25	50000233757	100241834	30182925	1.61	3853	1.23	3.86		Bag	Solid	0.28	NFF	5.81	Accepted
49	04.09.25	50000233759	100241836	30182927	1.62	4029	1.46	2.65		Bag	Solid	0.49	NFF	7.44	Accepted
50	04.09.25	50000233794	100241871	30182962	1.77	3909	1.64	2.23		Bag	Solid	0.51	NFF	7.36	Accepted
51	04.09.25	50000233784	100241861	30182953	1.64	5077	29.17	88.13	4.41	Drum	Organic Liquid	0.28	FF	10.04	Accepted
52	04.09.25	50000233877	100241963	30183045	2.86	3089	33.87	68.73		Drum	Semi solid	0.48	NFF	3.26	Accepted
53	04.09.25	50000233780	100241857	30182948	1.23	3912	1.14	2.94		Bag	Solid	0.21	NFF	4.15	Accepted
54	04.09.25	50000234164	100242274	30183225	4.39	2293	1.05	62.2		Drum	Semi solid	0.2	NFF	11.35	Accepted
55	06.09.25	50000235084	100243215	30183899	11.24	3839	1.3	3.58		Bag	Solid	0.44	NFF	8.2	Accepted
56	06.09.25	50000235078	100243209	30183893	1.04	2708	19.05	79.63	4.59	Drum	Organic Liquid	0.55	FF	0.5	Accepted
57	05.09.25	50000234682	100242802	30183622	1.44	3864	1.4	2.85		Bag	Solid	0.32	NFF	7.32	Accepted
58	05.09.25	50000234526	100242640	30183472	1.52	3973	1.56	2.44		Bag	Solid	0.44	NFF	6.89	Accepted
59	05.09.25	50000234501	100242615	30183447	1.73	3904	1.17	2.77		Bag	Solid	0.2	NFF	7.92	Accepted
60	06.09.25	50000234879	100242999	30183820	1.67	3798	1.42	3.79		Bag	Solid	0.59	NFF	8.24	Accepted
61	06.09.25	50000234877	100242997	30183817	1.35	3956	1.18	2.82		Bag	Solid	0.34	NFF	7.41	Accepted
62	06.09.25	50000234835	100242955	30183776	0.85	3857	1.59	82.48	31.21	Drum	Organic Liquid	2.54	FF	9.24	Accepted
63	06.09.25	50000234823	100242943	30183763	1.87	4633	1.22	3.57		Bag	Solid	0.15	NFF	8.42	Accepted
64	06.09.25	50000234832	100242952	30183772	1.55	3853	1.23	3.88		Bag	Solid	0.28	NFF	7.7	Accepted
65	06.09.25	50000234830	100242950	30183770	2.41	3820	1.31	3.25		Bag	Solid	0.41	NFF	5.74	Accepted
66	05.09.25	50000234517	100242631	30183463	1.6	5063	1.26	6.26		Bag	Solid	0.54	NFF	4.84	Accepted
67	05.09.25	50000234366	100242480	30183427	1.35	3862	1.31	2.82		Bag	Solid	0.5	NFF	7.84	Accepted
68	05.09.25	50000234354	100242468	30183415	1.26	3840	1.26	2.59		Bag	Solid	0.43	NFF	5.13	Accepted
69	05.09.25	50000234345	100242459	30183406	2.13	3840	1.36	3.18		Bag	Solid	0.37	NFF	4.89	Accepted
70	07.09.25	50000235592	100243733	30184285	1.63	2240	27.11	68.34		Drum	Semi solid	0.58	NFF	2.3	Accepted
71	07.09.25	50000235567	100243708	30184260	0.92	2589	14.47	82.76	5.23	Drum	Organic Liquid	0.49	FF	0.62	Accepted
72	07.09.25	50000235478	100243619	30184175	1.32	4177	1.61	2.9		Bag	Solid	0.29	NFF	8.39	Accepted
73	07.09.25	50000235347	100243488	30184161	1.37	4009	1.8	2.22		Bag	Solid	0.29	NFF	8.49	Accepted
74	07.09.25	50000235344	100243485	30184158	1.78	4424	1.7	3.15		Bag	Solid	0.37	NFF	8.79	Accepted
75	07.09.25	50000235319	100243460	30184133	1.06	3843	1.16	2.59		Bag	Solid	0.27	NFF	8.57	Accepted
76	07.09.25	50000235313	100243454	30184127	1.44	4004	1.04	2.66		Bag	Solid	0.27	NFF	8.39	Accepted
77	07.09.25	50000235271	100243412	30184085	1.64	3795	1.91	2.46		Bag	Solid	0.27	NFF	8.19	Accepted
78	07.09.25	50000235615	100243756	30184308	1.15	2876	32.74	72.83	2.73	Drum	Organic Liquid	0.62	FF	0.74	Accepted
79	07.09.25	50000235638	100243779	30184331	1.62	3863	1.32	2.88		Bag	Solid	0.33	NFF	7.25	Accepted
80	08.09.25	50000236085	100244247	30184703	1.42	3697	1.07	2.89		Bag	Solid	0.28	NFF	6.23	Accepted
81	08.09.25	50000236050	100244212	30184669	1.17	3696	1.24	2.17		Bag	Solid	0.33	NFF	8.1	Accepted
82	08.09.25	50000236044	100244206	30184662	1.11	3915	1.16	2.7		Bag	Solid	0.3	NFF	7.98	Accepted

83	08.09.25	50000236013	100244175	30184631	0.78	4124	1.38	68.7		Drum	Semi solid	0.38	NFF	4.1	Accepted
84	08.09.25	50000235766	100243918	30184459	1.54	3726	1.8	2.68		Bag	Solid	0.34	NFF	6.07	Accepted
85	08.09.25	50000235722	100243863	30184415	1.05	3590	24.56	10.13		Bag	Solid	0.56	NFF	3.8	Accepted
86	08.09.25	50000235693	100243834	30184386	0.78	3366	34.68	82.13	7.58	Drum	Organic Liquid	0.29	FF	9.42	Accepted
87	08.09.25	50000235678	100243819	30184372	0.92	3972	1.54	3.11		Bag	Solid	0.48	NFF	5.41	Accepted
88	09.09.25	50000236644	100244822	30185127	0.92	3422	29.43	81.96	5.39	Drum	Organic Liquid	0.48	FF	1.16	Accepted
89	09.09.25	50000236632	100244810	30185115	5.8	3276	1.56	3.17		Bag	Solid	0.4	NFF	6.9	Accepted
90	09.09.25	50000236626	100244804	30185111	1.52	3816	1.38	2.59		Bag	Solid	0.38	NFF	6.82	Accepted
91	09.09.25	50000236557	100244735	30185042	1.07	2734	20.11	86.13	5.28	Drum	Organic Liquid	0.59	FF	0.56	Accepted
92	09.09.25	50000236480	100244650	30184965	1.46	3897	1.16	2.96		Bag	Solid	0.2	NFF	6.4	Accepted
93	09.09.25	50000236305	100244467	30184900	1.55	3789	1.3	2.62		Bag	Solid	0.4	NFF	6.2	Accepted
94	09.09.25	50000236286	100244448	30184880	7.18	2218	1.32	3.18		Bag	Solid	0.3	NFF	7.17	Accepted
95	09.09.25	50000236279	100244441	30184873	1.62	3987	1.54	2.65		IBC	Solid	0.52	NFF	6.41	Accepted
96	09.09.25	50000236270	100244432	30184864	33.75	934	2.06	2.71		Bag	Solid	0.66	NFF	6.29	Accepted
97	09.09.25	50000236266	100244428	30184861	30.13	1201	1.33	2.16		Bag	Solid	0.31	NFF	6.52	Accepted
98	09.09.25	50000236261	100244423	30184855	1.66	7655	1.72	78.87	2.68	Drum	Organic Liquid	0.29	FF	6.88	Accepted
99	09.09.25	50000236227	100244389	30184821	1.23	4028	1.52	2.94		Bag	Solid	0.48	NFF	7.24	Accepted
100	09.09.25	50000236209	100244371	30184803	1.62	3828	1.65	2.65		Bag	Solid	0.52	NFF	6.1	Accepted
101	09.09.25	50000236193	100244355	30184788	0.96	3609	1.39	2.14		Bag	Solid	0.31	NFF	5.2	Accepted
102	09.09.25	50000236189	100244351	30184783	1.57	3947	1.92	2.63		Bag	Solid	0.58	NFF	5.64	Accepted
103	09.09.25	50000236183	100244345	30184777	1.92	3865	1.49	2.22		Bag	Solid	0.44	NFF	6.18	Accepted
104	09.09.25	50000236181	100244343	30184775	1.87	3889	1.81	2.67		Bag	Solid	0.37	NFF	6.34	Accepted
105	10.09.25	50000237232	100245425	30185592	1.62	3374	1.3	2.82		Bag	Solid	0.39	NFF	6.92	Accepted
106	10.09.25	50000237151	100245344	30185512	1.1	2689	32.04	82.36	6.41	Drum	Organic Liquid	0.52	FF	0.52	Accepted
107	10.09.25	50000236965	100245150	30185330	1.77	3959	1.4	3.61		Bag	Solid	0.29	NFF	4.4	Accepted
108	10.09.25	50000236963	100245148	30185328	1.32	3994	1.42	3.24		Bag	Solid	0.44	NFF	5.51	Accepted
109	10.09.25	50000236839	100245024	30185322	1.81	3906	1.67	2.72		Bag	Solid	0.56	NFF	7.64	Accepted
110	10.09.25	50000236795	100244976	30185278	1.63	3827	1.89	2.22		Drum	Solid	0.61	NFF	4.81	Accepted
111	10.09.25	50000236751	100244929	30185234	1.59	3771	1.32	2.7		Bag	Solid	0.3	NFF	8.2	Accepted
112	10.09.25	50000236742	100244920	30185225	1.8	3831	1.47	2.96		Bag	Solid	0.36	NFF	5.62	Accepted
113	09.09.25	50000236203	100244365	30184797	1.09	3377	33.9	78.2	5.93	Jacketed Tanker	Organic Liquid	0.68	FF	2.7	Accepted
114	10.09.25	50000237198	100245391	30185558	1.58	3838	1.11	2.83		Bag	Solid	0.33	NFF	5.1	Accepted
115	11.09.25	50000237374	100245567	30185734	17.32	2354	13.74	7.17		Bag	Solid	0.65	NFF	10.48	Accepted
116	11.09.25	50000237367	100245560	30185727	2.2	4989	1.6	58.65		Drum	Semi solid	0.59	NFF	10.84	Accepted
117	11.09.25	50000237364	100245557	30185723	1.77	4021	1.42	3.33		Drum	Solid	0.52	NFF	7.11	Accepted
118	11.09.25	50000237360	100245553	30185720	1.48	3330	1.23	2.24		IBC	Solid	0.32	NFF	6.51	Accepted
119	11.09.25	50000237277	100245470	30185637	1.39	3140	17.08	76.64	5.20	Drum	Organic Liquid	0.72	FF	1.18	Accepted
120	11.09.25	50000237278	100245471	30185638	1.44	3722	1.45	2.38		Drum	Solid	0.33	NFF	6.28	Accepted
121	11.09.25	50000237294	100245487	30185654	1.3	3569	24.37	9.86		Bag	Solid	0.5	NFF	3.89	Accepted
122	11.09.25	50000237297	100245490	30185657	1.36	3845	1.28	3.43		Bag	Solid	0.3	NFF	8.25	Accepted
123	11.09.25	50000237328	100245521	30185686	20.93	564	6.67	53.51		Drum	Semi solid	0.61	NFF	11.27	Accepted
124	11.09.25	50000237304	100245497	30185664	1.27	3846	1.2	3.14		Bag	Solid	0.26	NFF	8.1	Accepted
125	12.09.25	50000238246	100246457	30186345	1.58	3109	1.3	2.99		Bag	Solid	0.41	NFF	7.23	Accepted
126	12.09.25	50000238296	100246511	30186398	1.36	3546	1.27	2.42		Drum	Solid	0.32	NFF	7.26	Accepted
127	12.09.25	50000238193	100246402	30186299	1.54	3901	1.31	2.63		Bag	Solid	0.28	NFF	6.72	Accepted
128	12.09.25	50000238156	100246365	30186265	1.64	3918	1.39	2.76		Bag	Solid	0.55	NFF	6.61	Accepted
129	12.09.25	50000238041	100246250	30186159	1.26	3300	14.23	68.74		Drum	Semi solid	0.72	NFF	4.61	Accepted
130	12.09.25	50000238304	100246519	30186406	28.42	641	1.48	3.23		Bag	Solid	0.39	NFF	5.25	Accepted

131	12.09.25	50000237825	100246032	30186055	1.32	3842	1.43	2.98		Bag	Solid	0.28	NFF	5.77	Accepted
132	12.09.25	50000238297	100246512	30186399	3.5	2553	11.57	65.67		Drum	Solid	0.45	NFF	3.35	Accepted
133	13.09.25	50000238379	100246594	30186480	1.26	4115	1.06	3.02		Bag	Solid	0.29	NFF	7.11	Accepted
134	13.09.25	50000238381	100246596	30186483	1.57	3703	1.34	2.68		Bag	Solid	0.32	NFF	7.23	Accepted
135	13.09.25	50000238391	100246606	30186493	9.37	2738	16.6	5.88		Bag	Solid	0.68	NFF	10.34	Accepted
136	12.09.25	50000237910	100246119	30186140	1.05	2035	13.89	90.88	31.47	Drum	Aqueous Liquid	0.49	FF	5.37	Accepted
137	12.09.25	50000237909	100246118	30186139	2.55	3436	27.19	3.84		Bag	Solid	0.22	NFF	5.2	Accepted
138	12.09.25	50000237904	100246113	30186134	0.92	4184	20.3	66.27		Drum	Semi solid	0.12	NFF	5.84	Accepted
139	12.09.25	50000237878	100246085	30186108	1.61	3770	1.7	2.56		Bag	Solid	0.6	NFF	7.41	Accepted
140	12.09.25	50000237881	100246088	30186111	0.72	4318	2.06	87.11	4.88	Drum	Organic Liquid	2.43	FF	6.91	Accepted
141	12.09.25	50000237838	100246045	30186067	1.72	2529	1.36	3.33		Bag	Solid	0.33	NFF	7.68	Accepted
142	12.09.25	50000237834	100246041	30186064	1.13	364	1.95	89.16	82.76	Tanker	Aqueous Liquid	1.88	FF	3.88	Accepted
143	12.09.25	50000237822	100246029	30186052	1.47	3755	1.61	2.72		Bag	Solid	0.4	NFF	5.44	Accepted
144	12.09.25	50000237816	100246023	30186046	1.19	3552	1.72	3.24		Bag	Solid	0.62	NFF	5.88	Accepted
145	12.09.25	50000237799	100246006	30186029	1.59	3785	1.51	2.48		Bag	Solid	0.46	NFF	6.29	Accepted
146	12.09.25	50000237796	100246003	30186026	1.63	3926	1.72	2.38		Bag	Solid	0.58	NFF	6.66	Accepted
147	14.09.25	50000239104	100247329	30187006	19.74	1.27	1.27	3.27		Bag	Solid	0.33	NFF	4.95	Accepted
148	14.09.25	50000238903	100247128	30186913	1.09	1940	21.59	85.14	2.41	Drum	Aqueous Liquid	0.71	FF	2.36	Accepted
149	14.09.25	50000238944	100247169	30186954	2.93	3327	29.37	4.14		Drum	Tarry	0.64	NFF	6.2	Accepted
150	14.09.25	50000239061	100247286	30186963	20.54	1063	34.59	6.17		Bag	Solid	0.28	NFF	5.15	Accepted
151	14.09.25	50000238909	100247134	30186919	4.97	3342	26.78	17.66		Bag	Solid	0.78	NFF	6.3	Accepted
152	14.09.25	50000238872	100247097	30186882	1.18	1147	1.04	91.13	80.39	Drum	Aqueous Liquid	0.34	FF	8.45	Accepted
153	14.09.25	50000238875	100247100	30186886	5.13	3124	1.87	3.88		Bag	Solid	0.46	NFF	5.3	Accepted
154	14.09.25	50000238865	100247090	30186876	1.74	2888	1.35	2.88		Bag	Solid	0.38	NFF	6.38	Accepted
155	14.09.25	50000238855	100247080	30186865	1.64	3986	1.42	2.76		Bag	Solid	0.5	NFF	6.1	Accepted
156	14.09.25	50000238852	100247077	30186862	1.67	3778	1.84	2.61		Bag	Solid	0.42	NFF	4.9	Accepted
157	14.09.25	50000238848	100247073	30186858	1.32	3382	1.25	3.13		Bag	Solid	0.46	NFF	7.48	Accepted
158	14.09.25	50000238843	100247068	30186853	1.59	3581	1.11	2.66		Bag	Solid	0.4	NFF	5.3	Accepted
159	14.09.25	50000238838	100247063	30186848	23.72	1082	1.23	3.58		Bag	Solid	0.36	NFF	8.9	Accepted
160	13.09.25	50000238800	100247025	30186810	1.48	3954	1.32	2.42		Bag	Solid	0.42	NFF	5.78	Accepted
161	13.09.25	50000238636	100246857	30186673	26.17	1233	1.32	3.26		Bag	Solid	0.32	NFF	7.12	Accepted
162	13.09.25	50000238512	100246727	30186558	1.62	3480	1.29	2.54		Drum	Solid	0.36	NFF	5.24	Accepted
163	13.09.25	50000238508	100246723	30186554	11.32	2045	1.36	3.08		Bag	Solid	0.43	NFF	6.78	Accepted
164	13.09.25	50000238506	100246721	30186551	23.66	1444	1.53	3.32		Bag	Solid	0.4	NFF	6.3	Accepted
165	13.09.25	50000238441	100246656	30186547	23.16	2281	1.55	2.97		Bag	Solid	0.48	NFF	7.23	Accepted
166	13.09.25	50000238405	100246620	30186507	9.98	2768	18.51	5.44		Bag	Solid	0.72	NFF	10.96	Accepted
167	15.09.25	50000239728	100247975	30187550	1.22	3880	1.12	3.21		Bag	Solid	0.38	NFF	7.12	Accepted
168	15.09.25	50000239719	100247966	30187541	8.14	2250	1.41	5.22		Drum	Solid	0.43	NFF	8.05	Accepted
169	15.09.25	50000239688	100247935	30187514	1.26	3872	1.14	2.96		Bag	Solid	0.32	NFF	5.8	Accepted
170	15.09.25	50000239632	100247879	30187458	0.76	4407	2.01	90.22	21.77	Drum	Organic Liquid	0.51	FF	3.56	Accepted
171	15.09.25	50000239511	100247741	30187337	1.83	3783	1.72	3.16		Bag	Solid	0.49	NFF	8.26	Accepted
172	15.09.25	50000239383	100247610	30187285	1.78	3692	1.02	3.11		Bag	Solid	0.18	NFF	7.14	Accepted
173	15.09.25	50000239381	100247608	30187283	2.18	3689	1.21	4.17		Bag	Solid	0.28	NFF	8.16	Accepted
174	15.09.25	50000239328	100247555	30187230	1.72	3661	1.39	3.08		Bag	Solid	0.4	NFF	7.58	Accepted
175	15.09.25	50000239326	100247553	30187228	1.07	335	1.51	89.53	77.94	Tanker	Aqueous Liquid	1.94	FF	3.7	Accepted
176	15.09.25	50000239325	100247552	30187227	1.54	3789	1.68	2.66		Bag	Solid	0.51	NFF	7.4	Accepted
177	14.09.25	50000239216	100247441	30187118	1.69	1410	14.58	64.28		Drum	Semi solid	0.52	NFF	1.28	Accepted
178	14.09.25	50000239214	100247439	30187116	0.94	3224	27.85	53.49		Drum	Semi solid	0.47	NFF	2.16	Accepted

179	14.09.25	50000239201	100247426	30187103	1.48	3894	1.34	2.54		Bag	Solid	0.27	NFF	6.25	Accepted
180	15.09.25	50000239735	100247982	30187557	4.92	2235	11.38	68.37		Drum	Semi solid	0.51	NFF	1.65	Accepted
181	15.09.25	50000239732	100247979	30187554	0.74	6569	1.44	86.18	5.22	Drum	Organic Liquid	0.53	FF	4.21	Accepted
182	15.09.25	50000239737	100247984	30187559	1.33	2513	21.39	17.21		Drum	Solid	0.67	NFF	3.21	Accepted
183	17.09.25	50000240262	100248525	30187948	1.44	3875	1.41	3.03		Bag	Solid	0.38	NFF	4.48	Accepted
184	17.09.25	50000240263	100248526	30187949	2.16	3991	1.55	3.63		Drum	Solid	0.49	NFF	7.15	Accepted
185	17.09.25	50000240266	100248529	30187952	1.54	3787	1.34	2.66		Bag	Solid	0.29	NFF	7.31	Accepted
186	17.09.25	50000240256	100248519	30187942	5.82	643	1.27	63.86		Drum	Semi solid	0.64	NFF	4.29	Accepted
187	17.09.25	50000240268	100248531	30187954	1.38	4007	1.27	2.98		Bag	Solid	0.33	NFF	4.9	Accepted
188	17.09.25	50000240271	100248534	30187957	1.63	3845	1.29	2.52		Bag	Solid	0.41	NFF	6.88	Accepted
189	17.09.25	50000240258	100248521	30187944	1.42	3182	25.36	68.75		Drum	Semi solid	1.18	NFF	2.81	Accepted
190	17.09.25	50000240288	100248551	30187974	1.55	3777	1.57	3.22		Bag	Solid	0.45	NFF	6.7	Accepted
191	17.09.25	50000240300	100248563	30187986	1.04	4595	1.41	69.72		Drum	Semi solid	0.22	NFF	5.79	Accepted
192	17.09.25	50000240345	100248608	30188026	1.58	3789	1.45	2.74		Bag	Solid	0.51	NFF	7.52	Accepted
193	17.09.25	50000240517	100248782	30188092	4.18	3403	25.31	17.35		Bag	Solid	0.72	NFF	6.39	Accepted
194	17.09.25	50000240635	100248908	30188205	1.22	3622	1.19	2.97		Bag	Solid	0.19	NFF	6.69	Accepted
195	17.09.25	50000240669	100248944	30188239	2.2	2439	16.86	58.65		Drum	Semi solid	0.47	NFF	2.87	Accepted
196	16.09.25	50000240146	100248409	30187832	1.16	3729	1.39	3.11		Bag	Solid	0.29	NFF	6.95	Accepted
197	16.09.25	50000240124	100248381	30187811	1.61	3818	1.34	2.74		Bag	Solid	0.35	NFF	7.05	Accepted
198	16.09.25	50000240010	100248262	30187718	1.06	4268	16.73	65.2		Drum	Semi solid	0.79	NFF	4.72	Accepted
199	16.09.25	50000239873	100248120	30187692	1.58	3843	1.4	2.63		Bag	Solid	0.38	NFF	7.22	Accepted
200	16.09.25	50000239871	100248118	30187689	0.62	4004	3.54	86.24	5.81	Drum	Organic Liquid	2.89	FF	7.09	Accepted
201	16.09.25	50000239839	100248086	30187657	1.66	3796	1.69	2.77		Bag	Solid	0.62	NFF	4.21	Accepted
202	16.09.25	50000239822	100248069	30187640	1.88	3704	1.36	3.11		Bag	Solid	0.42	NFF	7.48	Accepted
203	16.09.25	50000239820	100248067	30187638	1.68	3790	1.25	2.55		Bag	Solid	0.19	NFF	7.17	Accepted
204	16.09.25	50000239818	100248065	30187636	1.86	3634	1.63	3.13		Bag	Solid	0.54	NFF	7.7	Accepted
205	16.09.25	50000239808	100248055	30187626	1.66	3899	1.4	2.72		Bag	Solid	0.48	NFF	5.44	Accepted
206	16.09.25	50000239788	100248035	30187606	2.73	3909	26.06	5.93		Bag	Solid	0.67	NFF	9.95	Accepted
207	16.09.25	50000239780	100248027	30187598	1.82	3839	24.26	3.72		Bag	Solid	0.77	NFF	10.4	Accepted
208	16.09.25	50000239773	100248020	30187591	1.59	3816	1.6	2.54		Bag	Solid	0.46	NFF	7.5	Accepted
209	16.09.25	50000239776	100248023	30187594	1.62	3864	1.46	2.46		Bag	Solid	0.34	NFF	7.89	Accepted
210	18.09.25	50000241193	100249480	30188642	1.21	3276	18.13	53.41		Drum	Semi solid	0.78	NFF	1.34	Accepted
211	18.09.25	50000241205	100249492	30188654	1.61	3869	1.24	2.56		Bag	Solid	0.36	NFF	6.96	Accepted
212	18.09.25	50000241159	100249446	30188608	1.94	3223	23.5	60.25		Drum	Semi solid	0.86	NFF	2.4	Accepted
213	18.09.25	50000240854	100249129	30188420	2.39	2892	21.9	61.53		Drum	Semi solid	0.92	NFF	10.89	Accepted
214	18.09.25	50000240825	100249100	30188391	2.25	3235	20.96	58.32		Drum	Semi solid	0.39	NFF	3.59	Accepted
215	18.09.25	50000240768	100249043	30188334	1.36	4318	1.68	64.54		IBC	Semi solid	0.31	NFF	5.79	Accepted
216	18.09.25	50000240774	100249049	30188340	1.73	3350	30.2	78.32	6.79	Jacketed Tanker	Organic Liquid	0.76	FF	3.8	Accepted
217	18.09.25	50000240779	100249054	30188345	3.64	3253	1.74	4.18		Bag	Solid	0.64	NFF	5.82	Accepted
218	18.09.25	50000240760	100249035	30188326	0.52	8077	1.82	83.16	2.30	Drum	Organic Liquid	0.55	FF	6.1	Accepted
219	18.09.25	50000240763	100249038	30188329	1.48	2529	1.35	81.67	45.29	Tanker	Organic Liquid	8.16	FF	3.7	Accepted
220	18.09.25	50000240754	100249029	30188320	1.45	3792	1.52	2.63		Bag	Solid	0.45	NFF	7.22	Accepted
221	18.09.25	50000240752	100249027	30188318	1.69	3663	24.46	64.28		Drum	Semi solid	1.09	NFF	3.88	Accepted
222	19.09.25	50000241327	100249614	30188776	32.71	1165	1.31	3.2		Bag	Solid	0.54	NFF	7.19	Accepted
223	19.09.25	50000241609	100249914	30189031	1.46	3712	1.27	2.69		Bag	Solid	0.32	NFF	6.28	Accepted
224	19.09.25	50000241529	100249830	30188952	1.37	3782	1.15	2.71		Bag	Solid	0.53	NFF	7.25	Accepted
225	19.09.25	50000241521	100249822	30188944	1.61	3847	1.69	2.67		Bag	Solid	0.44	NFF	7.04	Accepted
226	19.09.25	50000241528	100249829	30188951	1.56	3932	1.49	2.49		Bag	Solid	0.38	NFF	6.53	Accepted

227	19.09.25	50000241447	100249748	30188889	1.24	379	31.09	88.73	39.71	Tanker	Aqueous Liquid	0.69	FF	10.54	Accepted
228	19.09.25	50000241415	100249708	30188857	29.78	1457	1.63	2.83		Bag	Solid	0.49	NFF	7.62	Accepted
229	19.09.25	50000241391	100249680	30188833	1.73	3768	1.68	2.06		Bag	Solid	0.33	NFF	5.71	Accepted
230	19.09.25	50000241316	100249603	30188764	0.83	5299	1.1	52.96		Drum	Semi solid	0.24	NFF	9.42	Accepted
231	19.09.25	50000241349	100249638	30188798	1.37	3993	1.92	2.8		Bag	Solid	0.56	NFF	6.87	Accepted
232	19.09.25	50000241304	100249591	30188753	6.34	604	1.26	58.32		Drum	Semi solid	0.68	NFF	5.41	Accepted
233	19.09.25	50000241308	100249595	30188757	1.84	3694	1.39	3.8		Bag	Solid	0.4	NFF	5.77	Accepted
234	19.09.25	50000241299	100249586	30188748	2.2	4525	1.68	62.33		Drum	Semi solid	0.79	NFF	5.17	Accepted
235	19.09.25	50000241300	100249587	30188749	1.93	3827	1.53	2.78		Drum	Solid	0.41	NFF	7.33	Accepted
236	18.09.25	50000240850	100249125	30188416	5.1	2077	1.22	62.54		Drum	Semi solid	3.88	NFF	2.89	Accepted
237	20.09.25	50000241815	100250122	30189231	1.56	3669	1.37	2.59		Bag	Solid	0.34	NFF	7.29	Accepted
238	20.09.25	50000241824	100250131	30189240	1.54	3899	1.41	2.96		Bag	Solid	0.52	NFF	5.79	Accepted
239	20.09.25	50000241905	100250216	30189296	1.78	3909	1.33	3.15		Bag	Solid	0.29	NFF	6.3	Accepted
240	20.09.25	50000241917	100250228	30189308	2.13	5351	5.39	48.96		Drum	Semi solid	0.79	NFF	5.41	Accepted
241	20.09.25	50000242135	100250464	30189521	1.26	4015	1.21	2.96		Bag	Solid	0.3	NFF	6.42	Accepted
242	21.09.25	50000242546	100250882	30189847	1.49	3943	1.21	2.36		Bag	Solid	0.26	NFF	5.08	Accepted
243	21.09.25	50000242499	100250833	30189800	1.55	3825	1.12	2.56		Bag	Solid	0.4	NFF	6.9	Accepted
244	21.09.25	50000242475	100250804	30189776	1.64	3897	23.2	88.13	8.19	Drum	Organic Liquid	0.66	FF	2.46	Accepted
245	21.09.25	50000242399	100250728	30189700	1.28	3646	1.31	2.91		Bag	Solid	0.52	NFF	7.34	Accepted
246	21.09.25	50000242398	100250727	30189699	1.1	3233	1.25	2.61		Bag	Solid	0.46	NFF	6.3	Accepted
247	21.09.25	50000242299	100250628	30189686	3.78	1959	1.28	2.84		Bag	Solid	0.35	NFF	7.32	Accepted
248	21.09.25	50000242281	100250610	30189667	1.87	3939	1.44	3.48		Bag	Solid	0.44	NFF	6.04	Accepted
249	21.09.25	50000242272	100250601	30189658	1.59	3728	1.16	2.43		Drum	Solid	0.39	NFF	5.76	Accepted
250	21.09.25	50000242251	100250580	30189637	4.57	1877	1.32	3.49		Bag	Solid	0.42	NFF	5.62	Accepted
251	21.09.25	50000242238	100250567	30189624	1.57	3862	1.27	2.31		Bag	Solid	0.3	NFF	6.92	Accepted
252	21.09.25	50000242229	100250558	30189615	1.71	3919	1.47	2.69		Bag	Solid	0.54	NFF	5.92	Accepted
253	21.09.25	50000242222	100250551	30189608	1.61	3871	1.32	3.22		Bag	Solid	0.38	NFF	6.02	Accepted
254	21.09.25	50000242220	100250549	30189606	1.75	3761	1.49	2.28		Bag	Solid	0.36	NFF	6.92	Accepted
255	21.09.25	50000242216	100250545	30189602	1.6	3745	1.27	2.67		Bag	Solid	0.32	NFF	4.56	Accepted
256	21.09.25	50000242198	100250527	30189584	3.71	389	1.38	79.69	78.67	Tanker	Aqueous Liquid	0.82	FF	3.54	Accepted
257	21.09.25	50000242192	100250521	30189578	1.68	3838	1.18	2.93		Bag	Solid	0.28	NFF	7.12	Accepted
258	20.09.25	50000242148	100250477	30189534	1.48	4123	1.1	2.24		Bag	Solid	0.26	NFF	5.7	Accepted
259	20.09.25	50000241894	100250203	30189285	0.96	4426	3.37	83.18	3.47	Drum	Organic Liquid	2.81	FF	6.96	Accepted
260	22.09.25	50000242725	100251070	30189982	9.98	3484	26.48	5.44		Bag	Solid	0.61	NFF	6.71	Accepted
261	22.09.25	50000242872	100251229	30190129	1.76	3423	1.51	3.59		Bag	Solid	0.42	NFF	7.9	Accepted
262	22.09.25	50000242902	100251259	30190159	1.68	4226	1.36	2.93		Bag	Solid	0.36	NFF	6.12	Accepted
263	22.09.25	50000242910	100251267	30190167	1.06	3249	1.59	65.2		Bag	Semi solid	0.52	NFF	3.78	Accepted
264	23.09.25	50000243478	100251853	30190622	1.43	3961	1.33	2.69		Bag	Solid	0.38	NFF	7.02	Accepted
265	23.09.25	50000243468	100251843	30190612	1.18	3897	1.44	3.17		Bag	Solid	0.41	NFF	5.89	Accepted
266	23.09.25	50000243436	100251811	30190581	1.36	3879	0.96	2.23		Bag	Solid	0.43	NFF	5.46	Accepted
267	23.09.25	50000243241	100251599	30190390	1.45	3791	1.12	2.60		Bag	Solid	0.24	NFF	6.49	Accepted
268	23.09.25	50000243079	100251436	30190335	0.91	2652	24.48	83.13	50.35	Drum	Organic Liquid	0.48	FF	3.54	Accepted
269	23.09.25	50000243063	100251420	30190319	34.65	521	7.37	11.44		Bag	Solid	0.52	NFF	8.24	Accepted
270	23.09.25	50000243018	100251375	30190275	27.68	1143	1.12	2.69		Bag	Solid	0.24	NFF	8.74	Accepted
271	23.09.25	50000243010	100251367	30190266	5.91	1929	1.25	3.14		Bag	Solid	0.28	NFF	5.92	Accepted
272	23.09.25	50000243002	100251359	30190258	1.59	3757	1.24	2.36		Bag	Solid	0.38	NFF	6.02	Accepted
273	23.09.25	50000243000	100251357	30190256	1.29	3856	1.34	2.2		Bag	Solid	0.34	NFF	5.82	Accepted
274	23.09.25	50000242997	100251354	30190253	1.45	3965	1.4	3.6		Bag	Solid	0.42	NFF	5.26	Accepted

275	23.09.25	50000242991	100251348	30190246	1.53	3840	1.3	2.48		Bag	Solid	0.32	NFF	6.92	Accepted
276	24.09.25	50000243966	100252352	30190999	20.53	674	1.56	5.44		Drum	Solid	0.42	NFF	4.62	Accepted
277	24.09.25	50000243973	100252359	30191006	28.67	1039	1.29	2.71		Bag	Solid	0.24	NFF	8.6	Accepted
278	24.09.25	50000243901	100252287	30190934	1.29	3772	1.31	2.13		Bag	Solid	0.39	NFF	7.02	Accepted
279	24.09.25	50000243821	100252200	30190854	21	2619	1.52	2.82		Bag	Solid	0.48	NFF	7.36	Accepted
280	24.09.25	50000243793	100252172	30190826	5.38	1278	3.38	53.2		Drum	Semi solid	0.79	NFF	10.21	Accepted
281	24.09.25	50000243779	100252158	30190812	1.86	3884	1.64	2.77		Bag	Solid	0.58	NFF	10.12	Accepted
282	24.09.25	50000243774	100252153	30190807	8.46	787	1.8	66.18		Drum	Semi solid	0.62	NFF	4.47	Accepted
283	24.09.25	50000243624	100251999	30190767	25.64	1204	1.6	2.9		Bag	Solid	0.54	NFF	7.94	Accepted
284	24.09.25	50000243604	100251979	30190748	25.14	1118	1.33	2.95		Bag	Solid	0.42	NFF	8.4	Accepted
285	24.09.25	50000243609	100251984	30190753	1.36	3594	1.29	3.95		Bag	Solid	0.49	NFF	8.19	Accepted
286	24.09.25	50000243596	100251971	30190740	23.86	1121	1.49	3.26		Bag	Solid	0.52	NFF	7.9	Accepted
287	24.09.25	50000243593	100251968	30190737	1.73	3914	25.68	3.21		Bag	Solid	0.72	NFF	5.44	Accepted
288	24.09.25	50000243589	100251964	30190733	1.04	4069	23.49	67.27		Drum	Semi solid	0.2	NFF	5.9	Accepted
289	24.09.25	50000243560	100251935	30190704	1.53	611	1.28	81.68	45.87	Tanker	Aqueous Liquid	1.5	FF	3.8	Accepted
290	24.09.25	50000243559	100251934	30190703	1.61	3916	1.51	2.8		Bag	Solid	0.4	NFF	5.1	Accepted
291	24.09.25	50000243553	100251928	30190697	1.28	3860	1.45	3.1		Bag	Solid	0.39	NFF	4.72	Accepted
292	24.09.25	50000243532	100251907	30190676	1.43	3888	1.27	2.22		Bag	Solid	0.31	NFF	4.9	Accepted
293	25.09.25	50000244234	100252624	30191274	0.21	4818	6.39	27.44		Drum	Semi solid	0.68	NFF	4.19	Accepted
294	25.09.25	50000244541	100252939	30191456	1.61	3930	1.39	3.86		Bag	Solid	0.42	NFF	5.65	Accepted
295	25.09.25	50000244512	100252908	30191427	20.53	1008	30.42	6.17		Bag	Solid	0.34	NFF	5.13	Accepted
296	25.09.25	50000244377	100252769	30191310	2.76	638	1.4	60.3		Drum	Semi solid	0.62	NFF	4.56	Accepted
297	25.09.25	50000244261	100252653	30191301	33.74	1130	1.26	3.44		Bag	Solid	0.28	NFF	7.39	Accepted
298	25.09.25	50000244152	100252540	30191185	2	3655	1.15	4.4		Drum	Solid	0.32	NFF	6.46	Accepted
299	25.09.25	50000244107	100252493	30191140	1.92	3813	1.46	2.22		Bag	Solid	0.35	NFF	8.21	Accepted
300	25.09.25	50000244081	100252467	30191114	1.81	3855	1.34	2.87		Bag	Solid	0.43	NFF	5.89	Accepted
301	25.09.25	50000244068	100252454	30191101	1.87	3859	1.25	2.67		Bag	Solid	0.29	NFF	7.64	Accepted
302	26.09.25	50000244609	100253007	30191524	1.64	6640	1.9	53.68		Drum	Semi solid	0.58	NFF	10.24	Accepted
303	26.09.25	50000244657	100253055	30191572	1.73	867	1.42	3.21		Bag	Solid	0.44	NFF	6.59	Accepted
304	26.09.25	50000244673	100253071	30191588	1.32	3563	1.59	2.24		Bag	Solid	0.32	NFF	7.24	Accepted
305	26.09.25	50000244714	100253114	30191629	1.74	3765	1.43	2.4		Bag	Solid	0.37	NFF	7.61	Accepted
306	26.09.25	50000244715	100253115	30191630	1.67	3754	1.17	2.23		Bag	Solid	0.27	NFF	7.42	Accepted
307	26.09.25	50000244877	100253288	30191681	1.07	6771	1.07	79.24	3.51	Drum	Organic Liquid	0.21	FF	4.32	Accepted
308	26.09.25	50000245007	100253426	30191797	1.63	3926	1.25	2.9		Bag	Solid	0.34	NFF	5.82	Accepted
309	26.09.25	50000245058	100253479	30191839	1.16	1908	1.38	3.31		Bag	Solid	0.34	NFF	7.42	Accepted
310	26.09.25	50000245059	100253480	30191840	1.43	3841	1.35	2.49		Bag	Solid	0.28	NFF	5.74	Accepted
311	26.09.25	50000245060	100253481	30191841	1.32	3760	1.3	3.23		Drum	Solid	0.24	NFF	5.45	Accepted
312	27.09.25	50000245556	100253984	30192230	1.25	4242	1.25	1.92		Bag	Solid	0.61	NFF	7.45	Accepted
313	27.09.25	50000245534	100253962	30192208	11.24	3974	1.54	3.58		Bag	Solid	0.57	NFF	7.32	Accepted
314	27.09.25	50000245449	100253877	30192123	1.04	4376	18.74	79.63	3.75	Drum	Organic Liquid	0.77	FF	1.16	Accepted
315	27.09.25	50000245373	100253801	30192041	1.11	3833	1.41	2.7		Bag	Solid	0.49	NFF	6.75	Accepted
316	27.09.25	50000245333	100253759	30192011	1.62	3825	1.44	2.65		Bag	Solid	0.43	NFF	5.56	Accepted
317	27.09.25	50000245153	100253574	30191935	0.96	2588	1.51	2.14		Bag	Solid	0.53	NFF	5.3	Accepted
318	27.09.25	50000245137	100253558	30191918	1.42	3949	1.16	2.89		Bag	Solid	0.37	NFF	7.21	Accepted
319	27.09.25	50000245131	100253552	30191912	1.23	3831	1.3	2.94		Bag	Solid	0.42	NFF	6.32	Accepted
320	27.09.25	50000245126	100253547	30191905	1.77	3579	1.03	3.61		Bag	Solid	0.28	NFF	7.02	Accepted
321	27.09.25	50000245121	100253542	30191902	1.63	4023	1.25	2.23		Bag	Solid	0.39	NFF	6.25	Accepted
322	28.09.25	50000245912	100254340	30192469	6.28	3984	1.97	11.64		Bag	Solid	0.47	NFF	7.86	Accepted

323	28.09.25	50000245868	100254296	30192428	1.32	2336	1.09	3.04		Drum	Solid	0.77	NFF	4.61	Accepted
324	28.09.25	50000245694	100254122	30192368	1.58	3870	0.99	2.83		Bag	Solid	0.66	NFF	6.52	Accepted
325	28.09.25	50000245687	100254115	30192361	1.33	3806	1.52	3.04		Bag	Solid	0.48	NFF	6.85	Accepted
326	28.09.25	50000245639	100254067	30192313	1.53	3871	1.32	2.67		Bag	Solid	0.54	NFF	6.29	Accepted
327	28.09.25	50000245637	100254065	30192311	1.36	3934	1.4	3.17		Bag	Solid	0.42	NFF	6.36	Accepted
328	28.09.25	50000245631	100254059	30192305	3.09	569	14.16	87.82	76.44	Tanker	Aqueous Liquid	0.58	FF	1.48	Accepted
329	30.09.25	50000246854	100255301	30193170	1.2	3960	1.39	3.26		Bag	Solid	0.4	NFF	6.44	Accepted
330	30.09.25	50000246825	100255272	30193141	1.1	3839	1.35	2.97		Bag	Solid	0.51	NFF	5.8	Accepted
331	30.09.25	50000246840	100255287	30193156	1.4	3918	1.16	3.46		Bag	Solid	0.29	NFF	8.12	Accepted
332	30.09.25	50000246866	100255313	30193181	27.24	976	29.23	8.14		Bag	Solid	0.39	NFF	4.84	Accepted
333	30.09.25	50000246857	100255304	30193173	1.36	3847	1.28	2.33		Bag	Solid	0.34	NFF	6.21	Accepted
334	30.09.25	50000246859	100255306	30193175	26.19	817	21.42	8.34		Bag	Solid	0.66	NFF	5.2	Accepted
335	30.09.25	50000246884	100255331	30193199	23.97	1197	25.15	9.26		Bag	Solid	0.49	NFF	4.47	Accepted
336	30.09.25	50000246891	100255338	30193203	29.44	625	16.39	11.3		Bag	Solid	0.58	NFF	3.2	Accepted
337	30.09.25	50000246924	100255373	30193230	3.18	365	30.32	77.13	42.34	Tanker	Aqueous Liquid	0.76	FF	11.18	Accepted
338	30.09.25	50000246964	100255414	30193264	1.48	3516	1.59	3.22		Drum	Solid	0.39	NFF	7.33	Accepted

Annexure 5

LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0022		Date: 01/10/2025	
URL No.: TC158532500000701F			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	20/09/2025	Sampling Type	Grab
Date of Sample Received	20/09/2025	Sample ID	W/202509/0022
Sampling Location	Dahej Village Nr Ramji Mandir	Sample Description	Ground Water
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling	APHA 24 th Edition
Quantity / No. of Sample	1L + 2L + 2L / 3 Nos.	Analysis Started On	20/09/2025
Packing / Seal	Cap Seal	Analysis Completed On	30/09/2025
Type of Container	Plastic Bottle	Format No.	7.8 F-01
Environmental Condition during the test	25°C ±3 °C		

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	8.21	APHA 24th Edition 4500- H+ B: 2023
2.	Color	Co-pt	10	APHA 24th Edition 2120 C: 2023
3.	Conductivity	mmhos/cm	6.18	APHA 24th Edition 2510-B: 2023
4.	Turbidity	NTU	0.12	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	ND	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	4020	APHA 24th Edition 2540- C: 2023
7.	Chemical Oxygen Demand	mg/L	41	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	575	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	786	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	2179	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	672	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	ND	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	ND	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	148	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	50	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	0.06	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	ND	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	60	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	5.4	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Biochemical Oxygen Demand @ 27 OC for 3 Days	mg/L	ND	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	ND	APHA 24th Edition 5520 B : 2023

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A. K. Mishra
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LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0022	Date: 01/10/2025		
URL No.:			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	20/09/2025	Sampling Type	: Grab
Date of Sample Received	20/09/2025	Sample ID	: W/202509/0022
Sampling Location	Dahej Village Nr Ramji Mandir	Sample Description	: Ground Water
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling	: APHA 24 th Edition
Quantity / No. of Sample	1L + 2L + 2L / 3 Nos.	Analysis Started On	: 20/09/2025
Packing / Seal	Cap Seal	Analysis Completed On	: 30/09/2025
Type of Container	Plastic Bottle	Format No.	: 7.8 F-01
Environmental Condition during the test	25°C ±3 °C		

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	BDL<0.1	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	mg/L	BDL<2.0	APHA 24th Edition 3111 Pb B: 2023
26.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B: 2023
27.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B: 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B: 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B: 2023
30.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B: 2023
31.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN- B & E: 2023
32.	Arsenic (as as)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B: 2023
33.	Iron (as Fe)	mg/L	BDL<0.1	APHA 24th Edition 3500 Fe-B: 2023
34.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B: 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

This Report is issued under the following terms & Condition:

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0023		Date: 01/10/2025	
URL No.: TC158532500000702F			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	20/09/2025	Sampling Type	Grab
Date of Sample Received	20/09/2025	Sample ID	W/202509/0023
Sampling Location	Lakhigam	Sample Description	Ground Water
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling	APHA 24 th Edition
Quantity / No. of Sample	1L + 2L + 2L / 3 Nos.	Analysis Started On	20/09/2025
Packing / Seal	Cap Seal	Analysis Completed On	30/09/2025
Type of Container	Plastic Bottle	Format No.	7.8 F-01
Environmental Condition during the test	25°C ±3 °C		

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	8.34	APHA 24th Edition 4500- H+ B: 2023
2.	Color	Co-pt	6	APHA 24th Edition 2120 C: 2023
3.	Conductivity	mmhos/cm	0.37	APHA 24th Edition 2510-B: 2023
4.	Turbidity	NTU	2.5	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	2.50	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	240	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	BDL	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	104	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	130	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	25	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	6	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.25	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	ND	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	16	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	16	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	0.07	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	42	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	6.2	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	BioChemical Oxygen Demand @ 27 0C for 3 Days	mg/L	ND	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0023		Date: 01/10/2025	
URL No.:			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	: 20/09/2025	Sampling Type	: Grab
Date of Sample Received	: 20/09/2025	Sample ID	: W/202509/0023
Sampling Location	: Lakhigam	Sample Description	: Ground Water
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling	: APHA 24 th Edition
Quantity / No. of Sample	: 1L + 2L + 2L / 3 Nos.	Analysis Started On	: 20/09/2025
Packing / Seal	: Cap Seal	Analysis Completed On	: 30/09/2025
Type of Container	: Plastic Bottle	Format No.	: 7.8 F-01
Environmental Condition during the test	25°C ±3 °C		

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	BDL<0.1	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	mg/L	BDL<2.0	APHA 24th Edition 3111 Pb B: 2023
26.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B: 2023
27.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B: 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B: 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B: 2023
30.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B: 2023
31.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN- B & E: 2023
32.	Arsenic (as as)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B: 2023
33.	Iron (as Fe)	mg/L	BDL<0.1	APHA 24th Edition 3500 Fe-B: 2023
34.	Zinc (as Zn)	mg/L	BDL<0.2	APHA 24th Edition 3111 Zn B: 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

This Report is issued under the following terms & Condition:

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


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LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0024	Date: 01/10/2025		
URL No.: TC15853250000703F			
Customer Name & Address	: M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	: Mr. Kamalkant Raut		
Date of Sample Collection	: 20/09/2025	Sampling Type	: Grab
Date of Sample Received	: 20/09/2025	Sample ID	: W/202509/0024
Sampling Location	: Vadadla	Sample Description	: Ground Water
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling	: APHA 24 th Edition
Quantity / No. of Sample	: 1L + 2L + 2L / 3 Nos.	Analysis Started On	: 20/09/2025
Packing / Seal	: Cap Seal	Analysis Completed On	: 30/09/2025
Type of Container	: Plastic Bottle	Format No.	: 7.8 F-01
Environmental Condition during the test	25°C ±3 °C		

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	8.25	APHA 24th Edition 4500- H+ B: 2023
2.	Color	Co-pt	5	APHA 24th Edition 2120 C: 2023
3.	Conductivity	mmhos/cm	0.53	APHA 24th Edition 2510-B: 2023
4.	Turbidity	NTU	1.45	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	1.50	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	348	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	10.0	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	108	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	135	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	60	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	39	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	0.24	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	ND	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	22.0	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	13	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	0.03	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	56	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	6.4	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	BioChemical Oxygen Demand @ 27 OC for 3 Days	mg/L	ND	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	ND	APHA 24th Edition 5520 B : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0024		Date: 01/10/2025	
URL No.:			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	: 20/09/2025	Sampling Type	: Grab
Date of Sample Received	: 20/09/2025	Sample ID	: W/202509/0024
Sampling Location	: Vadadla	Sample Description	: Ground Water
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling	: APHA 24 th Edition
Quantity / No. of Sample	: 1L + 2L + 2L / 3 Nos.	Analysis Started On	: 20/09/2025
Packing / Seal	: Cap Seal	Analysis Completed On	: 30/09/2025
Type of Container	: Plastic Bottle	Format No.	: 7.8 F-01
Environmental Condition during the test	25°C ±3 °C		

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	BDL<0.1	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	mg/L	BDL<2.0	APHA 24th Edition 3111 Pb B: 2023
26.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B: 2023
27.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B: 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B: 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B: 2023
30.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B: 2023
31.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN- B & E: 2023
32.	Arsenic (as as)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B: 2023
33.	Iron (as Fe)	mg/L	BDL<0.1	APHA 24th Edition 3500 Fe-B: 2023
34.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B: 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

This Report is issued under the following terms & Condition:

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

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Formerly known as "VASUNDHARA ENTERPRISE"



LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0025		Date: 01/10/2025	
URL No.: TC158532500000704F			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	20/09/2025	Sampling Type	Grab
Date of Sample Received	20/09/2025	Sample ID	W/202509/0025
Sampling Location	Vav	Sample Description	Ground Water
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling	APHA 24 th Edition
Quantity / No. of Sample	1L + 2L + 2L / 3 Nos.	Analysis Started On	20/09/2025
Packing / Seal	Cap Seal	Analysis Completed On	30/09/2025
Type of Container	Plastic Bottle	Format No.	7.8 F-01
Environmental Condition during the test	25°C ±3 °C		

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	8.25	APHA 24th Edition 4500- H+ B: 2023
2.	Color	Co-pt	4	APHA 24th Edition 2120 C: 2023
3.	Conductivity	mmhos/cm	3.5	APHA 24th Edition 2510-B: 2023
4.	Turbidity	NTU	1.8	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	2.40	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	2272	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	16.6	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	240	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	720	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	920	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	380	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	0.56	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	ND	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	28.0	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	41	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	0.04	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	62	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	5.8	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	BioChemical Oxygen Demand @ 27 OC for 3 Days	mg/L	ND	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0025		Date: 01/10/2025	
URL No.:			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	: 20/09/2025	Sampling Type	: Grab
Date of Sample Received	: 20/09/2025	Sample ID	: W/202509/0025
Sampling Location	: Vav	Sample Description	: Ground Water
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling	: APHA 24 th Edition
Quantity / No. of Sample	: 1L + 2L + 2L / 3 Nos.	Analysis Started On	: 20/09/2025
Packing / Seal	: Cap Seal	Analysis Completed On	: 30/09/2025
Type of Container	: Plastic Bottle	Format No.	: 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	BDL<0.1	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	mg/L	BDL<2.0	APHA 24th Edition 3111 Pb B: 2023
26.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B: 2023
27.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B: 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B: 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B: 2023
30.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B: 2023
31.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN- B & E: 2023
32.	Arsenic (as as)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B: 2023
33.	Iron (as Fe)	mg/L	BDL<0.1	APHA 24th Edition 3500 Fe-B: 2023
34.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B: 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

This Report is issued under the following terms & Condition:

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0026		Date: 01/10/2025	
URL No.: TC158532500000705F			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	20/09/2025	Sampling Type	Grab
Date of Sample Received	20/09/2025	Sample ID	W/202509/0026
Sampling Location	Kadodra	Sample Description	Ground Water
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling	APHA 24 th Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On	20/09/2025
Packing / Seal	Cap Seal	Analysis Completed On	30/09/2025
Type of Container	Plastic Bottle	Format No.	7.8 F-01
Environmental Condition during the test	25°C ±3 °C		

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	8.12	APHA 24th Edition 4500- H+ B: 2023
2.	Color	Co-pt	10	APHA 24th Edition 2120 C: 2023
3.	Conductivity	mmhos/cm	6.18	APHA 24th Edition 2510-B: 2023
4.	Turbidity	NTU	0.56	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	ND	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	4010	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	48.0	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	790	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	720	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	2059.4	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	750.00	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	0.84	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	ND	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	140.0	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	107	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	0.06	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	ND	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	63	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	5.5	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	BioChemical Oxygen Demand @ 27 OC for 3 Days	mg/L	ND	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	ND	APHA 24th Edition 5520 B : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0026		Date: 01/10/2025	
URL No.:			
Customer Name & Address		M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,	
Contact Person		Mr. Kamalkant Raut	
Date of Sample Collection	: 20/09/2025	Sampling Type	: Grab
Date of Sample Received	: 20/09/2025	Sample ID	: W/202509/0026
Sampling Location	: Kadodra	Sample Description	: Ground Water
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling	: APHA 24 th Edition
Quantity / No. of Sample	: 2 Liter/1Nos.	Analysis Started On	: 20/09/2025
Packing / Seal	: Cap Seal	Analysis Completed On	: 30/09/2025
Type of Container	: Plastic Bottle	Format No.	: 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	BDL<0.1	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	mg/L	BDL<2.0	APHA 24th Edition 3111 Pb B: 2023
26.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B: 2023
27.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B: 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B: 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B: 2023
30.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B: 2023
31.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN- B & E: 2023
32.	Arsenic (as as)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B: 2023
33.	Iron (as Fe)	mg/L	BDL<0.1	APHA 24th Edition 3500 Fe-B: 2023
34.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B: 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0027		Date: 01/10/2025	
URL No.: TC158532500000706F			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	: 20/09/2025	Sampling Type	: Grab
Date of Sample Received	: 20/09/2025	Sample ID	: W/202509/0027
Sampling Location	: Rahiyad	Sample Description	: Ground Water
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling	: APHA 24 th Edition
Quantity / No. of Sample	: 1L + 2L + 2L / 3 Nos.	Analysis Started On	: 20/09/2025
Packing / Seal	: Cap Seal	Analysis Completed On	: 30/09/2025
Type of Container	: Plastic Bottle	Format No.	: 7.8 F-01
Environmental Condition during the test	25°C ±3 °C		

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	8.68	APHA 24th Edition 4500- H+ B: 2023
2.	Color	Co-pt	5	APHA 24th Edition 2120 C: 2023
3.	Conductivity	mmhos/cm	0.31	APHA 24th Edition 2510-B: 2023
4.	Turbidity	NTU	1.32	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.80	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	198	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	BDL	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	110	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	72	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	19	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	12	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	0.75	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	ND	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	26	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	11	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	0.02	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	ND	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	48	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4.8	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	BioChemical Oxygen Demand @ 27 OC for 3 Days	mg/L	ND	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	ND	APHA 24th Edition 5520 B : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0027		Date: 01/10/2025	
URL No.:			
Customer Name & Address		: M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,	
Contact Person		: Mr. Kamalkant Raut	
Date of Sample Collection	: 20/09/2025	Sampling Type	: Grab
Date of Sample Received	: 20/09/2025	Sample ID	: W/202509/0027
Sampling Location	: Rahiyad	Sample Description	: Ground Water
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling	: APHA 24 th Edition
Quantity / No. of Sample	: 1L + 2L + 2L / 3 Nos.	Analysis Started On	: 20/09/2025
Packing / Seal	: Cap Seal	Analysis Completed On	: 30/09/2025
Type of Container	: Plastic Bottle	Format No.	: 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	BDL<0.1	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	mg/L	BDL<2.0	APHA 24th Edition 3111 Pb B: 2023
26.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B: 2023
27.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B: 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B: 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B: 2023
30.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B: 2023
31.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN- B & E: 2023
32.	Arsenic (as as)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B: 2023
33.	Iron (as Fe)	mg/L	BDL<0.1	APHA 24th Edition 3500 Fe-B: 2023
34.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B: 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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


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LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0028		Date: 01/10/2025	
URL No.: TC158532500000707F			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	: 20/09/2025	Sampling Type	: Grab
Date of Sample Received	: 20/09/2025	Sample ID	: W/202509/0028
Sampling Location	: Jolwa	Sample Description	: Ground Water
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling	: APHA 24 th Edition
Quantity / No. of Sample	: 1L + 2L + 2L / 3 Nos.	Analysis Started On	: 20/09/2025
Packing / Seal	: Cap Seal	Analysis Completed On	: 30/09/2025
Type of Container	: Plastic Bottle	Format No.	: 7.8 F-01
Environmental Condition during the test	25°C ±3 °C		

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	8.02	APHA 24th Edition 4500- H+ B: 2023
2.	Color	Co-pt	6	APHA 24th Edition 2120 C: 2023
3.	Conductivity	mmhos/cm	3.4	APHA 24th Edition 2510-B: 2023
4.	Turbidity	NTU	2.4	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.60	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	2040	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	12.4	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	290	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	650	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	840	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	360	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	0.95	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	ND	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	28.0	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	53	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	0.06	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	ND	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	50	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4.6	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	BioChemical Oxygen Demand @ 27 OC for 3 Days	mg/L	ND	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	ND	APHA 24th Edition 5520 B : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0028		Date: 01/10/2025	
URL No.:			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	: 20/09/2025	Sampling Type	: Grab
Date of Sample Received	: 20/09/2025	Sample ID	: W/202509/0028
Sampling Location	: Jolwa	Sample Description	: Ground Water
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling	: APHA 24 th Edition
Quantity / No. of Sample	: 1L + 2L + 2L / 3 Nos.	Analysis Started On	: 20/09/2025
Packing / Seal	: Cap Seal	Analysis Completed On	: 30/09/2025
Type of Container	: Plastic Bottle	Format No.	: 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	BDL<0.1	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	mg/L	BDL<2.0	APHA 24th Edition 3111 Pb B: 2023
26.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B: 2023
27.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B: 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B: 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B: 2023
30.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B: 2023
31.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN- B & E: 2023
32.	Arsenic (as as)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B: 2023
33.	Iron (as Fe)	mg/L	BDL<0.1	APHA 24th Edition 3500 Fe-B: 2023
34.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B: 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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



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LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0029		Date: 01/10/2025	
URL No.: TC158532500000708F			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	20/09/2025	Sampling Type	Grab
Date of Sample Received	20/09/2025	Sample ID	W/202509/0029
Sampling Location	Padariya	Sample Description	Ground Water
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling	APHA 24 th Edition
Quantity / No. of Sample	1L + 2L + 2L / 3 Nos.	Analysis Started On	20/09/2025
Packing / Seal	Cap Seal	Analysis Completed On	30/09/2025
Type of Container	Plastic Bottle	Format No.	7.8 F-01
Environmental Condition during the test	25°C ±3 °C		

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	8.85	APHA 24th Edition 4500- H+ B: 2023
2.	Color	Co-pt	5	APHA 24th Edition 2120 C: 2023
3.	Conductivity	mmhos/cm	5.86	APHA 24th Edition 2510-B: 2023
4.	Turbidity	NTU	2.2	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3.20	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3806	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	52	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	150	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	710	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1979	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	780	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	0.28	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	ND	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	16.0	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	27	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	0.04	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	ND	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	45	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	5.2	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	BioChemical Oxygen Demand @ 27 OC for 3 Days	mg/L	ND	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	ND	APHA 24th Edition 5520 B : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0029	Date: 01/10/2025		
URL No.:			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	: 20/09/2025	Sampling Type	: Grab
Date of Sample Received	: 20/09/2025	Sample ID	: W/202509/0029
Sampling Location	: Padariya	Sample Description	: Ground Water
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling	: APHA 24 th Edition
Quantity / No. of Sample	: 1L + 2L + 2L / 3 Nos.	Analysis Started On	: 20/09/2025
Packing / Seal	: Cap Seal	Analysis Completed On	: 30/09/2025
Type of Container	: Plastic Bottle	Format No.	: 7.8 F-01
Environmental Condition during the test	25°C ±3 °C		

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	BDL<0.1	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	mg/L	BDL<2.0	APHA 24th Edition 3111 Pb B: 2023
26.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B: 2023
27.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B: 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B: 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B: 2023
30.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B: 2023
31.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN- B & E: 2023
32.	Arsenic (as as)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B: 2023
33.	Iron (as Fe)	mg/L	BDL<0.1	APHA 24th Edition 3500 Fe-B: 2023
34.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B: 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

This Report is issued under the following terms & Condition:

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


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LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0030		Date: 01/10/2025	
URL No.: TC15853250000709F			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	20/09/2025	Sampling Type	Grab
Date of Sample Received	20/09/2025	Sample ID	W/202509/0030
Sampling Location	Ambetha	Sample Description	Ground Water
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling	APHA 24 th Edition
Quantity / No. of Sample	1L + 2L + 2L / 3 Nos.	Analysis Started On	20/09/2025
Packing / Seal	Cap Seal	Analysis Completed On	30/09/2025
Type of Container	Plastic Bottle	Format No.	7.8 F-01
Environmental Condition during the test	25°C ±3 °C		

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	9.12	APHA 24th Edition 4500- H+ B: 2023
2.	Color	Co-pt	4	APHA 24th Edition 2120 C: 2023
3.	Conductivity	mmhos/cm	0.58	APHA 24th Edition 2510-B: 2023
4.	Turbidity	NTU	55	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	1.80	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	378	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	11	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	120	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	180	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	70	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	34.3	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.32	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	ND	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	20.0	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	17	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	0.04	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	ND	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	48	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	6.2	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	BioChemical Oxygen Demand @ 27 OC for 3 Days	mg/L	ND	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	ND	APHA 24th Edition 5520 B : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0030		Date: 01/10/2025	
URL No.:			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	: 20/09/2025	Sampling Type	: Grab
Date of Sample Received	: 20/09/2025	Sample ID	: W/202509/0030
Sampling Location	: Ambetha	Sample Description	: Ground Water
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling	: APHA 24 th Edition
Quantity / No. of Sample	: 1L + 2L + 2L / 3 Nos.	Analysis Started On	: 20/09/2025
Packing / Seal	: Cap Seal	Analysis Completed On	: 30/09/2025
Type of Container	: Plastic Bottle	Format No.	: 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	BDL<0.1	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	mg/L	BDL<2.0	APHA 24th Edition 3111 Pb B: 2023
26.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B: 2023
27.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B: 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B: 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B: 2023
30.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B: 2023
31.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN- B & E: 2023
32.	Arsenic (as as)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B: 2023
33.	Iron (as Fe)	mg/L	BDL<0.1	APHA 24th Edition 3500 Fe-B: 2023
34.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B: 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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


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LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0031		Date: 01/10/2025	
URL No.: TC158532500000710F			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	: 20/09/2025	Sampling Type	: Grab
Date of Sample Received	: 20/09/2025	Sample ID	: W/202509/0031
Sampling Location	: Jageshwar	Sample Description	: Ground Water
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling	: APHA 24 th Edition
Quantity / No. of Sample	: 1L + 2L + 2L / 3 Nos.	Analysis Started On	: 20/09/2025
Packing / Seal	: Cap Seal	Analysis Completed On	: 30/09/2025
Type of Container	: Plastic Bottle	Format No.	: 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	8.24	APHA 24th Edition 4500- H+ B: 2023
2.	Color	Co-pt	8	APHA 24th Edition 2120 C: 2023
3.	Conductivity	mmhos/cm	0.39	APHA 24th Edition 2510-B: 2023
4.	Turbidity	NTU	2.9	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3.50	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	252	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	BDL	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	160	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	130	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	20	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	9.3	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.54	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	ND	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	22.0	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	26	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	0.06	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	ND	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	45	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	5.4	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	BioChemical Oxygen Demand @ 27 OC for 3 Days	mg/L	ND	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	ND	APHA 24th Edition 5520 B : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0031		Date: 01/10/2025	
URL No.:			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	: 20/09/2025	Sampling Type	: Grab
Date of Sample Received	: 20/09/2025	Sample ID	: W/202509/0031
Sampling Location	: Jageshwar	Sample Description	: Ground Water
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling	: APHA 24 th Edition
Quantity / No. of Sample	: 1L + 2L + 2L / 3 Nos.	Analysis Started On	: 20/09/2025
Packing / Seal	: Cap Seal	Analysis Completed On	: 30/09/2025
Type of Container	: Plastic Bottle	Format No.	: 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	BDL<0.1	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	mg/L	BDL<2.0	APHA 24th Edition 3111 Pb B: 2023
26.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B: 2023
27.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B: 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B: 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B: 2023
30.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B: 2023
31.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN- B & E: 2023
32.	Arsenic (as as)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B: 2023
33.	Iron (as Fe)	mg/L	BDL<0.1	APHA 24th Edition 3500 Fe-B: 2023
34.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B: 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0032		Date: 01/10/2025	
URL No.: TC15853250000711F			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	20/09/2025	Sampling Type	Grab
Date of Sample Received	20/09/2025	Sample ID	W/202509/0032
Sampling Location	Luvara	Sample Description	Ground Water
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling	APHA 24 th Edition
Quantity / No. of Sample	1L + 2L + 2L / 3 Nos.	Analysis Started On	20/09/2025
Packing / Seal	Cap Seal	Analysis Completed On	30/09/2025
Type of Container	Plastic Bottle	Format No.	7.8 F-01
Environmental Condition during the test	25°C ±3 °C		

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	8.36	APHA 24th Edition 4500- H+ B: 2023
2.	Color	Co-pt	10	APHA 24th Edition 2120 C: 2023
3.	Conductivity	mmhos/cm	0.35	APHA 24th Edition 2510-B: 2023
4.	Turbidity	NTU	1.7	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	1.20	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	210	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	BDL	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	180	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	76	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	20	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	8.5	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.69	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	ND	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	22.0	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	30	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	0.04	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	ND	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	62	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	5	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	BioChemical Oxygen Demand @ 27 OC for 3 Days	mg/L	ND	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	ND	APHA 24th Edition 5520 B : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0032		Date: 01/10/2025	
URL No.:			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	: 20/09/2025	Sampling Type	: Grab
Date of Sample Received	: 20/09/2025	Sample ID	: W/202509/0032
Sampling Location	: Luvara	Sample Description	: Ground Water
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling	: APHA 24 th Edition
Quantity / No. of Sample	: 1L + 2L + 2L / 3 Nos.	Analysis Started On	: 20/09/2025
Packing / Seal	: Cap Seal	Analysis Completed On	: 30/09/2025
Type of Container	: Plastic Bottle	Format No.	: 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	BDL<0.1	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	mg/L	BDL<2.0	APHA 24th Edition 3111 Pb B: 2023
26.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B: 2023
27.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B: 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B: 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B: 2023
30.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B: 2023
31.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN- B & E: 2023
32.	Arsenic (as as)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B: 2023
33.	Iron (as Fe)	mg/L	BDL<0.1	APHA 24th Edition 3500 Fe-B: 2023
34.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B: 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0015		Date: 30/09/2025	
URL No.: TC15853250000664F			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	19/09/2025	Sampling Type	Grab
Date of Sample Received	19/09/2025	Sample ID	W/202509/0015
Sampling Location	EB -01 Up Stream	Sample Description	Ground Water
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling	APHA 24 th Edition
Quantity / No. of Sample	1L + 2L + 2L / 3 Nos.	Analysis Started On	19/09/2025
Packing / Seal	Cap Seal	Analysis Completed On	30/09/2025
Type of Container	Plastic Bottle	Format No.	7.8 F-01
Environmental Condition during the test	25°C ±3 °C		

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.75	APHA 24th Edition 4500- H+ B: 2023
2.	Color	Co-pt	15	APHA 24th Edition 2120 C: 2023
3.	Conductivity	mmhos/cm	53.24	APHA 24th Edition 2510-B: 2023
4.	Turbidity	NTU	2.35	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	18.60	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	34600	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	49	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	4380	APHA 24th Edition 2340-C: 2023
9.	Total Alkalinity as CaCO3	mg/L	368	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	18019	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	3321	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.43	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.79	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	572	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	717.14	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	0.20	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	10923	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	365	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	BioChemical Oxygen Demand @ 27 OC for 3 Days	mg/L	5.8	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

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Ayushi K Chaturvedi (Quality Manager)

(Signature)
Authorized Signatory



LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0015		Date: 30/09/2025	
URL No.:			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	19/09/2025	Sampling Type	Grab
Date of Sample Received	19/09/2025	Sample ID	W/202509/0015
Sampling Location	EB -01 Up Stream	Sample Description	Ground Water
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling	APHA 24 th Edition
Quantity / No. of Sample	1L + 2L + 2L / 3 Nos.	Analysis Started On	19/09/2025
Packing / Seal	Cap Seal	Analysis Completed On	30/09/2025
Type of Container	Plastic Bottle	Format No.	7.8 F-01
Environmental Condition during the test	25°C ±3 °C		

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	3.6	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	mg/L	BDL<2.0	APHA 24th Edition 3111 Pb B: 2023
26.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B: 2023
27.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B: 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B: 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B: 2023
30.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B: 2023
31.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN- B & E: 2023
32.	Arsenic (as as)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B: 2023
33.	Iron (as Fe)	mg/L	0.47	APHA 24th Edition 3500 Fe-B: 2023
34.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B: 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

This Report is issued under the following terms & Condition:

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

Verified By

Authorized Signatory



LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0016	Date: 30/09/2025		
URL No.: TC158532500000665F			
Customer Name & Address	: M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	: Mr. Kamalkant Raut		
Date of Sample Collection	: 19/09/2025	Sampling Type	: Grab
Date of Sample Received	: 19/09/2025	Sample ID	: W/202509/0016
Sampling Location	: EB -03 Downstream	Sample Description	: Ground Water
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling	: APHA 24 th Edition
Quantity / No. of Sample	: 1L + 2L + 2L / 3 Nos.	Analysis Started On	: 19/09/2025
Packing / Seal	: Cap Seal	Analysis Completed On	: 30/09/2025
Type of Container	: Plastic Bottle	Format No.	: 7.8 F-01
Environmental Condition during the test	25°C ±3 °C		

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.55	APHA 24th Edition 4500- H+ B: 2023
2.	Color	Co-pt	12	APHA 24th Edition 2120 C: 2023
3.	Conductivity	mmhos/cm	57.52	APHA 24th Edition 2510-B: 2023
4.	Turbidity	NTU	2.46	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	14.60	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	37420	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	45	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	3320	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	320	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	17819	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	3268	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.04	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.75	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	260.0	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	649	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	0.17	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	10786	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	268	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 OC for 3 Days	mg/L	5.4	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

Ayushi K Chaturvedi (Quality Manager)

Ayushi K Chaturvedi
Verified By

Ayushi K Chaturvedi
Authorized Signatory



LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0016		Date: 30/09/2025	
URL No.:			
Customer Name & Address		M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,	
Contact Person		Mr. Kamalkant Raut	
Date of Sample Collection	: 19/09/2025	Sampling Type	: Grab
Date of Sample Received	: 19/09/2025	Sample ID	: W/202509/0016
Sampling Location	: EB -03 Downstream	Sample Description	: Ground Water
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling	: APHA 24 th Edition
Quantity / No. of Sample	: 1L + 2L + 2L / 3 Nos.	Analysis Started On	: 19/09/2025
Packing / Seal	: Cap Seal	Analysis Completed On	: 30/09/2025
Type of Container	: Plastic Bottle	Format No.	: 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	2.8	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	mg/L	BDL<2.0	APHA 24th Edition 3111 Pb B: 2023
26.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B: 2023
27.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B: 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B: 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B: 2023
30.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B: 2023
31.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN- B & E: 2023
32.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B: 2023
33.	Iron (as Fe)	mg/L	0.28	APHA 24th Edition 3500 Fe-B: 2023
34.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B: 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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

Verified By

Authorizing Signatory



LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0017		Date: 30/09/2025	
URL No.: TC15853250000066F			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	19/09/2025	Sampling Type	Grab
Date of Sample Received	19/09/2025	Sample ID	W/202509/0017
Sampling Location	EB -04 Down Stream	Sample Description	Ground Water
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling	APHA 24 th Edition
Quantity / No. of Sample	1L + 2L + 2L / 3 Nos.	Analysis Started On	19/09/2025
Packing / Seal	Cap Seal	Analysis Completed On	30/09/2025
Type of Container	Plastic Bottle	Format No.	7.8 F-01
Environmental Condition during the test	25°C ±3 °C		

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.7	APHA 24th Edition 4500- H+ B: 2023
2.	Color	Co-pt	12	APHA 24th Edition 2120 C: 2023
3.	Conductivity	mmhos/cm	52.74	APHA 24th Edition 2510-B: 2023
4.	Turbidity	NTU	2.13	APHA 24th Edition 2130-B: 2023
5.	Total Suspended solids	mg/L	12.60	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	34260	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	48	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	3740	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	316	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	16845	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	3054	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	0.99	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.63	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	340.0	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	703	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	0.15	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	10624	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	248	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 OC for 3 Days	mg/L	5.2	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

Ayushi K Chaturvedi (Quality Manager)

Ayushi K Chaturvedi
Verified By

Ayushi K Chaturvedi
Authorized Signatory



LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0017		Date: 30/09/2025	
URL No.:			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	19/09/2025	Sampling Type	Grab
Date of Sample Received	19/09/2025	Sample ID	W/202509/0017
Sampling Location	EB -04 Down Stream	Sample Description	Ground Water
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling	APHA 24 th Edition
Quantity / No. of Sample	1L + 2L + 2L / 3 Nos.	Analysis Started On	19/09/2025
Packing / Seal	Cap Seal	Analysis Completed On	30/09/2025
Type of Container	Plastic Bottle	Format No.	7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	3.6	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	mg/L	BDL<2.0	APHA 24th Edition 3111 Pb B: 2023
26.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B: 2023
27.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B: 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B: 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B: 2023
30.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B: 2023
31.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN- B & E: 2023
32.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B: 2023
33.	Iron (as Fe)	mg/L	0.21	APHA 24th Edition 3500 Fe-B: 2023
34.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B: 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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


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 Authorized Signatory



LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0018		Date: 30/09/2025	
URL No.: TC158532500000667F			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	19/09/2025	Sampling Type	Grab
Date of Sample Received	19/09/2025	Sample ID	W/202509/0018
Sampling Location	EB -02 Down Stream	Sample Description	Ground Water
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling	APHA 24 th Edition
Quantity / No. of Sample	1L + 2L + 2L / 3 Nos.	Analysis Started On	19/09/2025
Packing / Seal	Cap Seal	Analysis Completed On	30/09/2025
Type of Container	Plastic Bottle	Format No.	7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.78	APHA 24th Edition 4500- H+ B: 2023
2.	Color	Co-pt	10	APHA 24th Edition 2120 C: 2023
3.	Conductivity	mmhos/cm	52.38	APHA 24th Edition 2510-B: 2023
4.	Turbidity	NTU	1.64	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	16.60	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	34020	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	41	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	3630	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	330	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	17869	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	3143	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.24	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.67	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	328	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	683	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	0.18	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	10846	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	292	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 OC for 3 Days	mg/L	5.5	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

Ayushi K Chaturvedi (Quality Manager)

Ayushi K Chaturvedi
Verified By





LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0018		Date: 30/09/2025	
URL No.:			
Customer Name & Address	: M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	: Mr. Kamalkant Raut		
Date of Sample Collection	: 19/09/2025	Sampling Type	: Grab
Date of Sample Received	: 19/09/2025	Sample ID	: W/202509/0018
Sampling Location	: EB -02 Down Stream	Sample Description	: Ground Water
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling	: APHA 24 th Edition
Quantity / No. of Sample	: 1L + 2L + 2L / 3 Nos.	Analysis Started On	: 19/09/2025
Packing / Seal	: Cap Seal	Analysis Completed On	: 30/09/2025
Type of Container	: Plastic Bottle	Format No.	: 7.8 F-01
Environmental Condition during the test		25°C ±3 °C	

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	3.25	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	mg/L	BDL<2.0	APHA 24th Edition 3111 Pb B: 2023
26.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B: 2023
27.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B: 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B: 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B: 2023
30.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B: 2023
31.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN- B & E: 2023
32.	Arsenic (as as)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B: 2023
33.	Iron (as Fe)	mg/L	0.40	APHA 24th Edition 3500 Fe-B: 2023
34.	Zinc (as Zn)	mg/L	BDL<0.2	APHA 24th Edition 3111 Zn B: 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

This Report is issued under the following terms & Condition:

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


Verified By


Authorized Signatory



LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0019		Date: 30/09/2025	
URL No.: TC158532500000668F			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	19/09/2025	Sampling Type	Grab
Date of Sample Received	19/09/2025	Sample ID	W/202509/0019
Sampling Location	Inside Mandir Dahej Village	Sample Description	Ground Water
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling	APHA 24 th Edition
Quantity / No. of Sample	1L + 2L + 2L / 3 Nos.	Analysis Started On	19/09/2025
Packing / Seal	Cap Seal	Analysis Completed On	30/09/2025
Type of Container	Plastic Bottle	Format No.	7.8 F-01
Environmental Condition during the test	25°C ±3 °C		

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	7.71	APHA 24th Edition 4500- H+ B: 2023
2.	Color	Co-pt	5	APHA 24th Edition 2120 C: 2023
3.	Conductivity	mmhos/cm	0.34	APHA 24th Edition 2510-B: 2023
4.	Turbidity	NTU	0.12	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	ND	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	224	APHA 24th Edition 2540- C: 2023
7.	Chemical Oxygen Demand	mg/L	BDL	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	150	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	62	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	36	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	10.89	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	ND	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	ND	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	32.0	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	17	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	0.04	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	ND	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	55	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	5.2	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Biochemical Oxygen Demand @ 27 OC for 3 Days	mg/L	ND	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	ND	APHA 24th Edition 5520 B : 2023

Ayushi K Chaturvedi (Quality Manager)

Ayushi K Chaturvedi
Verified By

Ayushi K Chaturvedi
Authorized Signatory



LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0019	Date: 30/09/2025		
URL No.:			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	19/09/2025	Sampling Type	Grab
Date of Sample Received	19/09/2025	Sample ID	W/202509/0019
Sampling Location	Inside Mandir Dahej Village	Sample Description	Ground Water
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling	APHA 24 th Edition
Quantity / No. of Sample	1L + 2L + 2L / 3 Nos.	Analysis Started On	19/09/2025
Packing / Seal	Cap Seal	Analysis Completed On	30/09/2025
Type of Container	Plastic Bottle	Format No.	7.8 F-01
Environmental Condition during the test	25°C ± 3°C		

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	BDL<0.1	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	mg/L	BDL<2.0	APHA 24th Edition 3111 Pb B: 2023
26.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B: 2023
27.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B: 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B: 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B: 2023
30.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B: 2023
31.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN- B & E: 2023
32.	Arsenic (as as)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B: 2023
33.	Iron (as Fe)	mg/L	0.12	APHA 24th Edition 3500 Fe-B: 2023
34.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B: 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

This Report is issued under the following terms & Condition:

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


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LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0020		Date: 30/09/2025	
URL No.: TC158532500000669F			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	: 19/09/2025	Sampling Type	: Grab
Date of Sample Received	: 19/09/2025	Sample ID	: W/202509/0020
Sampling Location	: Near Bus Station Dahej Village	Sample Description	: Ground Water
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling	: APHA 24 th Edition
Quantity / No. of Sample	: 1L + 2L + 2L / 3 Nos.	Analysis Started On	: 19/09/2025
Packing / Seal	: Cap Seal	Analysis Completed On	: 30/09/2025
Type of Container	: Plastic Bottle	Format No.	: 7.8 F-01
Environmental Condition during the test		25°C ± 3 °C	

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	8.17	APHA 24th Edition 4500- H+ B: 2023
2.	Color	Co-pt	8	APHA 24th Edition 2120 C: 2023
3.	Conductivity	mmhos/cm	0.38	APHA 24th Edition 2510-B: 2023
4.	Turbidity	NTU	0.28	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	ND	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	240	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	BDL	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	160	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	72	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	42	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	12.2	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	ND	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	ND	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	36	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	17	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	0.06	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	ND	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	58	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	5.6	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	BioChemical Oxygen Demand @ 27 °C for 3 Days	mg/L	ND	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	ND	APHA 24th Edition 5520 B : 2023

Ayushi K Chaturvedi (Quality Manager)

[Signature]
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Report No.: VBPL/W/202509/0020		LABORATORY TESTING REPORT		Date: 30/09/2025
URL No.:				
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,			
Contact Person	Mr. Kamalkant Raut			
Date of Sample Collection	19/09/2025	Sampling Type	Grab	
Date of Sample Received	19/09/2025	Sample ID	W/202509/0020	
Sampling Location	Near Bus Station Dahej Village	Sample Description	Ground Water	
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling	APHA 24 th Edition	
Quantity / No. of Sample	1L + 2L + 2L / 3 Nos.	Analysis Started On	19/09/2025	
Packing / Seal	Cap Seal	Analysis Completed On	30/09/2025	
Type of Container	Plastic Bottle	Format No.	7.8 F-01	
Environmental Condition during the test	25°C ±3 °C			

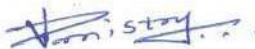
Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	BDL<0.1	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	mg/L	BDL<2.0	APHA 24th Edition 3111 Pb B: 2023
26.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B: 2023
27.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B: 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B: 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B: 2023
30.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B: 2023
31.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN- B & E: 2023
32.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B: 2023
33.	Iron (as Fe)	mg/L	0.09	APHA 24th Edition 3500 Fe-B: 2023
34.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B: 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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


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LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0021		Date: 30/09/2025	
URL No.: TC158532500000670F			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Date of Sample Collection	19/09/2025	Sampling Type	Grab
Date of Sample Received	19/09/2025	Sample ID	W/202509/0021
Sampling Location	Near Gram Panchayat Dahej Village	Sample Description	Ground Water
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling	APHA 24 th Edition
Quantity / No. of Sample	1L + 2L + 2L / 3 Nos.	Analysis Started On	19/09/2025
Packing / Seal	Cap Seal	Analysis Completed On	30/09/2025
Type of Container	Plastic Bottle	Format No.	7.8 F-01
Environmental Condition during the test	25°C ±3 °C		

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	pH	-	8.51	APHA 24th Edition 4500- H+ B: 2023
2.	Color	Co-pt	4	APHA 24th Edition 2120 C: 2023
3.	Conductivity	mmhos/cm	0.35	APHA 24th Edition 2510-B: 2023
4.	Turbidity	NTU	0.14	APHA 24th Edition 2130-B: 2023
5.	Total Suspended solids	mg/L	ND	APHA 24th Edition 2540-D: 2023
6.	Total Dissolved solids	mg/L	220	APHA 24th Edition 2540- C: 2023
7.	Chemical Oxygen Demand	mg/L	BDL	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	130	APHA 24th Edition 2340-C: 2023
9.	Total Alkalinity as CaCO3	mg/L	60	APHA 24th Edition 2320-B: 2023
10.	Total Kjeldahl Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	40	APHA 24th Edition 4500- Cl- B: 2023
12.	Sulphate (as SO4)	mg/L	11	APHA 24th Edition 4500- SO42-E: 2023
13.	Nitrate as (N-NO3)	mg/L	ND	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	ND	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	30.0	APHA 24th Edition 3500- Ca-B: 2023
16.	Magnesium (as Mg)	mg/L	13	APHA 24th Edition 3500 Mg B: 2023
17.	Phosphate	mg/L	0.02	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	ND	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	58	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	5.4	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 OC for 3 Days	mg/L	ND	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	ND	APHA 24th Edition 5520 B : 2023

Ayushi K Chaturvedi (Quality Manager)

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202509/0021	Date: 30/09/2025		
URL No.:			
Customer Name & Address :	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person :	Mr. Kamalkant Raut		
Date of Sample Collection :	19/09/2025	Sampling Type :	Grab
Date of Sample Received :	19/09/2025	Sample ID :	W/202509/0021
Sampling Location :	Near Gram Panchayat Dahej Village	Sample Description :	Ground Water
Sample Collected / Submitted by :	VBPL Team	Protocol used for Sampling :	APHA 24 th Edition
Quantity / No. of Sample :	1L + 2L + 2L / 3 Nos.	Analysis Started On :	19/09/2025
Packing / Seal :	Cap Seal	Analysis Completed On :	30/09/2025
Type of Container :	Plastic Bottle	Format No. :	7.8 F-01
Environmental Condition during the test	25°C ±3 °C		

Ground Water Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	BDL<0.1	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	mg/L	BDL<2.0	APHA 24th Edition 3111 Pb B: 2023
26.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B: 2023
27.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B: 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B: 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B: 2023
30.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B: 2023
31.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN- B & E: 2023
32.	Arsenic (as as)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B: 2023
33.	Iron (as Fe)	mg/L	0.19	APHA 24th Edition 3500 Fe-B: 2023
34.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B: 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

This Report is issued under the following terms & Condition:

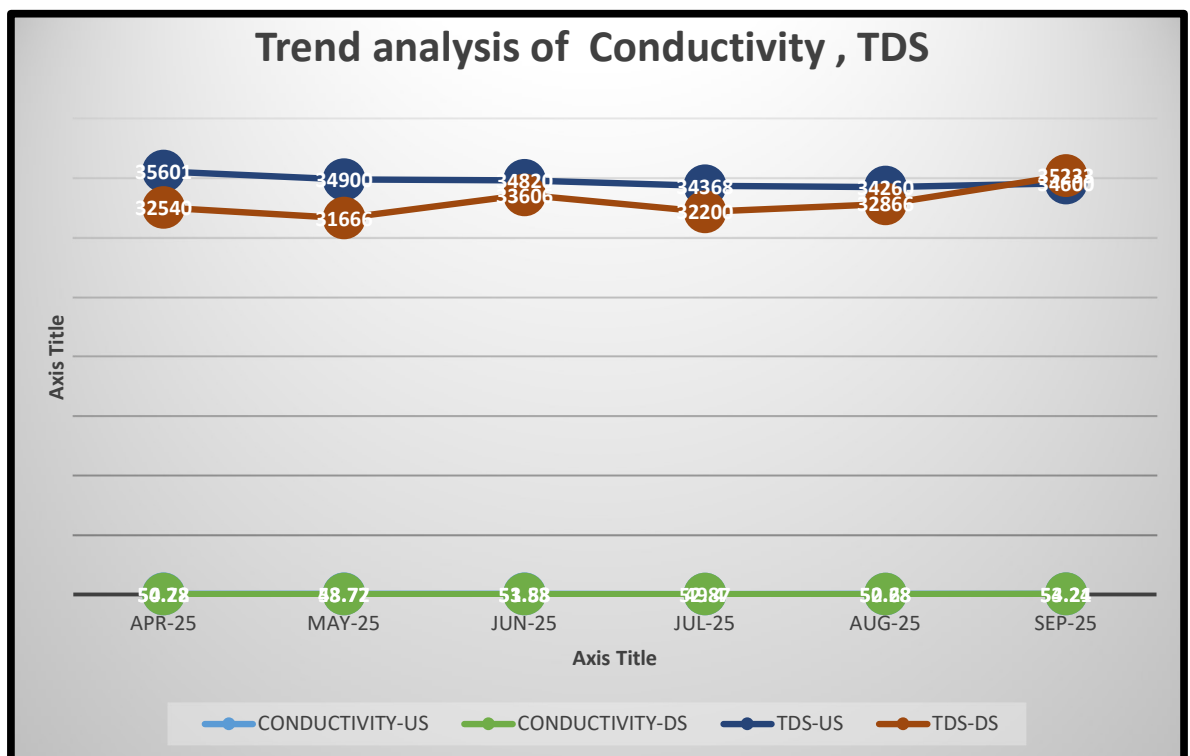
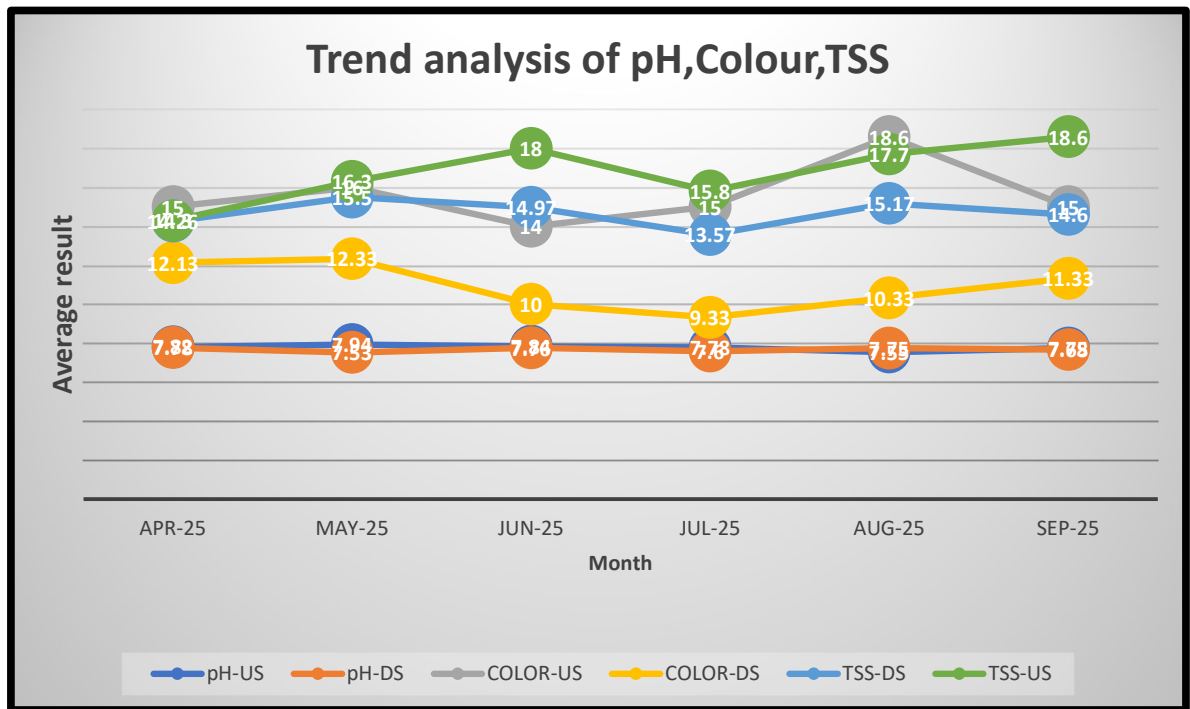
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3. Samples shall be stored for the period of 15 days after the date of issue of Report.


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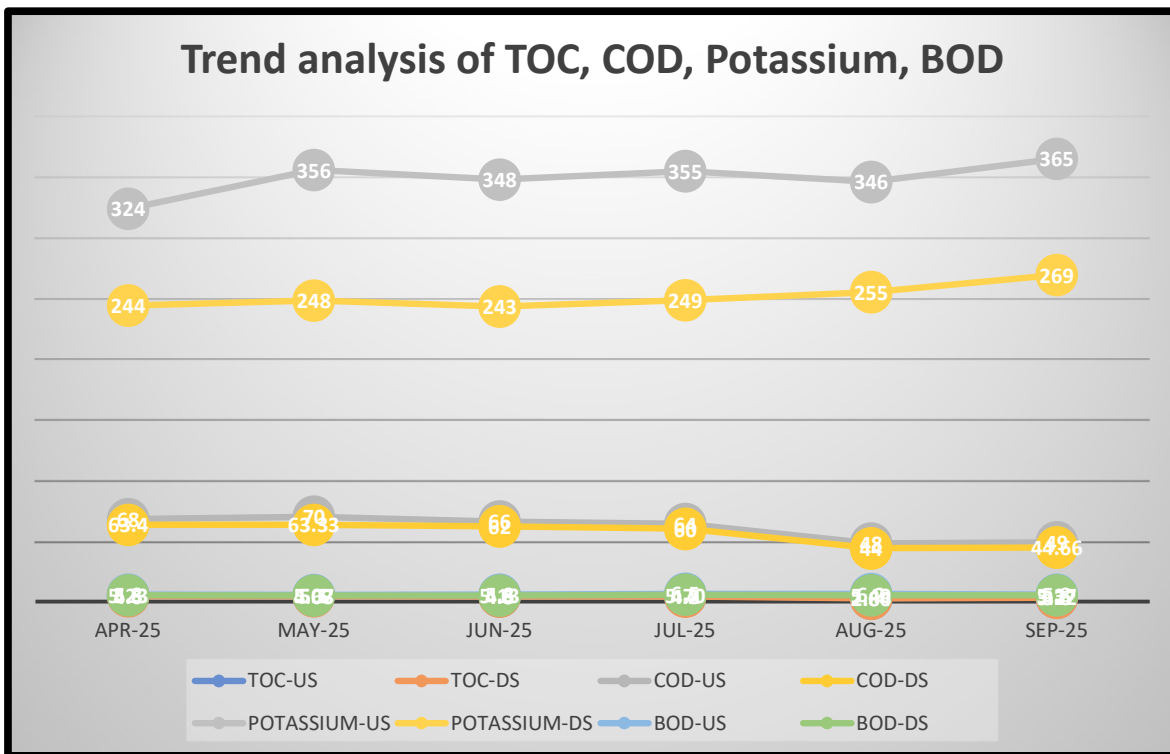
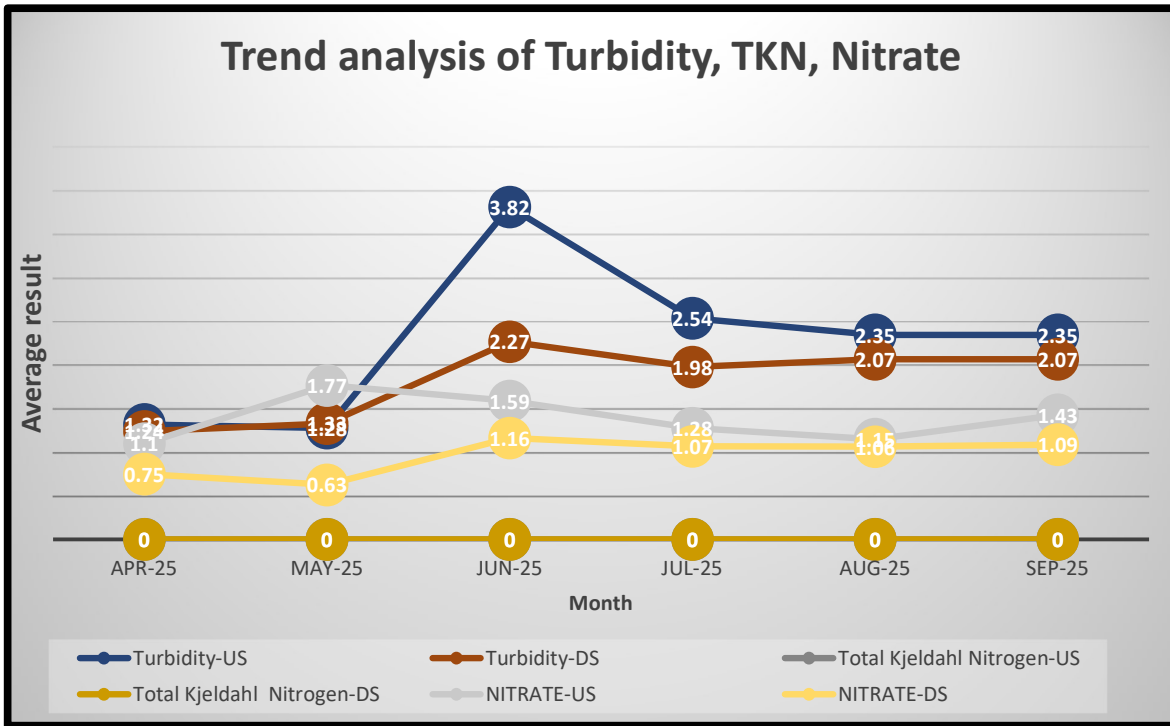
Annexure-05(a)

Trend analysis of Ground water (April'2025-Sept'2025)



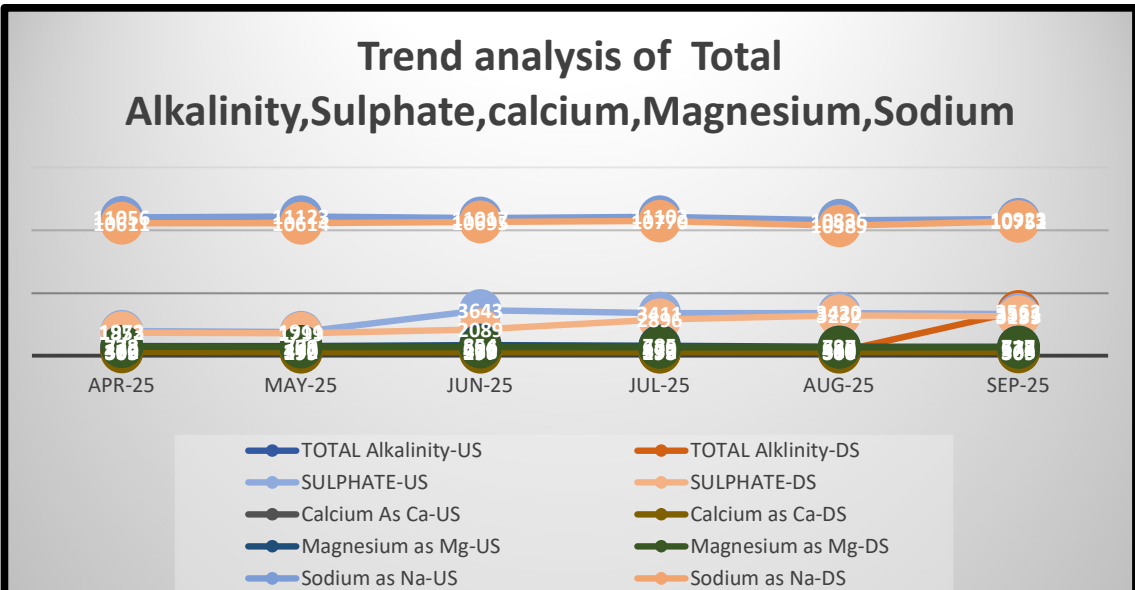
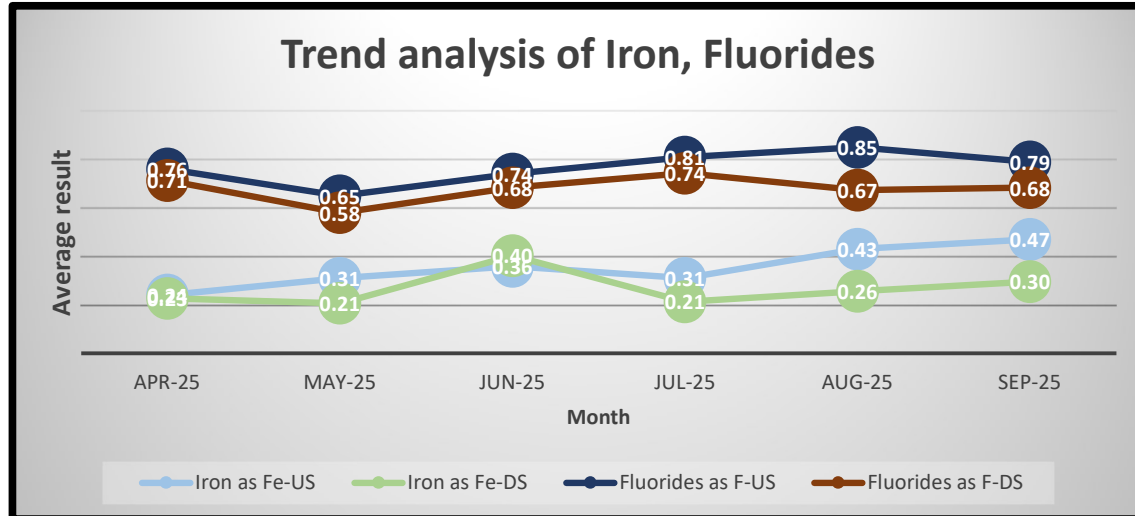
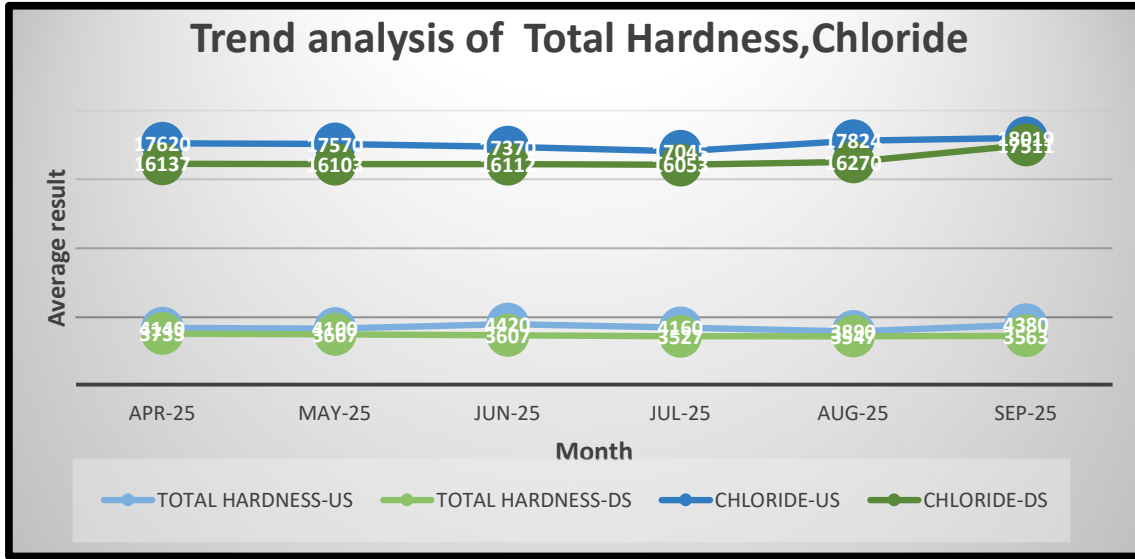
Annexure-05(a)

Trend analysis of Ground water (April'2025-Sept'2025)



Annexure-05(a)

Trend analysis of Ground water (April'2025-Sept'2025)



Annexure 5b



LABORATORY TESTING REPORT

Report No.: VE/S/202505/0002		Date: 05/06/2025	
URL No.: TC158532500000123F			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta : Vagra District : Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Rout		
Date of Sample Collection	30/05/2025	Sampling Type	Composite
Date of Sample Received	30/05/2025	Sample ID	S/202505/0002
Sampling Location	Near EB-1	Sample Description	Soil
Sample Collected / Submitted by	VE Team	Protocol used for Sampling	SOP Based
Quantity / No. of Sample	2 Kg/1 Nos.	Analysis Started On	31/05/2025
Packing / Seal	Seal Pack	Analysis Completed On	05/06/2025
Type of Container	Plastic Bag	Format No.	7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	8.26	-	IS 2720 (Part 26) : 1987
2.	Conductivity	2435	µmho/cm	IS: 14767: 2000

LABORATORY TESTING REPORT

Report No.: VE/S/202505/0002		Date: 05/06/2025	
URL No.:			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta : Vagra District : Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Rout		
Date of Sample Collection	30/05/2025	Date of Sample Collection	30/05/2025
Date of Sample Received	30/05/2025	Date of Sample Received	30/05/2025
Sampling Location	Near EB-1	Sampling Location	Near EB-2
Sample Collected / Submitted by	VE Team	Sample Collected / Submitted by	VE Team
Quantity / No. of Sample	2 Kg/1 Nos.	Quantity / No. of Sample	2 Kg/1 Nos.
Packing / Seal	Seal Pack	Packing / Seal	Seal Pack
Type of Container	Plastic Bag	Type of Container	Plastic Bag
Environmental Condition during the test		25°C ±3 °C	

Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	0.32	mg/L	EPA 7000 B: 2007
4.	Cadmium as Cd by TCLP	ND	mg/L	EPA 7000 B: 2007
5.	Copper as Cu by TCLP	0.32	mg/L	EPA 7000 B: 2007
6.	Chromium as Cr by TCLP	0.25	mg/L	EPA 7000 B: 2007
7.	Nickel as Ni by TCLP	0.52	mg/L	EPA 7000 B: 2007
8.	Arsenic as As by TCLP	BDL<0.01	mg/L	EPA 7062 B: 1994
9.	Manganese as Mn by TCLP	0.4	mg/L	EPA 7000 B: 2007
10.	Zinc as Zn by TCLP	0.42	mg/L	EPA 7000 B: 2007
11.	TDS by TCLP	1480	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	0.65	%	IS 2720 (Part 22) : 1972
13.	Fluoride	1.12	mg/L	EPA Method : 9214
14.	Mercury as Hg by TCLP	BDL<0.01	mg/L	EPA 7062 B: 1994
15.	Cyanide as CN	BDL<0.02	mg/L	EPA 7062 B: 1994
16.	PAH	ND	mg/L	EPA Method : 610

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

This Report is issued under the following terms & Condition:

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

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory



41

Formerly known as "VASUNDHARA ENTERPRISE"

Page No 1 of 2

Office :
Plot No.7313/1/A
GIDC Ankleshwar - 393002.

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

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory



42

Formerly known as "VASUNDHARA ENTERPRISE"

Page No 2 of 2

Office :
Plot No.7313/1/A
GIDC Ankleshwar - 393002.

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

LABORATORY TESTING REPORT

Report No.: VE/S/202505/0003		Date: 05/06/2025	
URL No.: TC158532500000124F			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Rout		
Date of Sample Collection	30/05/2025	Sampling Type	Composite
Date of Sample Received	30/05/2025	Sample ID	S/202505/0003
Sampling Location	Near EB-4	Sample Description	Soil
Sample Collected / Submitted by	VE Team	Protocol used for Sampling	SOP Based
Quantity / No. of Sample	2 Kg/1 Nos.	Analysis Started On	31/05/2025
Packing / Seal	Seal Pack	Analysis Completed On	05/06/2025
Type of Container	Plastic Bag	Format No.	7.8 F-04
Environmental Condition during the test	25°C ±3 °C		

Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	8.35	-	IS 2720 (Part 26): 1987
2.	Conductivity	1952	µmho/cm	IS: 14767: 2000

LABORATORY TESTING REPORT

Report No.: VE/S/202505/0003		Date: 05/06/2025	
URL No.:			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Rout		
Date of Sample Collection	30/05/2025	Sampling Type	Composite
Date of Sample Received	30/05/2025	Sample ID	S/202505/0003
Sampling Location	Near EB-4	Sample Description	Soil
Sample Collected / Submitted by	VE Team	Protocol used for Sampling	SOP Based
Quantity / No. of Sample	2 Kg/1 Nos.	Analysis Started On	31/05/2025
Packing / Seal	Seal Pack	Analysis Completed On	05/06/2025
Type of Container	Plastic Bag	Format No.	7.8 F-04
Environmental Condition during the test	25°C ±3 °C		

Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	0.28	mg/L	EPA 7000 B : 2007
4.	Cadmium as Cd by TCLP	ND	mg/L	EPA 7000 B : 2007
5.	Copper as Cu by TCLP	0.38	mg/L	EPA 7000 B : 2007
6.	Chromium as Cr by TCLP	0.18	mg/L	EPA 7000 B : 2007
7.	Nickel as Ni by TCLP	0.75	mg/L	EPA 7000 B : 2007
8.	Arsenic as As by TCLP	BDL<0.01	mg/L	EPA 7062 B : 1994
9.	Manganese as Mn by TCLP	0.75	mg/L	EPA 7000 B : 2007
10.	Zinc as Zn by TCLP	0.35	mg/L	EPA 7000 B : 2007
11.	TDS by TCLP	1205	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	0.42	%	IS 2720 (Part 22) : 1972
13.	Fluoride	1.16	mg/L	EPA Method : 9214
14.	Mercury as Hg by TCLP	BDL<0.01	mg/L	EPA 7062 B : 1994
15.	Cyanide as CN	BDL<0.02	mg/L	EPA 7062 B : 1994
16.	PAH	ND	mg/L	EPA Method : 610

End Report

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Shail
Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

Shail
Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"



LABORATORY TESTING REPORT

Report No.: VE/S/202505/0004	Date: 05/06/2025		
URL No.: TC158532500000125F			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Rout		
Date of Sample Collection	30/05/2025	Sampling Type	Composite
Date of Sample Received	30/05/2025	Sample ID	S/202505/0004
Sampling Location	Infront Lime shed	Sample Description	Soil
Sample Collected / Submitted by	VE Team	Protocol used for Sampling	SOP Based
Quantity / No. of Sample	2 Kg/1 Nos.	Analysis Started On	31/05/2025
Packing / Seal	Seal Pack	Analysis Completed On	05/06/2025
Type of Container	Plastic Bag	Format No.	7.8 F-04
Environmental Condition during the test	25°C ±3 °C		

Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	8.66	-	IS 2720 (Part 26): 1987
2.	Conductivity	2745	µmho/cm	IS: 14767: 2000

LABORATORY TESTING REPORT

Report No.: VE/S/202505/0004	Date: 05/06/2025		
URL No.:			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Cujrat,		
Contact Person	Mr. Kamalkant Rout		
Date of Sample Collection	30/05/2025	Sampling Type	Composite
Date of Sample Received	30/05/2025	Sample ID	S/202505/0004
Sampling Location	Infront Lime shed	Sample Description	Soil
Sample Collected / Submitted by	VE Team	Protocol used for Sampling	SOP Based
Quantity / No. of Sample	2 Kg/1 Nos.	Analysis Started On	31/05/2025
Packing / Seal	Seal Pack	Analysis Completed On	05/06/2025
Type of Container	Plastic Bag	Format No.	7.8 F-04
Environmental Condition during the test	25°C ±3 °C		

Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	0.25	mg/L	EPA 7000 B: 2007
4.	Cadmium as Cd by TCLP	ND	mg/L	EPA 7000 B: 2007
5.	Copper as Cu by TCLP	0.45	mg/L	EPA 7000 B: 2007
6.	Chromium as Cr by TCLP	0.31	mg/L	EPA 7000 B: 2007
7.	Nickel as Ni by TCLP	0.63	mg/L	EPA 7000 B: 2007
8.	Arsenic as As by TCLP	BDL<0.01	mg/L	EPA 7062 B: 1994
9.	Manganese as Mn by TCLP	0.58	mg/L	EPA 7000 B: 2007
10.	Zinc as Zn by TCLP	0.62	mg/L	EPA 7000 B: 2007
11.	TDS by TCLP	1658	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	0.72	%	IS 2720 (Part 22): 1972
13.	Fluoride	1.25	mg/L	EPA Method: 9214
14.	Mercury as Hg by TCLP	BDL<0.01	mg/L	EPA 7062 B: 1994
15.	Cyanide as CN	BDL<0.02	mg/L	EPA 7062 B: 1994
16.	PAH	ND	mg/L	EPA Method: 610

End Report

This Report is issued under the following terms & Condition:

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

Shub
Verified By

Ayushi K Chaturvedi (Manager)



Formerly known as "VASUNDHARA ENTERPRISE"

Shub
Verified By

Ayushi K Chaturvedi (Manager)



Formerly known as "VASUNDHARA ENTERPRISE"

LABORATORY TESTING REPORT

Report No.: VE/S/202505/0005		Date: 05/06/2025	
URL No.: TC158532500000126F			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta : Vagra District : Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Rout		
Date of Sample Collection	30/05/2025	Sampling Type	Composite
Date of Sample Received	30/05/2025	Sample ID	S/202505/0005
Sampling Location	Near Admin Office	Sample Description	Soil
Sample Collected / Submitted by	VE Team	Protocol used for Sampling	SOP Based
Quantity / No. of Sample	2 Kg/1 Nos.	Analysis Started On	31/05/2025
Packing / Seal	Seal Pack	Analysis Completed On	05/06/2025
Type of Container	Plastic Bag	Format No.	7.8 F-04
Environmental Condition during the test	25°C ±3 °C		

Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	8.25	-	IS 2720 (Part 26): 1987
2.	Conductivity	1225	µmho/cm	IS: 14767: 2000

LABORATORY TESTING REPORT

Report No.: VE/S/202505/0005		Date: 05/06/2025	
URL No.:			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta : Vagra District : Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Rout		
Date of Sample Collection	30/05/2025	Sampling Type	Composite
Date of Sample Received	30/05/2025	Sample ID	S/202505/0005
Sampling Location	Near Admin Office	Sample Description	Soil
Sample Collected / Submitted by	VE Team	Protocol used for Sampling	SOP Based
Quantity / No. of Sample	2 Kg/1 Nos.	Analysis Started On	31/05/2025
Packing / Seal	Seal Pack	Analysis Completed On	05/06/2025
Type of Container	Plastic Bag	Format No.	7.8 F-04
Environmental Condition during the test	25°C ±3 °C		

Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	ND	mg/L	EPA 7000 B: 2007
4.	Cadmium as Cd by TCLP	ND	mg/L	EPA 7000 B: 2007
5.	Copper as Cu by TCLP	0.28	mg/L	EPA 7000 B: 2007
6.	Chromium as Cr by TCLP	0.22	mg/L	EPA 7000 B: 2007
7.	Nickel as Ni by TCLP	0.34	mg/L	EPA 7000 B: 2007
8.	Arsenic as As by TCLP	BDL<0.01	mg/L	EPA 7062 B: 1994
9.	Manganese as Mn by TCLP	0.42	mg/L	EPA 7000 B: 2007
10.	Zinc as Zn by TCLP	0.68	mg/L	EPA 7000 B: 2007
11.	TDS by TCLP	765	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	0.35	%	IS 2720 (Part 22): 1972
13.	Fluoride	0.74	mg/L	EPA Method: 9214
14.	Mercury as Hg by TCLP	BDL<0.01	mg/L	EPA 7062 B: 1994
15.	Cyanide as CN	BDL<0.02	mg/L	EPA 7062 B: 1994
16.	PAH	ND	mg/L	EPA Method: 610

End Report

This Report is issued under the following terms & Condition:

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

(Signature)
Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

(Signature)
Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VE/S/202505/0006		Date: 05/06/2025	
URL No.: TC158532500000127F			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta : Vagra District : Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Kout		
Date of Sample Collection	30/05/2025	Sampling Type	Composite
Date of Sample Received	30/05/2025	Sample ID	S/202505/0006
Sampling Location	Opp Khetan Industries	Sample Description	Soil
Sample Collected / Submitted by	VE Team	Protocol used for Sampling	SOP Based
Quantity / No. of Sample	2 Kg/1 Nos.	Analysis Started On	31/05/2025
Packing / Seal	Seal Pack	Analysis Completed On	05/06/2025
Type of Container	Plastic Bag	Format No.	7.8 F-04
Environmental Condition during the test	25°C ±3 °C		

Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	8.38	-	IS 2720 (Part 26): 1987
2.	Conductivity	2702	µmho/cm	IS: 14767: 2000

LABORATORY TESTING REPORT

Report No.: VE/S/202505/0006		Date: 05/06/2025	
URL No.:			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta : Vagra District : Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Kout		
Date of Sample Collection	30/05/2025	Sampling Type	Composite
Date of Sample Received	30/05/2025	Sample ID	S/202505/0006
Sampling Location	Opp Khetan Industries	Sample Description	Soil
Sample Collected / Submitted by	VE Team	Protocol used for Sampling	SOP Based
Quantity / No. of Sample	2 Kg/1 Nos.	Analysis Started On	31/05/2025
Packing / Seal	Seal Pack	Analysis Completed On	05/06/2025
Type of Container	Plastic Bag	Format No.	7.8 F-04
Environmental Condition during the test	25°C ±3 °C		

Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	0.15	mg/L	EPA 7000 B: 2007
4.	Cadmium as Cd by TCLP	ND	mg/L	EPA 7000 B: 2007
5.	Copper as Cu by TCLP	0.28	mg/L	EPA 7000 B: 2007
6.	Chromium as Cr by TCLP	0.17	mg/L	EPA 7000 B: 2007
7.	Nickel as Ni by TCLP	0.43	mg/L	EPA 7000 B: 2007
8.	Arsenic as As by TCLP	BDL<0.01	mg/L	EPA 7062 B: 1994
9.	Manganese as Mn by TCLP	0.36	mg/L	EPA 7000 B: 2007
10.	Zinc as Zn by TCLP	0.18	mg/L	EPA 7000 B: 2007
11.	TDS by TCLP	1635	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	0.45	%	IS 2720 (Part 22): 1972
13.	Fluoride	0.98	mg/L	EPA Method: 9214
14.	Mercury as Hg by TCLP	BDL<0.01	mg/L	EPA 7062 B: 1994
15.	Cyanide as CN	BDL<0.02	mg/L	EPA 7062 B: 1994
16.	PAH	ND	mg/L	EPA Method: 610

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

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



Verified By

Ayushi K Chaturvedi (Quality Manager)




Verified By

Ayushi K Chaturvedi (Quality Manager)



LABORATORY TESTING REPORT

Report No.: VE/S/202505/0007		Date: 05/06/2025	
URL No.: TC158532500000128F			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Rout		
Date of Sample Collection	30/05/2025	Sampling Type	Composite
Date of Sample Received	30/05/2025	Sample ID	S/202505/0007
Sampling Location	Behind Tagros	Sample Description	Soil
Sample Collected / Submitted by	VE Team	Protocol used for Sampling	SOP Based
Quantity / No. of Sample	2 Kg/1 Nos.	Analysis Started On	31/05/2025
Packing / Seal	Seal Pack	Analysis Completed On	05/06/2025
Type of Container	Plastic Bag	Format No.	7.8 F-04
Environmental Condition during the test	25°C ±3 °C		

Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	8.45	-	IS 2720 (Part 26) : 1987
2.	Conductivity	1845	µmho/cm	IS: 14767: 2000

LABORATORY TESTING REPORT

Report No.: VE/S/202505/0007		Date: 05/06/2025	
URL No.:			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Rout		
Date of Sample Collection	30/05/2025	Sampling Type	Composite
Date of Sample Received	30/05/2025	Sample ID	S/202505/0007
Sampling Location	Behind Tagros	Sample Description	Soil
Sample Collected / Submitted by	VE Team	Protocol used for Sampling	SOP Based
Quantity / No. of Sample	2 Kg/1 Nos.	Analysis Started On	31/05/2025
Packing / Seal	Seal Pack	Analysis Completed On	05/06/2025
Type of Container	Plastic Bag	Format No.	7.8 F-04
Environmental Condition during the test	25°C ±3 °C		

Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	ND	mg/L	EPA 7000 B: 2007
4.	Cadmium as Cd by TCLP	ND	mg/L	EPA 7000 B: 2007
5.	Copper as Cu by TCLP	0.42	mg/L	EPA 7000 B: 2007
6.	Chromium as Cr by TCLP	0.28	mg/L	EPA 7000 B: 2007
7.	Nickel as Ni by TCLP	0.48	mg/L	EPA 7000 B: 2007
8.	Arsenic as As by TCLP	BDL<0.01	mg/L	EPA 7062 B: 1994
9.	Manganese as Mn by TCLP	0.62	mg/L	EPA 7000 B: 2007
10.	Zinc as Zn by TCLP	0.28	mg/L	EPA 7000 B: 2007
11.	TDS by TCLP	1146	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	0.72	%	IS 2720 (Part 22): 1972
13.	Fluoride	0.84	mg/L	EPA Method: 9214
14.	Mercury as Hg by TCLP	BDL<0.01	mg/L	EPA 7062 B: 1994
15.	Cyanide as CN	BDL<0.02	mg/L	EPA 7062 B: 1994
16.	PAH	ND	mg/L	EPA Method: 610

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

This Report is issued under the following terms & Condition:

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Verified By

Ayushi K Chaturvedi (Quality Manager)




Verified By

Ayushi K Chaturvedi (Quality Manager)





Annexure 06

BEIL INFRASTRUCTURE LIMITED

(formerly known as Bharuch Enviro Infrastructure Limited)

Unit - Dahej

Date: 04/09/2025

PCB ID: 40137

Ref: BEIL/DHJ/2025-26/29

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

Sub: Compliance of recommendations of Environmental Audit for the Half year (October-2024 to March-2025)

Dear Sir,

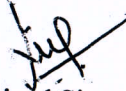
We have submitted half yearly Environment Audit Report for October-2024 to March-2025 to H.O. GPCB Gandhinagar on 25.08.2025. The audit was carried out by Gujarat Industrial and Technical Consultancy Organization Ltd, Ahmedabad.

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

Blue ink 20/9/25
Post Received
Gujarat Pollution Control Board
BHARUCH

CIN NO. U45300GJ1997PLC032696

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

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

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

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

Compliance report of Observations and Recommendations of Half yearly Environment audit of BEIL Infrastructure limited carried out by Gujarat Industrial and Technical Consultancy Organization Ltd, Ahmedabad. for the period of October-2024 to March-2025.

Sr. No	Auditors Suggestions	Compliance Status
1	<p>The TSDF Facility has utilized freshwater to the tune of 68.64 kLD of water for industrial purpose, 23.52 kLD of water for domestic Purpose and 59.61 kLD of water for gardening purpose, during the said Audit Period.</p> <p>It may be noted that the Water Consumption for Domestic Purpose is slightly higher than the consented capacity of 20 kLD.</p>	<p>Complied.</p> <p>The slight increase in domestic water consumption is due to start of canteen within premises and kindly note that total freshwater consumption is within CCA quantity. Also note that we received CTE-142041 for the domestic water consumption 40 KLD.</p>
2	<p>The TSDF Site has generated Used Oil to the tune of 51 L/half year from and it has been stored onsite. The unit is suggested to timely dispose off the generated hazardous waste as per the means and methods prescribed in the consent order.</p>	<p>Noted.</p> <p>The generated quantity is 51 lit only which is insufficient for disposal and we regularly disposing as per CCA.</p>



Department Of Posts

Multiple Article Receipt

Office Name : Jolva SO User ID : 10302908
Date & Time : 10/09/2025, 13:57:14
Mode of Payment : Cash

Booking Ref. ID : 1666084110092577220

Sl. No.	Article Number	Product Type	Weight (in gms)	Sender Name	Receiver Name	Base Tariff (Incl. VAS)	Remarks	Created By	Created On	Bulk Reference
1	EG462465610IN	SP_INLAND	115	BEIL INFRA-STRUCTRE LTD	UNIT HEAD, HAZARDOUS WASTE CELL, 382010	35	Monthly Report - Aug 25	10302908	10/09/2025 13:55:26	Counter
2	EG462465637IN	SP_INLAND	115	BEIL INFRA-STRUCTRE LTD	SHREE DM THAKER, THE MEMBER SEC-RETARY, 382010	35	EAR Compliance	10302908	10/09/2025 13:56:26	Counter
3	EG462465645IN	SP_INLAND	110	BEIL INFRA-STRUCTRE LTD	UNIT HEAD, HAZARDOUS WASTE CELL, 382010	35	Landfill construction Progress Report.	10302908	10/09/2025 13:57:05	Counter

Sl.No.	Charge Details	Items Count	Amount
1	Base Tariff(incl. VAS)	3	105.00
2	CGST	3	9.00
3	SGST	3	9.00
4	Total Tariff	3	123.00
5	Net Amount	3	123.00

Signature of
the Official



BEIL INFRASTRUCTURE LIMITED

ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY

TEST REPORT

Annexure 07

Page 1 of 1

Sample Id	20250929/BS	Report No	Sample 25000000109	Report Date	01-OCT-2025
Name of Customer	BEIL Infrastructure Ltd.				
Address Of Customer	Plot No. D-43, GIDC, Dahej Industrial Estate, District: Bharuch, Gujarat-392130				
Sample Description	Stack Monitoring				
Sample Quantity (UOM)	1.0	Sampling Date	29-SEP-2025		
Sampling Location	Boiler Plant.	Sample Received Date	29-SEP-2025		
Sample Collected By	BEIL	Analysis Start/End Date	29-SEP-2025 /30-SEP-2025		
Sample Type	Stack Sample	Sampling Procedure	AS PER IS-11255		
Ambient Temperature	31.00 °C	Sampling Start Time	14:00:00		
Weather Condition	Overcast	Sampling End Date	29-SEP-2025		
Sampling Start Date	29-SEP-2025	Sampling End Time	14:30:00		
		Duration (Hrs)	00:30:00		

Sr.No.	Parameters	Unit	Results	Permissible Limit	Method Reference
1	Particulate Matter (PM)	mg/Nm3	55.66	150	IS 11255 (P-1) 1999
2	Sulphur Dioxide (SO ₂)	ppm	3.75	100	IS:11255 (P-2) 1985
3	Nitrogen Dioxide (NO ₂)	ppm	5.87	50	IS:11255 (P-7) 2005

Remarks :-

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

For, BEIL INFRASTRUCTURE LIMITED

REVIEWED BY
MR. KAMALKANT RAUT
(ASSISTANT MANAGER-QA)

AUTHORISED BY
MR. NARENDRA B PATEL
(QUALITY MANAGER)

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

☐ rakesh.patel@beil.co.in ☎ 8866701807



BEIL INFRASTRUCTURE LIMITED

ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY
TEST REPORT

Page 1 of 1

SampleId 20250922/D910		Report No Sample 25000000111		Report Date 22-SEP-2025	
Name of Customer :	BEIL Infrastructure Ltd.				
Address Of Customer :	Plot No. D-43, GIDC, Dahej Industrial Estate, District: Bharuch, Gujarat-392130				
Sample Description :	Stack Monitoring				
Sample Quantity (UOM) :	1.0	Sampling Date :	19-SEP-2025		
Sampling Location :	DG 910 KVA-1 (Nr.PCC Room)	Sample Received Date :	19-SEP-2025		
Sample Collected By :	BEIL	Analysis Start/End Date :	19-SEP-2025 / 20-SEP-2025		
Sample Type :	Stack Sample	Sampling Procedure :	AS PER IS-11255		
Ambient Temperature :	32.00 °C	Sampling Start Time :	16:10:00		
Weather Condition :	Overcast	Sampling End Date :	19-SEP-2025		
Sampling Start Date :	19-SEP-2025	Sampling End Time :	16:25:00		
		Duration (Hrs) :	00:15:00		

Sr.No.	Parameters	Unit	Results	Permissible Limit	Method Reference
1	Particulate Matter (PM)	mg/Nm ³	38.46	150	IS 11255 (P-1) 1999
2	Sulphur Dioxide (SO ₂)	ppm	6.14	100	IS:11255 (P-2) 1985
3	Nitrogen Dioxide (NO ₂)	ppm	12.70	50	IS:11255 (P-7) 2005

Remarks : -

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

For, BEIL INFRASTRUCTURE LIMITED

REVIEWED BY
MR. KAMALKANT RAUT
(ASSISTANT MANAGER-QA)

AUTHORISED BY
MR. NARENDRA B ATEL
(QUALITY MANAGER)

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

☐ rakesh.patel@beil.co.in ☎ 8866701807



BEIL INFRASTRUCTURE LIMITED

ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY
TEST REPORT

Page 1 of 1

SampleId20250919/D910-1 Report No Sample 25000000112 Report Date 22-SEP-2025

Name of Customer : BEIL Infrastructure Ltd.

Address Of Customer : Plot No. D-43, GIDC, Dahej Industrial Estate, District: Bharuch, Gujarat-392130

Sample Description : Stack Monitoring

Sample Quantity (UOM) : 1.0 Sampling Date : 19-SEP-2025

Sampling Location : DG 910 KVA-1 (INC Plant) Sample Received Date : 19-SEP-2025

Sample Collected By : BEIL Analysis Start/End Date : 19-SEP-2025 / 20-SEP-2025

Sample Type : Stack Sample Sampling Procedure : AS PER IS-11255

Ambient Temperature: 32.00 °C Sampling Start Time : 14:00:00

Weather Condition : Overcast Sampling End Date : 19-SEP-2025

Sampling Start Date : 19-SEP-2025 Sampling End Time : 14:15:00

Duration (Hrs) : 00:15:00

Sr.No.	Parameters	Unit	Results	Permissible Limit	Method Reference
1	Particulate Matter (PM)	mg/Nm3	40.77	150	IS 11255 (P-1) 1999
2	Sulphur Dioxide (SO ₂)	ppm	7.37	100	IS:11255 (P-2) 1985
3	Nitrogen Dioxide (NO ₂)	ppm	16.33	50	IS:11255 (P-7) 2005

Remarks :-

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

For, BEIL INFRASTRUCTURE LIMITED

REVIEWED BY
MR. KAMALKANT RAUT
(ASSISTANT MANAGER-QA)

AUTHORISED BY
MR. NARENDRA B PATEL
(QUALITY MANAGER)

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

☐ rakesh.patel@beil.co.in ☎ 8866701807



BEIL INFRASTRUCTURE LIMITED

ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY
TEST REPORT

Page 1 of 1

SampleId 20250919DG600

Report No Sample 25000000110

Report Date 22-SEP-2025

Name of Customer :	BEIL Infrastructure Ltd.		
Address Of Customer :	Plot No. D-43, GIDC, Dahej Industrial Estate, District: Bharuch, Gujarat-392130		
Sample Description :	Stack Monitoring		
Sample Quantity (UOM) :	1.0	Sampling Date :	19-SEP-2025
Sampling Location :	DG 600 KVA-2 (Nr. PCC Room)	Sample Received Date :	19-SEP-2025
Sample Collected By :	BEIL	Analysis Start/End Date :	19-SEP-2025 / 20-SEP-2025
Sample Type :	Stack Sample	Sampling Procedure :	AS PER IS-11255
Ambient Temperature :	32.00 °C	Sampling Start Time :	15:30:00
Weather Condition :	Overcast	Sampling End Date :	19-SEP-2025
Sampling Start Date :	19-SEP-2025	Sampling End Time :	15:45:00
		Duration (Hrs) :	00:15:00

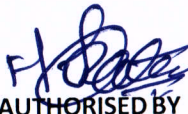
Sr.No.	Parameters	Unit	Results	Permissible Limit	Method Reference
1	Particulate Matter (PM)	mg/Nm ³	47.68	150	IS 11255 (P-1) 1999
2	Sulphur Dioxide (SO ₂)	ppm	6.14	100	IS:11255 (P-2) 1985
3	Nitrogen Dioxide (NO ₂)	ppm	13.24	50	IS:11255 (P-7) 2005

Remarks :-

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

For, BEIL INFRASTRUCTURE LIMITED


REVIEWED BY
MR. KAMALKANT RAUT
(ASSISTANT MANAGER-QA)


AUTHORISED BY
MR. NARENDRA B PATEL
(QUALITY MANAGER)

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

☐ rakesh.patel@beil.co.in ☎ 8866701807



BEIL INFRASTRUCTURE LIMITED

ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY

TEST REPORT

Page 1 of 1

SampleId 20250919/D910-2

Report No Sample 25000000113

Report Date 22-SEP-2025

Name of Customer : BEIL Infrastructure Ltd.

Address Of Customer : Plot No. D-43, GIDC, Dahej Industrial Estate, District: Bharuch, Gujarat-392130

Sample Description : Stack Monitoring

Sample Quantity (UOM) : 1.0
Sampling Date : 19-SEP-2025

Sampling Location : DG 910 KVA-2 (INC Plant)
Sample Received Date : 19-SEP-2025

Sample Collected By : BEIL
Analysis Start/End Date : 19-SEP-2025 / 20-SEP-2025

Sample Type : Stack Sample
Sampling Procedure : AS PER IS-11255

Ambient Temperature : 32.00 °C
Sampling Start Time : 15:40:00

Weather Condition : Overcast
Sampling End Date : 19-SEP-2025

Sampling Start Date : 19-SEP-2025
Sampling End Time : 14:55:00

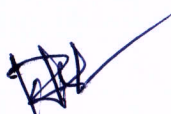
Duration (Hrs) : 00:15:00


Sr.No.	Parameters	Unit	Results	Permissible Limit	Method Reference
1	Particulate Matter (PM)	mg/Nm ³	39.38	150	IS 11255 (P-1) 1999
2	Sulphur Dioxide (SO ₂)	ppm	7.37	100	IS:11255 (P-2) 1985
3	Nitrogen Dioxide (NO ₂)	ppm	14.51	50	IS:11255 (P-7) 2005

Remarks :-

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

For, BEIL INFRASTRUCTURE LIMITED


REVIEWED BY
MR. KAMALKANT RAUT
(ASSISTANT MANAGER-QA)


AUTHORISED BY
MR. NARENDRA B PATEL
(QUALITY MANAGER)

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

✉ rakesh.patel@beil.co.in ☎ 8866701807

Annexure 08



LABORATORY TESTING REPORT

Report No.: VBPL/AA/202509/0035		Date: 30/09/2025	
URL No.: TC158532500000548F			
Name & Address of Customer	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Sampling Date	19/09/2025	Sampling Type	-
Sample Receipt Date	20/09/2025	Sample ID	AA/202509/0035
Sampling Location	Near Main Gate	Sample Description	Ambient Air
Sample Collected / Submitted by	VBPL Team	Protocol used for monitoring	IS 5182
Quantity / No. of Sample	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On	20/09/2025
Packing / Seal	Cap Seal	Analysis Completed On	22/09/2025
Type of Container	Plastic Container	Format No.	7.8 F-05
Meteorological condition during monitoring	Clear Sky	Actual duration of Monitoring, (Hours)	24 hrs
Environmental Condition during the test	25°C ± 3°C		

Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol used for Analysis
1.	Particulate Matter PM ₁₀	µg/m ³	62.5	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM _{2.5}	µg/m ³	26.8	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO ₂	µg/m ³	7.2	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO ₂	µg/m ³	21.4	80	IS 5182 (Part 6) 2006
5.	Chlorine as Cl ₂	µg/m ³	BDL<1.0	Not Specified	IS 5182 (Part 19) : 2022
6.	Ammonia as NH ₃	µg/m ³	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide H ₂ S	µg/m ³	BDL<5.0	Not Specified	IS 5182 (Part 07) : 2021
8.	Ozone	µg/m ³	7.6	180	IS 5182 (Part 09) : 1974
9.	Lead as Pb	µg/m ³	BDL<0.5	1.0	IS 5182 (Part 22) : 2004
10.	Nickel as Ni	ng/m ³	BDL<0.5	Not Specified	IS: 5182(Part 26) : 2020

Verified By

Ayushi K Chaturvedi, Quality Manager

Authorized Signatory

1 of 2

Formerly known as "VASUNDHARA ENTERPRISE"

Office :
Plot No.7313/1/A,
GIDC Ankleshwar - 393002.

Contact:
Mo: +91-93136 16978 / 93136 15730
E-mail : info@vasundharaenterprise.in
Website : www.vasundharaenterprise.in

05

LABORATORY TESTING REPORT

Report No.: VBPL/AA/202509/0035		Date: 30/09/2025	
URL No.:			
Name & Address of Customer	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Sampling Date	19/09/2025	Sampling Type	-
Sample Receipt Date	20/09/2025	Sample ID	AA/202509/0035
Sampling Location	Near Main Gate	Sample Description	Ambient Air
Sample Collected / Submitted by	VBPL Team	Protocol used for monitoring	IS 5182
Quantity / No. of Sample	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On	20/09/2025
Packing / Seal	Cap Seal	Analysis Completed On	22/09/2025
Type of Container	Plastic Container	Format No.	7.8 F-05
Meteorological condition during monitoring	Clear Sky	Actual duration of Monitoring, (Hours)	24 hrs
Environmental Condition during the test	25°C ± 3°C		

Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol used for Analysis
11.	Hydrochloric Acid as HCL	µg/m ³	BDL<5.0	Not Specified	USEPA 26A
12.	Hydrocarbon HC	µg/m ³	BDL<5.0	Not Specified	Gas Chromatography
13.	Carbon Monoxide CO	mg/m ³	0.38	4.0	IS 5182 (Part 10)
14.	Arsenic as As	ng/m ³	BDL<2.0	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13
15.	Benzo(a)pyrene (BaP)	ng/m ³	BDL<0.5	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13
16.	Benzene (C ₆ H ₆)	µg/m ³	BDL<2.0	Not Specified	IS 5182 (Part 11)

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

This Report is issued under the following terms & Condition:

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

Verified By

Authorized Signatory

2 of 2

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

06

LABORATORY TESTING REPORT

Report No.: VBPL/AA/202509/0036		Date: 30/09/2025	
URL No.: TC158532500000675F			
Name & Address of Customer	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Sampling Date	19/09/2025	Sampling Type	-
Sample Receipt Date	20/09/2025	Sample ID	AA/202509/0036
Sampling Location	Opp. Khetan industries	Sample Description	Ambient Air
Sample Collected / Submitted by	VBPL Team	Protocol used for monitoring	IS 5182
Quantity / No. of Sample	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On	20/09/2025
Packing / Seal	Cap Seal	Analysis Completed On	22/09/2025
Type of Container	Plastic Container	Format No.	7.8 F-05
Meteorological condition during monitoring	Clear Sky	Actual duration of Monitoring, (Hours)	24 hrs
Environmental Condition during the test	25°C ±3 °C		

Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol used for Analysis
1.	Particulate Matter PM ₁₀	µg/m ³	63.62	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM _{2.5}	µg/m ³	28.7	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO ₂	µg/m ³	7.6	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO ₂	µg/m ³	19.6	80	IS 5182 (Part 6) 2006
5.	Chlorine as Cl ₂	µg/m ³	BDL<1.0	Not Specified	IS 5182 (Part 19) : 2022
6.	Ammonia as NH ₃	µg/m ³	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide H ₂ S	µg/m ³	BDL<5.0	Not Specified	IS 5182 (Part 07) : 2021
8.	Ozon	µg/m ³	7.2	180	IS 5182 (Part 09) : 1974
9.	Lead as Pb	µg/m ³	BDL<0.5	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m ³	BDL<0.5	Not Specified	IS: 5182(Part 26): 2020

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

1 of 2

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

07

LABORATORY TESTING REPORT

Report No.: VBPL/AA/202509/0036		Date: 30/09/2025	
URL No.:			
Name & Address of Customer	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Sampling Date	19/09/2025	Sampling Type	-
Sample Receipt Date	20/09/2025	Sample ID	AA/202509/0036
Sampling Location	Opp. Khetan industries	Sample Description	Ambient Air
Sample Collected / Submitted by	VBPL Team	Protocol used for monitoring	IS 5182
Quantity / No. of Sample	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On	20/09/2025
Packing / Seal	Cap Seal	Analysis Completed On	22/09/2025
Type of Container	Plastic Container	Format No.	7.8 F-05
Meteorological condition during monitoring	Clear Sky	Actual duration of Monitoring, (Hours)	24 hrs
Environmental Condition during the test	25°C ±3 °C		

Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol used for Analysis
11.	Hydrochloric Acid as HCL	µg/m ³	BDL<5.0	Not Specified	USEPA 26A
12.	Hydrocarbon HC	µg/m ³	BDL<5.0	Not Specified	Gas Chromatography
13.	Carbon Monoxide CO	mg/m ³	0.35	4.0	IS 5182 (Part 10)
14.	Arsenic as As	ng/m ³	BDL<2.0	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13
15.	Benzo(a)pyrene (BaP)	ng/m ³	BDL<0.5	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13
16.	Benzene (C ₆ H ₆)	µg/m ³	BDL<2.0	Not Specified	IS 5182 (Part 11)

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

This Report is issued under the following terms & Condition:

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

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Formerly known as "VASUNDHARA ENTERPRISE"

2 of 2

Office :
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08

LABORATORY TESTING REPORT

Report No.: VBPL/AA/202509/0037		Date: 30/09/2025	
URL No.: TC158532500000676F			
Name & Address of Customer	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Kamalkant Raut		
Sampling Date	19/09/2025	Sampling Type	-
Sample Receipt Date	20/09/2025	Sample ID	AA/202509/0037
Sampling Location	Near EB 4 Borewell	Sample Description	Ambient Air
Sample Collected / Submitted by	VBPL Team	Protocol used for monitoring	IS 5182
Quantity / No. of Sample	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On	20/09/2025
Packing / Seal	Cap Seal	Analysis Completed On	22/09/2025
Type of Container	Plastic Container	Format No.	7.8 F-05
Meteorological condition during monitoring	Clear Sky	Actual duration of Monitoring, (Hours)	24 hrs
Environmental Condition during the test		25°C ±3 °C	

Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol used for Analysis
1.	Particulate Matter PM ₁₀	µg/m ³	58.4	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM _{2.5}	µg/m ³	27.2	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO ₂	µg/m ³	6.8	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO ₂	µg/m ³	20.3	80	IS 5182 (Part 6) 2006
5.	Chlorine as Cl ₂	µg/m ³	BDL<1.0	Not Specified	IS 5182 (Part 19) : 2022
6.	Ammonia as NH ₃	µg/m ³	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide H ₂ S	µg/m ³	BDL<5.0	Not Specified	IS 5182 (Part 07) : 2021
8.	Ozone	µg/m ³	6.5	180	IS 5182 (Part 09) : 1974
9.	Lead as Pb	µg/m ³	BDL<0.5	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m ³	BDL<0.5	Not Specified	IS: 5182(Part: 26): 2020

Ayushi K Chaturvedi (Quality Manager)



Verified By



Authorized Signatory

Annexure-09

O/C



BEIL/DHJ/2025-26/18

BEIL INFRASTRUCTURE LIMITED

(formerly known as Bharuch Enviro Infrastructure Limited)

Unit - Dahej

Date: 20.06.2025

PCB ID: 40137

To,
Regional Officer,
Gujarat Pollution Control Board,
Bharuch

Kind Attn: K.N. Vaghmshi

Sub.: Compliance for Monsoon planning for Monitoring & Control of Pollution.

Ref.: Monsoon planning for Monitoring & Control of Pollution mail dated 19th June 2025 from GPCB Bharuch.

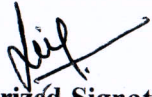
We are herewith submitting the compliance status of Monsoon planning for Monitoring & Control of Pollution as **Annexure – A**.

Kindly note, we have not received a letter from your side, but as instruction by mail dated on 19.06.2025 to trivedidm@beil.co.in, we are submitting the compliance of mail received from the GPCB Bharuch.

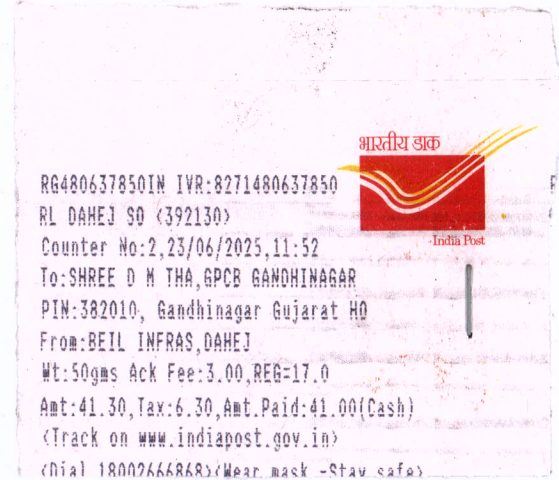
We hope the compliance adequately meets your guideline for monsoon management.

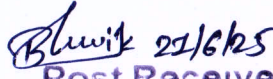
Thanking You,
Yours faithfully,

For, **BEIL Infrastructure Limited**


Authorized Signatory

C.C: Member Secretary,
Gujarat Pollution Control Board,
Gandhinagar.




Post Received
Gujarat Pollution Control Board
BHARUCH

CIN NO. U45300GJ1997PLC032696

Works Office : Plot No. D-43, Dahej Amod Road, GIDC Estate, Dahej, T. Vagra - 392 130, Dist. Bharuch (Gujarat)
Phone : (02641) 291129, E-mail : mistryrg@beil.co.in
Regd. Office : Plot No. 9701-16, GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)
Phones (02646) 253135, 225228 Fax : (02642) 222849 E-mail : dalwadibd@beil.co.in

Annexure - A

Sr. No	Points	Compliance Status
1	The runoff/storm water at various signification point, which leads to vital stretches of River, Nalas, Natural Drain etc. should be constantly monitored for its water quality assurance.	Noted.
2	Final outlet of industry is also required to be monitored during rainy days to ensure that there is no irregular discharge by any means.	Noted and will be Complied. We will monitor our final outlet of the stormwater drain and we have installed a CCTV camera and online pH meter. We have also provided a pumping system at our storm water drain outlet so that in case any contaminated runoff occurs during monsoon* season, it can be easily pumped to ETP and thereby preventing any irregular discharge.
3	The Hazardous waste and other solid waste accumulated in storage site should be provided with complete waterproof cover/ roof in order to avoid mixing up of rainwater/ industrial effluent with the solid waste so as to prevent the excess leachate generation. In addition to this, you are also requested to dispose off all the accumulated hazardous waste/ sludge to TSDF site or incinerate it as the case may be so that stock hazardous waste and other waste for a period of not exceeding 90 days or direction/ advisory issued by GPCB	Complied. The entire landfill site is covered with tarpaulins to prevent any mixing of rainwater with hazardous waste. The Incineration/pre-process waste is stored in storage sheds with proper roofing to prevent storm water entry. The photos of landfill covering is attached as Annexure-1.
4	You are also required to implement relevant guidelines for management plan for used/ discarded packaging materials etc.	Noted and will be Complied.
5	Effluent treatment plant units & chemical storage tanks/ Hazardous waste storage sites etc. should be monitored to prevent overflow / leakage to the surrounding environment.	Noted and will be Complied. We will monitor for the prevention of any overflow or leakage to the surrounding environment.

6	You are required to monitor air quality & operate air pollution control equipment's I measures efficiently in such a manner that any flue gas/ process emission from your industrial plants/ facility should comply the GPCB Norms. Further, you are required to ensure that accidental leakages, fugitive emissions etc. are prevented through preventive maintenance.	<p>Noted and complied.</p> <p>We are regularly monitoring stack emission and also ambient air through internally and External agency to ensure compliance with standards.</p>
7	You are required to control/avoid odorous substances that are emitted from industrial sources include both inorganic and organic gases and particulate.	<p>Noted & will be complied.</p>
8	You are required to avoid flooding in ETP unit's and area viz. Collection Tank, Equalization Tank, clarifiers, Aeration Tanks, treated wastewater Holding Tanks and open wastewater conveyance drainage.	<p>Noted & will be complied.</p> <p>We will monitor for the prevention of any overflow or leakage to the surrounding environment.</p>
9	You are also required to ensure good housekeeping practices to avoid any chemical contamination of rainwater and to avoid any uncertainties.	<p>Noted and will be Complied.</p> <p>Housekeeping done on Daily basis.</p>

Annexure 10



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

Ref.: BEIL/DHJ/OEP/2025-26

March 04, 2025

To,

Dy. Director of Industrial Safety and Health,
2nd Floor, Multi-storied Building,
Bharuch.

Subject: Submission of On-Site Emergency Plan for the year 2025-26.

Respected Sir,

Herewith, we are submitting the "On-Site Emergency Plan" updated in March-2025 for the year of 2025-26.

This is for your kind information & record please.

Thanking you,

For, BEIL Infrastructure Limited, Dahej.

Mr. Dinkar Trivedi

(GM Works)



Handwritten notes in blue ink:
Dy. Dir.
જુનિયર ડાયરેક્ટર 02/03/25
ઔદ્યોગિક સલામતી અને સ્વાસ્થ્ય
ભરૂચ

CIN NO U45300GJ1997PLC032696

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

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

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

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



BEIL Infrastructure Limited

ONSITE EMERGENCY PLAN

Update On March, 2025

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.	SEPARATION DISTANCES	276
33.	EMERGENCY INSTRUCTION BOOKLET	277

Annexure-11

TRAINING CALENDAR FOR THE YEAR 2025-26													
SR.NO	SUBJECTS	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR
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 & Time	27/03/2025 fr 15:00 to 16:30
Topic	MSDS, Chemical Hazards, NFPA Diamond
Faculty:	Jigar Upadhyay
Venue:	Incinerator Conference Room
Duration	01 hour 30 minute
Total trainee:	24
Man Hours	21

Sr. No	Name of Participants	Department	Signature
1.	Meet Pithediya	MEE	[Signature]
2.	PATEL VISHNU P.	MEE	[Signature]
3.	Nikunj Rana	Incinerator	[Signature]
4.	Rahul Rajan	Inci.	[Signature]
5.	Swati patel	Lab	[Signature]
6.	Kinjal Anis	Lab	[Signature]
7.	Hiteshu Patel	HR& Admin	[Signature]
8.	Lucky Daryli	Civil	[Signature]
9.	Patel Mitesh	Civil	[Signature]
10.	Nilay Prajapati	lundari civil	N. P. PRAJAPATI
11.	Sundeep Kumar	Maint.	[Signature]
12.	Rajesh Rana	Civil	[Signature]
13.	Dnyaneshwar Patil	Env.	[Signature]
14.	Divyrajish Sindhya	IT	[Signature]

Trainer name & signature with date

Jigar Upadhyay 27/03/2025

Remarks

evaluation taken verbally.

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

Date:	16 th October 2024.
Time:	14:00 to 16:00
Faculty:	Jigeev Upadhyay
Venue:	Incinerator Conference Room.
Topic:	MSDS, GENERAL SAFETY,

Sr. No	Name of Participants	Department	Signature
1	Jaydeepsinh D. chavada	store	
2.	Rana Rajesh. T.	Civil	
3.	Dnyaneshwar G. Patil	Environment	
4.	Divyrajsinh V. Sindha	IT	
5.	PATEL VISHNU P.	MEE	
6.	Patel Deep	ETP	
7	Kinjal Ahir	LAB	
8	Nitain Vasari	Sampling dept	
9	Dhwani Shah	PGA	
10.	Rajendrasinh. Desai	QA Lab	
11.	Dhruv J Patel	Maintenance	
12	HITEESHA D. PATEL	HR & ADMIN	
13.	SOHANG A. PATEL	MAINTENANCE	
14.	SHAILESH B. PATEL	INC	
15.	JIGNESH J PARMAR	ELECTRICAL	
16	MAYUR PAWAR	INSTRUMENT	

Annexure 12 LABORATORY TESTING REPORT

Report No.: VE/AN/202504/0001		Date: 05/05/2025	
URL No.: TC158532500000021F			
Name & Address of Customer :	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person :	Mr. Kamalkant Raut		
Sample Collection Date :	27/04/2025	Sampling Type :	Instrument Method
Sample Receipt Date :	27/04/2025	Sample ID :	AN/202504/0001
Sampling Location :	Noise	Sample Description :	Noise Monitoring
Sample Collected / Submitted by :	VBPL Team	Protocol used for monitoring :	IS 9989-1991
Instrument calibration status :	Calibrated	Format No. :	7.8 F-07
Meteorological condition during monitoring :	Clear Sky	Actual duration of Monitoring, (Minutes) :	30

Ambient Noise Analysis Results

Sr. No.	Location	Unit	Day Time	Night Time	Protocol used for Analysis
Permissible Limit		dB(A)	75	70	-
1.	Near Main Gate	dB(A)	66	60	IS 9989-1991
2.	Behind Admin Building	dB(A)	64	59	IS 9989-1991
3.	Near EB-1 Borewell	dB(A)	62	55	IS 9989-1991
4.	Behind Landfill Cell No-06	dB(A)	61	56	IS 9989-1991
5.	Near Drumshed Area	dB(A)	70	64	IS 9989-1991
6.	Opp. Khetan Industries	dB(A)	60	49	IS 9989-1991
7.	Near Stabilization Plant	dB(A)	64	58	IS 9989-1991
8.	Near DG Set	dB(A)	72	66	IS 9989-1991
9.	Near Monsoon Shed (New)	dB(A)	58	51	IS 9989-1991

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

This Report is issued under the following terms & Condition:

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


Verified By

Ayushi K Chaturvedi (Quality Manager)


Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"



LABORATORY TESTING REPORT

Report No.: VE/AN/202505/0003	Date: 05/06/2025		
URL No.: TC1585325000000108F			
Name & Address of Customer :	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person :	Mr. Kamalkant Raut		
Sample Collection Date :	28/05/2025	Sampling Type :	Instrument Method
Sample Receipt Date :	28/05/2025	Sample ID :	AN/202505/0003
Sampling Location :	Noise	Sample Description :	Noise Monitoring
Sample Collected / Submitted by :	VBPL Team	Protocol used for monitoring :	IS 9989-1991
Instrument calibration status :	Calibrated	Format No. :	7.8 F-07
Meteorological condition during monitoring :	Clear Sky	Actual duration of Monitoring, (Minutes) :	30

Ambient Noise Analysis Results

Sr. No.	Location	Unit	Day Time	Night Time	Protocol used for Analysis
Permissible Limit		dB(A)	75	70	-
1.	Near Main Gate	dB(A)	65	59	IS 9989-1991
2.	Behind Admin Building	dB(A)	62	57	IS 9989-1991
3.	Near EB-1 Borewell	dB(A)	63	56	IS 9989-1991
4.	Behind Landfill Cell No-06	dB(A)	60	54	IS 9989-1991
5.	Near Drumshed Area	dB(A)	71	67	IS 9989-1991
6.	Opp. Khetan Industries	dB(A)	58	55	IS 9989-1991
7.	Near Stabilization Plant	dB(A)	63	58	IS 9989-1991
8.	Near DG Set	dB(A)	73	67	IS 9989-1991
9.	Near Monsoon Shed (New)	dB(A)	56	50	IS 9989-1991

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

This Report is issued under the following terms & Condition:

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

Verified By

Ayushi K Chaturvedi (Quality Manager)



Formerly known as "VASUNDHARA ENTERPRISE"



LABORATORY TESTING REPORT

Report No.: VBPL/AN/202506/0011		Date: 16/06/2025	
URL No.: TC158532500000240F			
Name & Address of Customer :	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person :	Mr. Kamalkant Raut		
Sample Collection Date :	09/06/2025	Sampling Type :	Instrument Method
Sample Receipt Date :	09/06/2025	Sample ID :	AN/202506/0011
Sampling Location :	Noise	Sample Description :	Noise Monitoring
Sample Collected / Submitted by :	VBPL Team	Protocol used for monitoring :	IS 9989-1991
Instrument calibration status :	Calibrated	Format No. :	7.8 F-07
Meteorological condition during monitoring :	Clear Sky	Actual duration of Monitoring, (Minutes) :	30

Ambient Noise Analysis Results

Sr. No.	Location	Unit	Day Time	Night Time	Protocol used for Analysis
Permissible Limit		dB(A)	75	70	-
1.	Near Main Gate	dB(A)	63	58	IS 9989-1991
2.	Behind Admin Building	dB(A)	60	55	IS 9989-1991
3.	Near EB-1 Borewell	dB(A)	62	54	IS 9989-1991
4.	Behind Landfill Cell No-06	dB(A)	62	52	IS 9989-1991
5.	Near Drumshed Area	dB(A)	72	69	IS 9989-1991
6.	Opp. Khetan Industries	dB(A)	59	54	IS 9989-1991
7.	Near Stabilization Plant	dB(A)	61	57	IS 9989-1991
8.	Near DG Set	dB(A)	72	68	IS 9989-1991
9.	Near Monsoon Shed (New)	dB(A)	58	52	IS 9989-1991

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

This Report is issued under the following terms & Condition:

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


 Verified By

Ayushi K Chaturvedi (Quality Manager)


 Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"



TC-15853

LABORATORY TESTING REPORT

Report No.: VBPL/AN/202507/0001		Date: 11/07/2025	
URL No.: TC158532500000307F			
Name & Address of Customer :	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person :	Mr. Kamalkant Raut		
Sample Collection Date :	02/07/2025	Sampling Type :	Instrument Method
Sample Receipt Date :	02/07/2025	Sample ID :	AN/202507/0001
Sampling Location :	Noise	Sample Description :	Noise Monitoring
Sample Collected / Submitted by :	VBPL Team	Protocol used for monitoring :	IS 9989-1991
Instrument calibration status :	Calibrated	Format No. :	7.8 F-07
Meteorological condition during monitoring :	Clear Sky	Actual duration of Monitoring, (Minutes) :	30

Ambient Noise Analysis Results

Sr. No.	Location	Unit	Day Time	Night Time	Protocol used for Analysis
Permissible Limit		dB(A)	75	70	-
1.	Near Main Gate	dB(A)	60	56	IS 9989-1991
2.	Behind Admin Building	dB(A)	61	55	IS 9989-1991
3.	Near EB-1 Borewell	dB(A)	62	58	IS 9989-1991
4.	Behind Landfill Cell No-06	dB(A)	57	54	IS 9989-1991
5.	Near Drumshed Area	dB(A)	70	68	IS 9989-1991
6.	Opp. Khetan Industries	dB(A)	62	56	IS 9989-1991
7.	Near Stabilization Plant	dB(A)	65	55	IS 9989-1991
8.	Near DG Set	dB(A)	72	67	IS 9989-1991
9.	Near Monsoon Shed (New)	dB(A)	60	53	IS 9989-1991

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

This Report is issued under the following terms & Condition:

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

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"



LABORATORY TESTING REPORT

Report No.: VBPL/AN/202508/0003		Date: 26/08/2025	
URL No.: TC158532500000542F			
Name & Address of Customer :	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person :	Mr. Kamalkant Raut		
Sample Collection Date :	19/08/2025	Sampling Type :	Instrument Method
Sample Receipt Date :	19/08/2025	Sample ID :	AN/202508/0003
Sampling Location :	Noise	Sample Description :	Noise Monitoring
Sample Collected / Submitted by :	VBPL Team	Protocol used for monitoring :	IS 9989-1991
Instrument calibration status :	Calibrated	Format No. :	7.8 F-07
Meteorological condition during monitoring :	Clear Sky	Actual duration of Monitoring, (Minutes) :	30

Ambient Noise Analysis Results

Sr. No.	Location	Unit	Day Time	Night Time	Protocol used for Analysis
Permissible Limit		dB(A)	75	70	-
1.	Near Main Gate	dB(A)	60.6	55	IS 9989-1991
2.	Behind Admin Building	dB(A)	58.2	57	IS 9989-1991
3.	Near EB-1 Borewell	dB(A)	59.6	58.2	IS 9989-1991
4.	Behind Landfill Cell No-06	dB(A)	57.4	48.2	IS 9989-1991
5.	Near Drumshed Area	dB(A)	71	66	IS 9989-1991
6.	Opp. Khetan Industries	dB(A)	58.6	55.4	IS 9989-1991
7.	Near Stabilization Plant	dB(A)	59.2	55.8	IS 9989-1991
8.	Near DG Set	dB(A)	70	64	IS 9989-1991
9.	Near Monsoon Shed (New)	dB(A)	61	55	IS 9989-1991

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

This Report is issued under the following terms & Condition:

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

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"



LABORATORY TESTING REPORT

Report No.: VBPL/AN/202509/0004		Date: 30/09/2025	
URL No.: TC158532500000671F			
Name & Address of Customer	: M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujrat,		
Contact Person	: Mr. Kamalkant Raut		
Sample Collection Date	: 19/09/2025	Sampling Type	: Instrument Method
Sample Receipt Date	: 19/09/2025	Sample ID	: AN/202509/0004
Sampling Location	: Noise	Sample Description	: Noise Monitoring
Sample Collected / Submitted by	: VBPL Team	Protocol used for monitoring	: IS 9989-1991
Instrument calibration status	: Calibrated	Format No.	: 7.8 F-07
Meteorological condition during monitoring	: Clear Sky	Actual duration of Monitoring, (Minutes)	: 30

Ambient Noise Analysis Results

Sr. No.	Location	Unit	Day Time	Night Time	Protocol used for Analysis
Permissible Limit		dB(A)	75	70	-
1.	Near Main Gate	dB(A)	62	56	IS 9989-1991
2.	Behind Admin Building	dB(A)	56	52	IS 9989-1991
3.	Near EB-1 Borewell	dB(A)	60	56	IS 9989-1991
4.	Behind Landfill Cell No-06	dB(A)	58	52	IS 9989-1991
5.	Near Drumshed Area	dB(A)	72	68	IS 9989-1991
6.	Opp. Khetan Industries	dB(A)	59	48	IS 9989-1991
7.	Near Stabilization Plant	dB(A)	61	56	IS 9989-1991
8.	Near DG Set	dB(A)	72	66	IS 9989-1991
9.	Near Monsoon Shed (New)	dB(A)	59	52	IS 9989-1991

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

This Report is issued under the following terms & Condition:

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

[Signature]

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory



Formerly known as "VASUNDHARA ENTERPRISE"



NOTE: PREVIOUSLY PLAN APPROVED BY DIR/IS & H/F-PLAN WIDE LETTER NO-1606 DATE : 01-07-2021 (AS PLEASE CANCELED PREVIOUSLY APPROVED PLAN)

KEY PLAN
SCALE:-1:CM=40MT.

SITE PLAN
SCALE:-1:10MT.

SR.NO.	PLANTS/LOCATIONS	AREA IN M2
1	LANDFILL	1,27,964 M2
2	ALL PLANT AREA	76,000 M2
3	LABORATORY	213 M2
4	ADMIN BLOCK	222 M2
5	ROAD/PAVED AREA	18,120 M2
6	OPEN LAND	30,128 M2
7	GREEN BELT	52,500 M2
8	TOTAL AREA	3,05,146.881 M2

BLDG.NAME

1. SECURITY CABIN(EXT.)
2. ADMIN BUILDING(EXT.)
3. MCC ROOM & LUNCH ROOM(EXT.)
4. WEIGH BRIDGE+ CABIN
5. FRESH WATER TANK(EXT.)
6. STABILIZATION SHED(EXT.)
7. DUMPER TYER WASHING
8. LEACHATE COLLECTION TANK+ MCC ROOM(EXT.)
9. EFFLUENT TANK
10. TANKER DE-CONTAMINATION SHED(EXT.)
11. DRUM DE-CONTAMINATION SHED, DRUM STACKING PLATFORM, ETP TANK(EXT.)
12. FIRE WATER TANK(EXT.)
13. ELE. ROOM + D.G.SHED(EXT.)
14. CONDENSATE WATER TANK(EXT.)
15. AQUEOUS WASTE STORAGE TANK(EXT.)
16. CENTRIFUGE SHED
17. MEE PLANT & MCC ROOM(EXT.)
18. COOLING TOWER
19. BOILER SHED & F.O. TANK(EXT.)
20. CANTEEN BLDG.
21. ELE. ROOM
22. HT BREAKER ROOM&ELE.YARD(EXT.)
23. SPRAY DRYING PLANT(EXT.)
24. GAS STATION
25. TOILET BLOCK
26. D.M.PLANT
27. STRIPPER PLANT
28. MONSOON SHED
29. TOILET BLOCK(EXT.)
30. MEE CONDENSATE&R.O.PLANT(EXT.)
31. AERATION TANK(EXT.)
32. CLARIFIER TANK 1 & 2(EXT.)
33. ENGINEERING STORE
34. CONTROL ROOM (EXT.)
35. LIME STORAGE GODOWN & PREPARATION AREA (EXT.)
36. 1100KL FIRE WATER TANK (EXT.)
37. SOLID WASTE STORAGE SHED
38. SEMI SOLID WASTE STORAGE SHED
39. HCV WASTE STORAGE SHED
40. CO.PROCESSING SHED
41. CHIMNEY (EXT.)
42. ROTARY KILN,SECONDARY COMBUSTION CHAMBER& WASTE HEAT RECOVERY BOILER UNIT (EXT.)
43. SMP BLDG. COMPRESSOR BLDG.(EXT.)
44. SPARY DRYER(EXT.)
45. BAG FILTER HOUSE+ SCRUBBER(EXT.)
46. LIQUID CO-PROCESSING SHED& STORAGE TANK FARM(EXT.)
47. WORK SHOP BLDG.
48. WORKERS WASH ROOM
49. OHC BLDG.
50. D.G. AREA

COLOUR CODE

1. PLOT BOUNDARY IS SHOWN
2. APPROVED AREA IS SHOWN
3. EXTENSION AREA IS SHOWN
4. TOILET BLOCK
5. CLOAK ROOM
6. CANTEEN
7. FIRE EXTINGUISHER
8. FIRE HYDRANT LINE IS SHOWN

REVISED WITH EXTENSION FACTORY BLDG. WITH M/C LAY OUT

BEIL INFRASTRUCTURE LTD.

PLOT NO : 43
G.I.D.C., DAHEJ
TAL:- VAGRA
DIST : BHARUCH.

SIGN OF OWNER

TITLE : SITE PLAN & KEY PLAN

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 - ૨૦૧૬

પ્રતિ શ્રી,

મેનેજર સ્ત્રી

ભરૂચ એન્જીનિયરિંગ કોલેજ લિમિટેડ.

પ્લોટ નંબર ડી. ૪૩

દહેજ

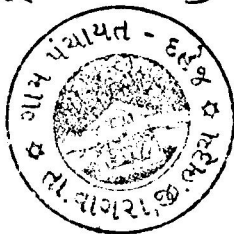
વિષય - મોજે દહેજ ઈન્ડસ્ટ્રીયલ એન્ડેટ સ્થીત નંબર
ના વિસ્તારે માં લૂકાચોપણાનું આયોજન આપવા
બાબત.

રેફરન્સ - આપના તા. ૩/૧૧/૧૬ નો પત્ર.
અમારી ગામ પંચાયત સામુહિક રીતે વલેના પાંચ(૫)
વર્ષમાં આપની કેપની પહીં અને ગામ પંચાયત પહીં નીચે
સુધાનું આયોજન કરેલ છે.

- (૧) બાલીયાદેવ મંદિર તથા ભાર્યી મુસ્લિમ મંદિર વર્ષ ૨૦૧૬-૧૭
- (૨) ભુવનાય ટેમ્પલ વર્ષ ૨૦૧૯-૨૦૨૦
- (૩) હોડા પુર્ણમુલ વર્ષ ૨૦૨૦-૨૦૨૧
- (૪) દહેજ ચોક્કી થી ગામ મુઠી વર્ષ ૨૦૨૧-૨૦૨૨
- (૫) રામય મંદિર વર્ષ ૨૦૨૨-૨૩

લૂકાચોપણ માટે જરૂરી છોડ તથા છોડના અર્થ માટે રૂી
પ્રોવિડેટ કેપની દવાલા પુરા પાડવાના રહેશે.

આભાર મુ.



જવહરપતિ આર અહા

સરપંચ
ગામ પંચાયત - દહેજ
તા. વાગરા, જી. ભરૂચ



Ref. BEIL/DAHEJ/2015

30th July, 2014

PCB-ID: 40137

To,
 Ministry of Environment, Forest and Climate Change,
 Regional Office, Western Region,
 Kendriya Paryavaran Bhavan,
 Link road.3
 E-5, Ravishankar Nagar
 Bhopal-462016

Kind Attn: Dr. A. Mehtrotra, Director (s)**Subject: Compliance with point no. 64 and 70 of Environmental 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

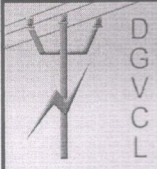
C.C: (1) State Level Environment Impact Assessment Authority
 Gujarat Pollution Control Board,
 "Paryavaran Bhavan" Sector 10-A,
 Gandhinagar - 382010.

(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

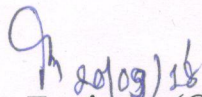
To,

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.

CP-117

ક્રમાંક :

જવલ નં.

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 મુર્ખંચોરણવજી

ता. 03 - 06 - 2016

प्रति श्री,

रिपोर्ट

ग्राम पंचायत नांदूरभा
ता- वागरा, ज- लडख

विषय:- वृद्ध संरक्षण कमी करण्याबाबत.
 सविनय सहा उपरोक्त विषयाने स्मरणार्थाने
 लष्ठी नगरपालिकेचे व नांदूरभा गाव नांदूरभा ता- वागरा
 गावे वृद्धां बाबत आहे. लेखक माझे वकील हस्त्यात स्थान
 वृद्धांचे वागणूक सुधारणे साय आहे. त्या स्मरणी ग्राम पंचायतने व
 वृद्ध संरक्षण कमी नसली. स्मरण स्मरण सादर श्री ने
 स्मरणी नम्रुळी स्मरण आहे.

Kodum.S
 सहायि उम मंत्री
 ग्राम पंचायत - नांदूरभा
 ता. वागरा, ज. लडख

के.ए. गोडम
 सरपंच
 ग्राम पंचायत-नांदूरभा
 ता. वागरा, ज. लडख



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 <i>Dhames</i>	Authorised by <i>Rajesh Mishra</i>	Security Dept.	1 Please return duplicate copy while receiving materials. Received the items stated above in good condition and as per quantity <i>03/08/2019</i>
Dept. <i>CSR</i>	Permitted by	Out <i>10/10/19</i>	
	Checked by <i>Anand</i>	In	
			Receiver's Signature with Stamp

For Tree
Plantation
at Village
Nandarkha
To: Vagra
Request by
Padmanand Singh
C BJP
Yuvraj Mohan
Resident



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 વાસ્તુ આપવા માટે ના પિજર - આપણે છે જે બદલ આમાર પંચાયત આમાર વાસ્તુ કરી છે વધુમાં ફરીયા 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				

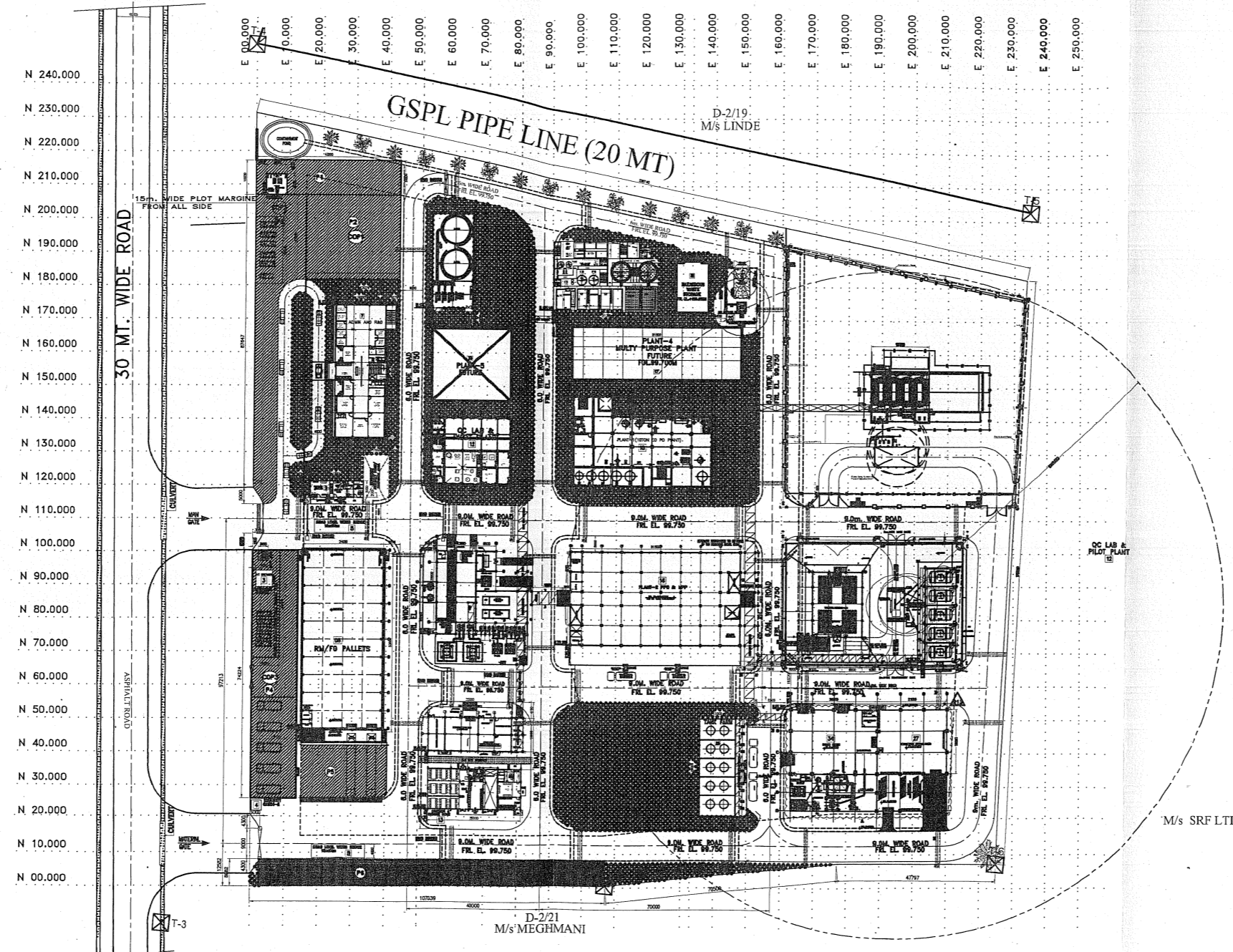
(B) SOLID WASTE NOT FOR LANDFILL.

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



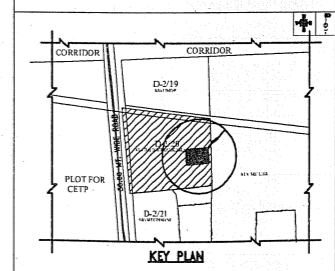
AREA STATEMENT

SR. NO.	DESCRIPTION	AREA (SQ. METERS)
A	Plot Area	48830.32
B	Common Plot Area (100% of Plot Area Enclosed 20000 Sq.M. (Should be Minimum Provided))	3100.0 (PROVIDED)
C	Parking (Should be 4000 Sq.M./1000 of Plot Area)	4883.2 (PROVIDED)
D	Tree Plantation (Should be 1000 per 1000 Sq.M.)	700 NOS.
E	Permissible Built Up Area (SQ. METERS)	20433.64
F	Proposed Built Up Area (SCHEDULED COVERAGE)	14856
G	Additional Permissible Built Up Area (SCHEDULED COVERAGE)	1884.00

SR. NO.	DESCRIPTION	SEE	SQ. FT.	REMARK
1	SECURITY GATE	1.00	100	
2	SECURITY AND VISITOR WAITING ROOM	1.00	100	
3	OFF BREAK ROOM	1.00	100	
4	SECURITY CONTROL	1.00	100	
5	WASH ROOM	1.00	100	
6	DRINKING WATER TANKS & TO WAREHOUSE	1.00	100	
7	ADMIN AND BLDG	1.00	100	
8	PLC WASH ROOM AND PLANT HOUSE	1.00	100	
9	PLC & UTILITY WASH ROOM	1.00	100	
10	PLC & UTILITY WASH ROOM	1.00	100	
11	PLC & UTILITY WASH ROOM	1.00	100	
12	PLC & UTILITY WASH ROOM	1.00	100	
13	QC LAB & PLANT PLANT	1.00	100	
14	OFFICE & WAREHOUSE CHANGE ROOM	1.00	100	
15	OFFICE & WAREHOUSE CHANGE ROOM	1.00	100	
16	OFFICE & WAREHOUSE CHANGE ROOM	1.00	100	
17	OFFICE & WAREHOUSE CHANGE ROOM	1.00	100	
18	OFFICE & WAREHOUSE CHANGE ROOM	1.00	100	
19	OFFICE & WAREHOUSE CHANGE ROOM	1.00	100	
20	OFFICE & WAREHOUSE CHANGE ROOM	1.00	100	
21	OFFICE & WAREHOUSE CHANGE ROOM	1.00	100	
22	OFFICE & WAREHOUSE CHANGE ROOM	1.00	100	
23	OFFICE & WAREHOUSE CHANGE ROOM	1.00	100	
24	OFFICE & WAREHOUSE CHANGE ROOM	1.00	100	
25	OFFICE & WAREHOUSE CHANGE ROOM	1.00	100	
26	OFFICE & WAREHOUSE CHANGE ROOM	1.00	100	
27	OFFICE & WAREHOUSE CHANGE ROOM	1.00	100	
28	OFFICE & WAREHOUSE CHANGE ROOM	1.00	100	
29	OFFICE & WAREHOUSE CHANGE ROOM	1.00	100	
30	OFFICE & WAREHOUSE CHANGE ROOM	1.00	100	
31	OFFICE & WAREHOUSE CHANGE ROOM	1.00	100	
32	OFFICE & WAREHOUSE CHANGE ROOM	1.00	100	
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100	OFFICE & WAREHOUSE CHANGE ROOM	1.00	100	

COMMON PLOT AREA	PARKING AREA CALCULATION
1. COP 80.00 x 20.00 = 1600.00 Sq.M.	1. (M) 45.00 x 10.00 = 450.00 Sq.M.
2. COP 80.00 x 15.00 = 1200.00 Sq.M.	2. (M) 35.00 x 8.00 = 280.00 Sq.M.
3. COP 77.00 x 10.00 = 770.00 Sq.M.	3. (M) 30.00 x 10.00 = 300.00 Sq.M.
TOTAL 2570.00	4. (M) 77.00 x 10.00 = 770.00 Sq.M.
	5. (M) 35.00 x 17.00 = 595.00 Sq.M.
	6. (M) 100.00 x 8.00 = 800.00 Sq.M.
	TOTAL 2335.00

LEGEND:-
 EHP----- 200# ELECTRICAL HOME PIPE
 GREEN BELT
 PLOT BOUNDARY
 POPOSED BLDG.
 PARKING SPACE
 UNDER GROUND FIRE WORKIT LINE



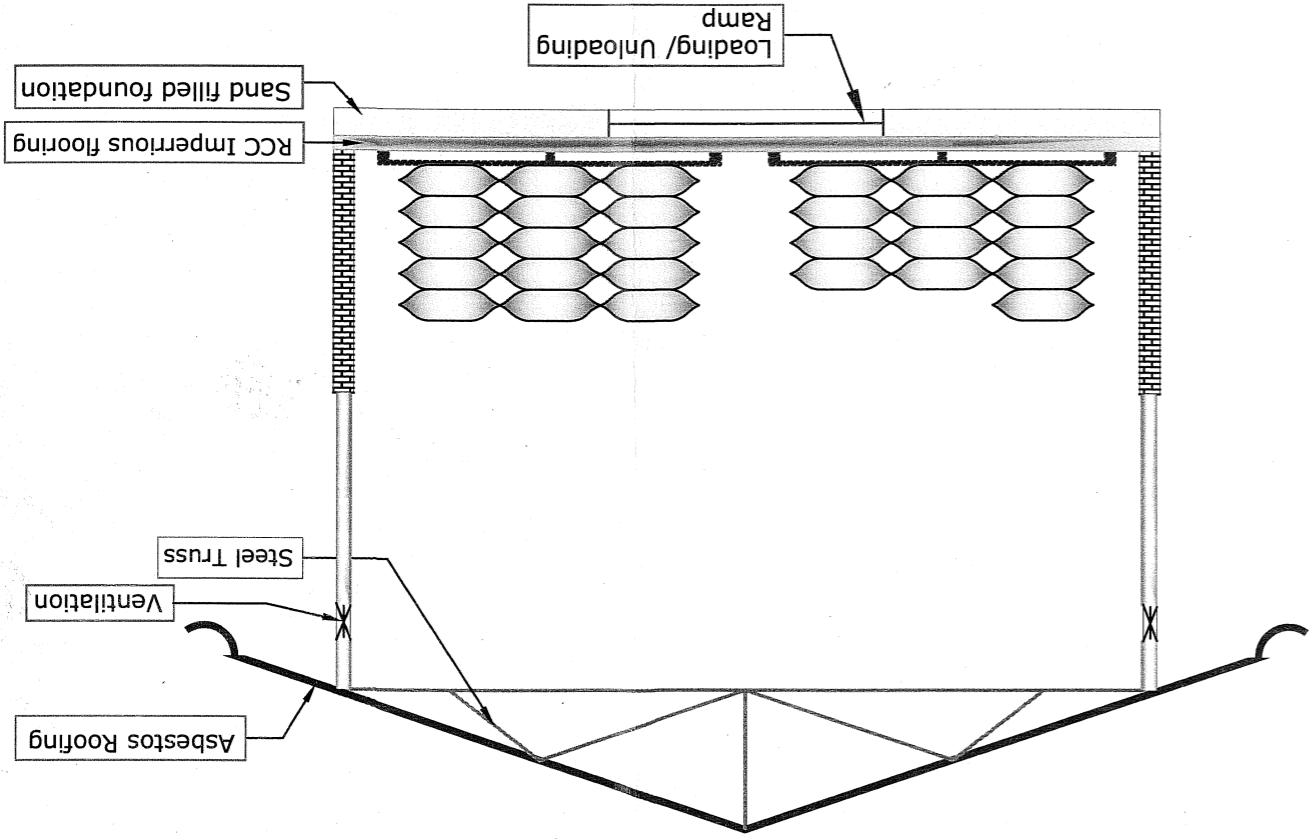
NO.	DATE	DESCRIPTION	BY	CHECKED	APP. BY
01	15/04/17	ISSUED AS WORKING DRAWING FOR TENDER	PM	SM	PM
02	05/04/17	FINAL PLAN APPROVED AS PER ISSUED DRAWING	PM	SM	PM
03	15/04/17	ISSUED AS WORKING DRAWING FOR TENDER	PM	SM	PM
04	05/04/17	FINAL PLAN APPROVED AS PER ISSUED DRAWING	PM	SM	PM
05	05/04/17	ISSUED AS WORKING DRAWING FOR TENDER	PM	SM	PM
06	05/04/17	FINAL PLAN APPROVED AS PER ISSUED DRAWING	PM	SM	PM
07	05/04/17	ISSUED AS WORKING DRAWING FOR TENDER	PM	SM	PM
08	05/04/17	FINAL PLAN APPROVED AS PER ISSUED DRAWING	PM	SM	PM
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17	05/04/17	ISSUED AS WORKING DRAWING FOR TENDER	PM	SM	PM
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29	05/04/17	ISSUED AS WORKING DRAWING FOR TENDER	PM	SM	PM
30	05/04/17	FINAL PLAN APPROVED AS PER ISSUED DRAWING	PM	SM	PM

This drawing is a property of Shroff & Associates (Engineers) Pvt. Ltd. and shall remain confidential to any third party of application to net party.

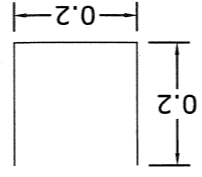
Shroff & Associates (Engineers) Pvt. Ltd.
Shroff Consulting Engineers LLP.

Title: **PLOT PLAN**
 Client: **M/s DAI ICHI KARKARIA LTD.**
 Project: **ALKOXYLATION** Project No: **DAHEJ C-1471**
 Scale: **1:400** Plot No: **1471-LF9-101** Sheet: **1 of 2** R15

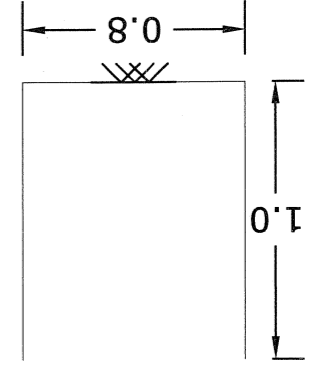
ELEVATION



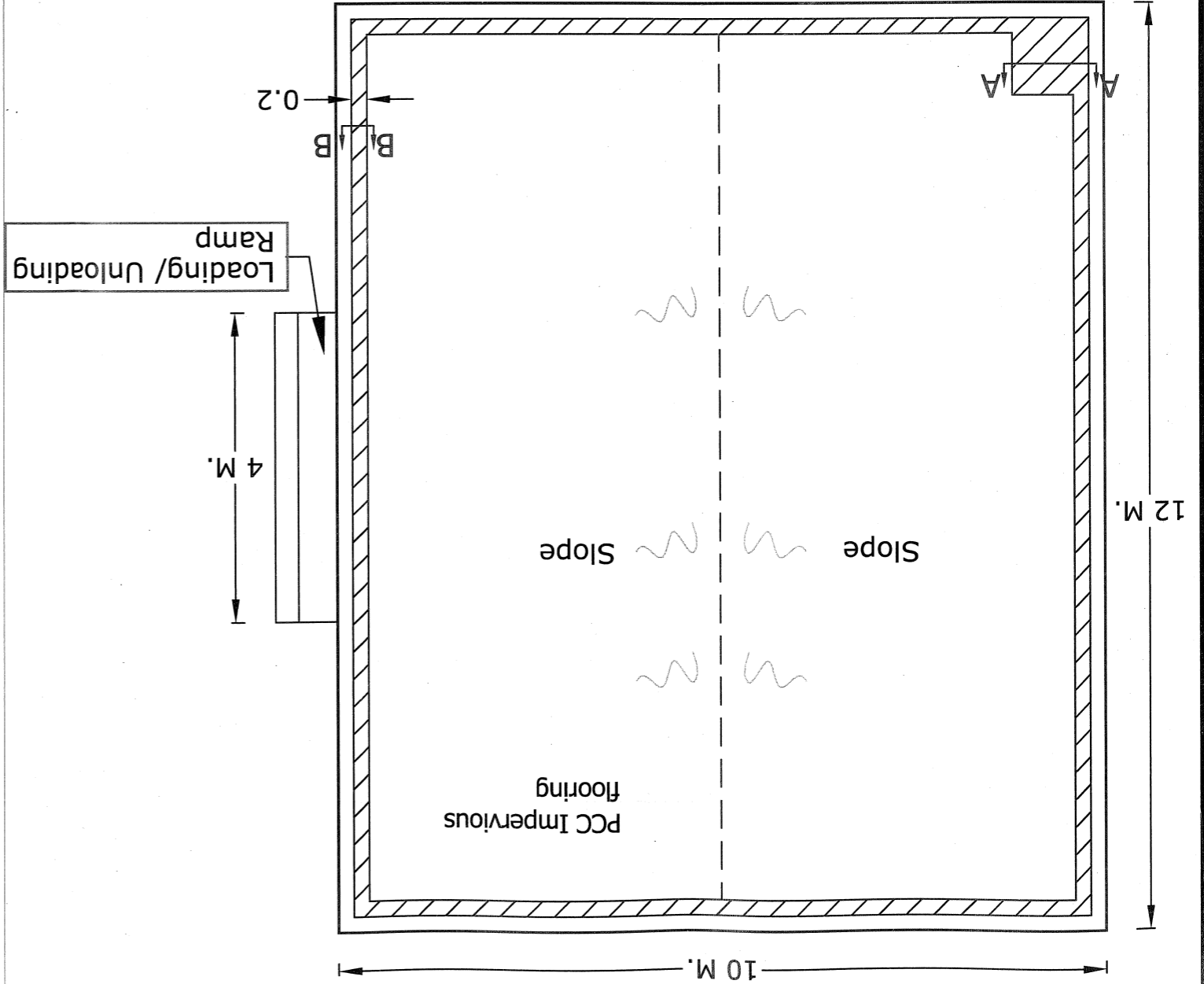
Section B-B



Section A-A



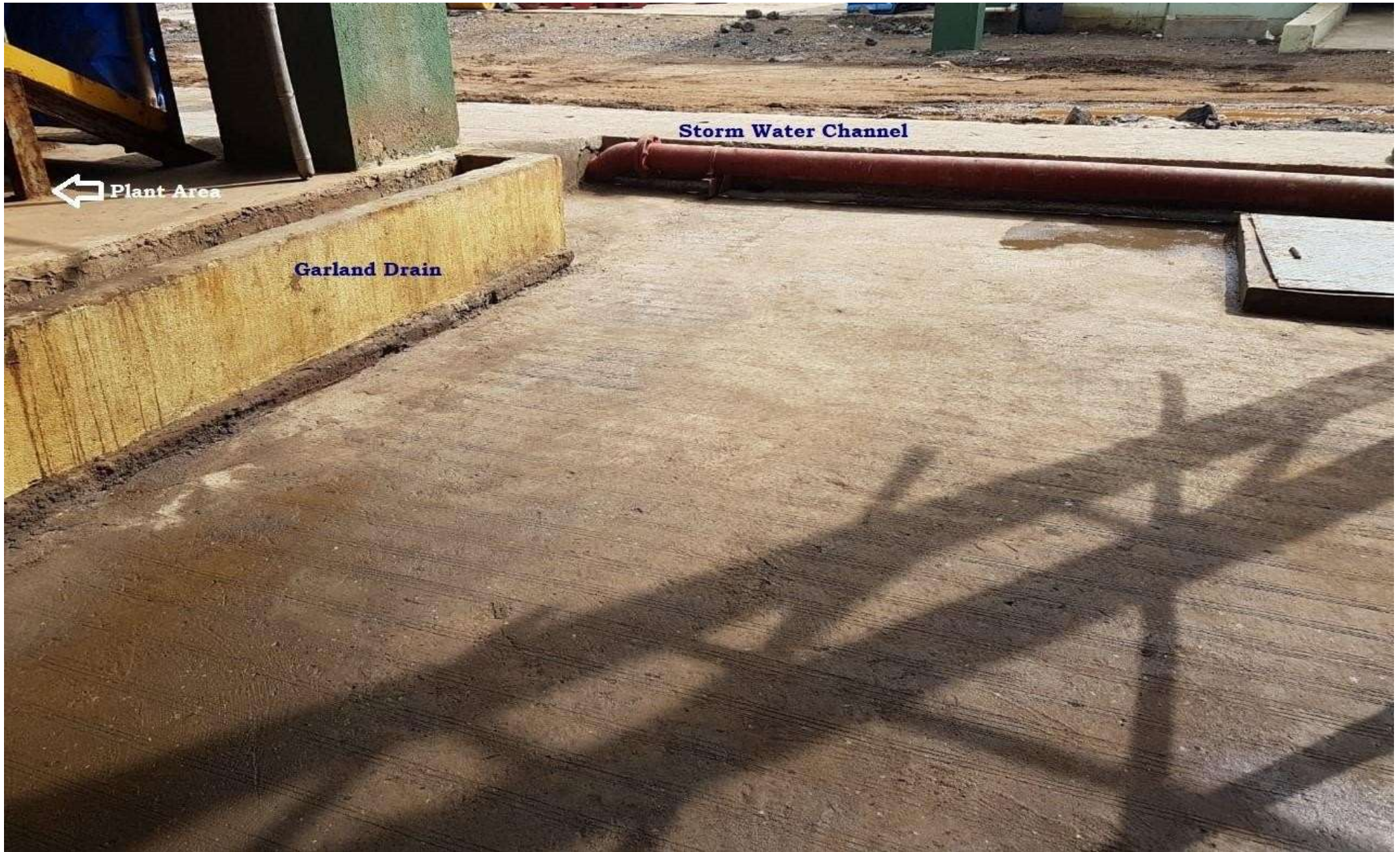
PLAN





HAZARDOUS
SOLID WASTE
AREA
ETP WASTE
CAT. No. 3, 4, 5

INSECTICIDES INDIA LIMITED
DAHEJ



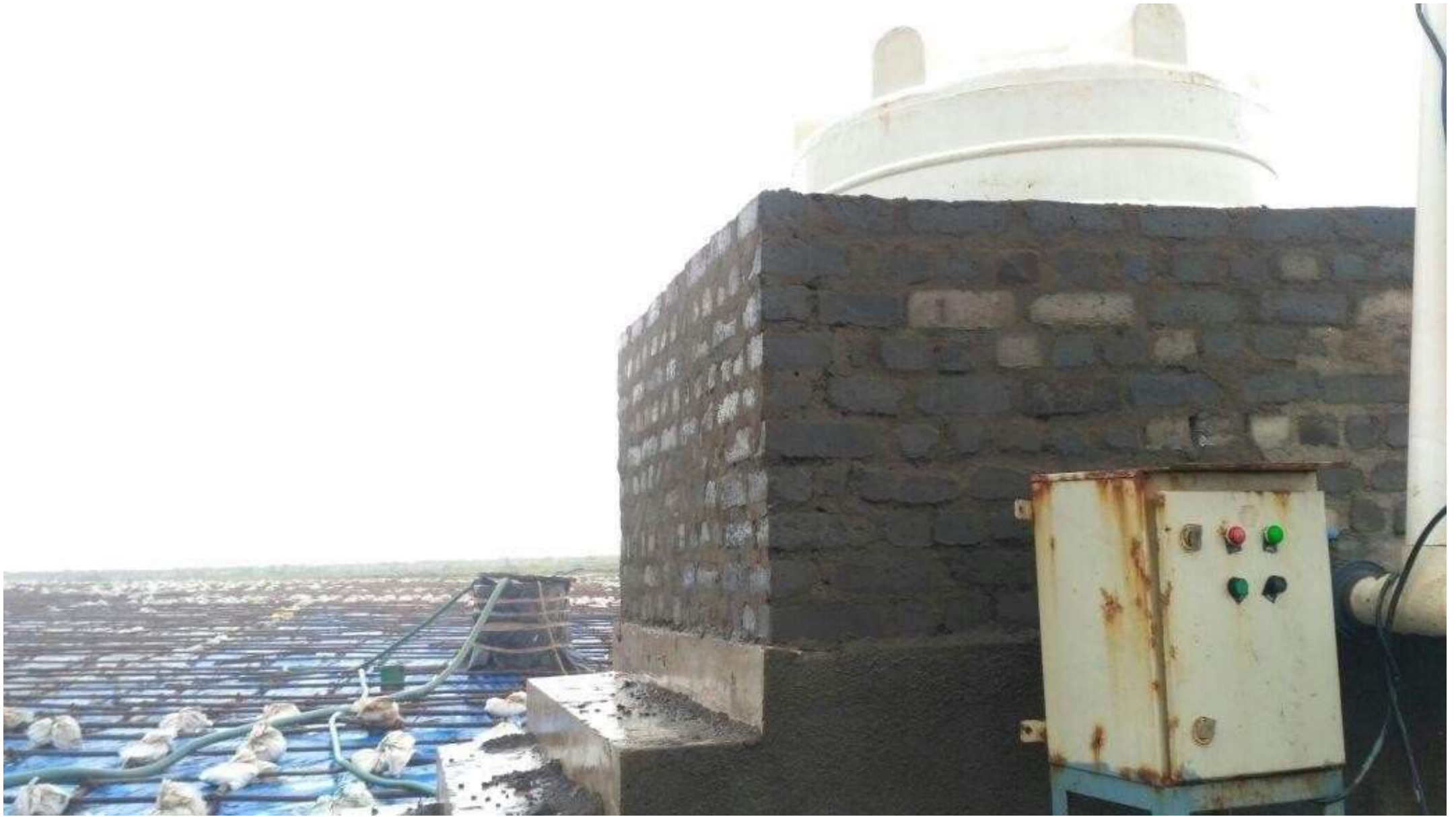


Plant Area →



Effluent Collection Pit

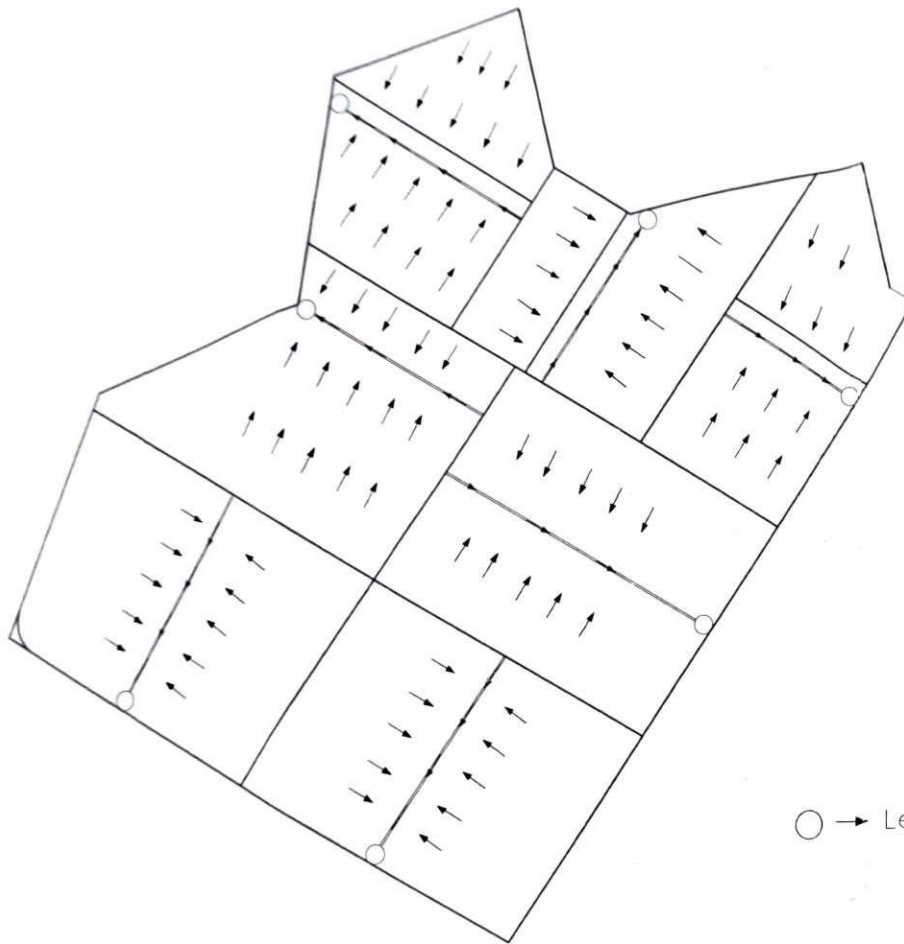
Garland Drain





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**

(Signature)
20/10/13
Dr. Manoj Datta
Professor
Civil Engineering Department
Indian Institute of Technology Delhi
Hauz Khas, New Delhi - 110016

(Signature)

DRG NO	REV.	DATE
BEIL-LAY-09		26.09.13
ALL DIMENSIONS SHOWN ARE IN METER		SCALE N.T.S.

**BEIL INFRA STRUCTURE LTD. – DAHEJ
PUBLIC HEARING COMPLIANCE REPORT**

The Public hearing was held on 5th April 2013 at P.J. Chheda Janta Vidyalay, Dahej, Taluka Vagra, Dist. Bharuch, Gujarat at 11:30 Hrs.

Sr. No.	Name and Address	Points represented and / or written submission	Compliance Status
1	Shri Raghuvirsinh Udaysinh Rana Village: Dahej, Taluka: Vagra, District: Bharuch	Whether GPCB is carrying out monitoring of the ambient air parameters SO _x , NO _x in Dahej Area?	Complied. The regional Officer of GPCB answered that GPCB will contact him for carrying out investigation of His complaint.
		He informed that we cannot sleep outside of our residence during night hrs. If door of house remains open, black layers get form on the utensil in morning due to Air pollution.	Complied. We are carrying out regular monitoring of ambient air & all the parameters are within the limit.
		What should be the minimum distance of the company site from village?	Complied. The minimum distance of site from village should be 0.5 Km as per guideline.
2	Shri Sureshbhai Sanabhai Village: Dahej, Taluka: Vagra,	He informed that development in Gujarat is at very fast and new industries are coming.	Noted.
		They give committeemen's during public hearings and they were given cooperation.	Noted.
		He requested industries to give employment to local people.	Complied. We have appointed 2 person as chemist and as electrician, as well as we are also sponsoring them for their skill development courses.
		He informed that they are not against the developments of industries.	Noted.
		He asked the industries representative what steps will be taken to give the employment.	Complied. We have appointed 2 person as chemist and as electrician, as well as

			we are also sponsoring them for their skill development courses.
		He further added that it should give in written by the industries.	Complied We have given employment to local people. We have appointed 2 person as chemist and as electrician, as well as we are also sponsoring them for their skill development courses.
3.	Shri Pradeep Thakar		As he is not in the definition of local people, he was advised to give his presentation or comment in writing which will be incorporated in minutes. He had not given any Written comment.
4.	Shri J. J. Rajput Member of Dahej Eco-Friendly Society, Village: Dahej, Taluka: Vagra, District: Bharuch	He asked the project proponent what the lesson they have learnt from Ankleshwar BEIL fire incident.	Complied. BEIL fire incident had occurred in 2008 in incinerable waste storage area. In this project we are not receiving any incinerable waste. Therefore there will not be possibility of fire incident. We are receiving the waste as per the acceptance criteria for disposal in TSDF site.
5.	Shri Yogesh Pandya Founder Trustee of Dahej Eco-Friendly Society, Village: Dahej, Taluka: Vagra, District: Bharuch	He informed that various problem are arising along with the development of the area.	Noted
		He added that in Gujarat solution of the problems also beings taken care therefore Gujarat develops at very fast. In connection with development of Dahej area they have develop Dahej Eco-friendly society which is also registered with government.	Noted
		He further insisted that work for the preservation of environment should be carried out site by site of development of Dahej area.	Complied. In Ankleshwar, We have HDPE single liner and here in Dahej we have double liner. We have developed a green belt (4550 Trees) along the periphery according to CPCB guidelines (Total 2, 85,343.76 sq. meters land area is available at site; out of this area about 50,500 (3300 m length * 15 m width) sq. meters (18.46 %) area is considered as greenbelt and other forms of greenery) to minimize fugitive emission. It is an ongoing activity, in this monsoon also we have planted 7532 trees to develop green belt. We have tied up with local Gram Panchayat for developing a garden in around 2200 Sq. meters.
	He further added that Dahej should not be developed like	Noted.	

	Ankleshwar and Panoli GIDC.	
	He pointed out the complaints of local residence and asked the industries to take the necessary steps.	Noted.
	He added that this type of project is given subsidiary given by government under various provisions therefore people are accepting solution of their problems related to environment and other issues.	Noted.
	He said that in earlier days hazardous waste was disposed not properly which created heaps but now Gujarat is having maximum number of TSDFs, CETPs and Common Incinerators.	Noted.
	Gujarat is going toward the solution of the problems.	Noted.
	He further added that mistake made once should not be repeated again.	Noted.
	He had given incident of Vapi TSDF in which large amount of hazardous waste had washed out due to heavy rain in nearby area. In connection with the same he asked the project proponent what precaution will be taken in Dahej site?	Complied If the slope is not proper then water logging takes place. We have provided the proper slope and in monsoon, the site will be totally closed so no chance of any incidents.
	In connection with, sea is also nearby, salt pans are also nearby and site is also nearby CRZ limit. He further added that the soil of the area is also black cotton soil and water table is about 2.5 to 3 m depth, also area is having heavy rain as well as heavy wind velocity. What extra – ordinary precautions will be taken of above points?	Complied We have done analysis and survey report by government authority and report says it is 9.0 to 9.5 meter. Based on the report we have commissioned the site. We have excavated 1.8 meter black cotton soil until the yellow soil appears then TSDF commissioned.
	He informed that the site will be favorite for Dahej Eco- Friendly Society and Dahej Industrial association.	Noted
	Considering the transparency and faith representative of Dahej Eco-Friendly Society and Dahej Industrial association will be given chance to visit the construction phase of site development.	Complied We are allowing all the member of Dahej Eco-Friendly Society and Dahej Industrial Association for all activities take place in site, they don't need to take any permission.
	He further inquired that what will be disposal of condensate	Complied.

		of MEE and whether they are going to provide stripper in MEE.	MEE Plant of Capacity 200 KLD has been installed and commissioned in May, 2017. We have applied for the CC&A in May, 2017. Spray Dryer is provided and scrubber is attached.
		He advised that to think for high CV waste for co-processing in Cement Kilns.	Noted. At present it is TSDF only. It will be taken care if incinerator will come in future.
		In connection with that green belt, he advised the project proponent to develop 33% green belt in this site as well as in nearby area of Dahej.	Complied. We have developed a green belt (4550 Trees) along the periphery according to CPCB guidelines (Total 2, 85,343.76 sq. meters land area is available at site; out of this area about 50,500 (3300 m length * 15 m width) sq. meters area is considered as greenbelt and other forms of greenery). It is an ongoing activity, in this monsoon also we have planted 7532 trees to develop green belt. We have tied up with local Gram Panchayat for developing a garden in around 2200 Sq. meters. BEIL & UPL have planted the following 1800 nos near Kadodara 4000 nos in Vav village 2800 nos panyadara 2000 nos in Padariya We have also tied up with local gram panchayat and have prepared a five year plantation plan, wherein we will be providing trees and tree guards to the panchayat.
		In connection with Narmada Parikrama, he advised the industries to give necessary facilitation for this noble cause.	Complied.
		He informed that since 1995 various public hearing were conducted in this school premises but lot of work for the development of school is required to be done. He advised the project proponent to donate for school room as well as its compound wall.	Complied. We have donated Rs. 50000 to Shri P.J. Chheda Janta Vidhyalaya, Rs. 10000 to School Management Committee & Rs. 5000 to Archarya Prathmik Shala, Dahej
6	Shri Haniabhai President of Dahej Industrial Association, Village: Dahej, Taluka: Vagra, District: Bharuch	He said that Dahej Industrial estate is established in 1993. 20 years is passed for the growth.	Noted.
		He added that this project will to come before one year but due to some reason, project is	Complied We applied to GIDC for land on 06.04.2009 and got allotment &

		delayed. We welcomed the project.	possession on 28.09.2011 & 04.08.2011 subsequently. We have started the landfill site in April 2015 after getting all the required approvals.
		He further added that Dahej Eco-Friendly Society and Dahej Industrial Association will have environment cell. 77 industries is located in Dahej Industrial Estate. All members will work together and this project has to be completed at the earliest.	Complied We have started the landfill site in April 2015 and are become member of Dahej Eco-Friendly Society and Dahej Industrial Association.
		In connection with Narmada Parikrama, he advised the industries to give necessary facilitation for this noble cause. He added that Narmada Parikrama was started in 1993.	Complied.
		He asked that how fast the project will come and ask to give the completion date. Rate should 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.

**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
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		He informed that we cannot sleep outside of our residence during night hrs. If door of house remains open, black layers get form on the utensil in morning due to Air pollution.	Complied. We are carrying out regular monitoring of ambient air & all the parameters are within the limit.
		What should be the minimum distance of the company site from village?	Complied. The minimum distance of site from village should be 0.5 Km as per guideline.
2	Shri Sureshbhai Sanabhai Village: Dahej, Taluka: Vagra,	He informed that development in Gujarat is at very fast and new industries are coming.	Noted.
		They give committeemen's during public hearings and they were given cooperation.	Noted.
		He requested industries to give employment to local people.	Complied. We have appointed 2 person as chemist and as electrician, as well as we are also sponsoring them for their skill development courses.
		He informed that they are not against the developments of industries.	Noted.
		He asked the industries representative what steps will be taken to give the employment.	Complied. We have appointed 2 person as chemist and as electrician, as well as

			we are also sponsoring them for their skill development courses.
		He further added that it should give in written by the industries.	Complied We have given employment to local people. We have appointed 2 person as chemist and as electrician, as well as we are also sponsoring them for their skill development courses.
3.	Shri Pradeep Thakar		As he is not in the definition of local people, he was advised to give his presentation or comment in writing which will be incorporated in minutes. He had not given any Written comment.
4.	Shri J. J. Rajput Member of Dahej Eco-Friendly Society, Village: Dahej, Taluka: Vagra, District: Bharuch	He asked the project proponent what the lesson they have learnt from Ankleshwar BEIL fire incident.	Complied. BEIL fire incident had occurred in 2008 in incinerable waste storage area. In this project we are not receiving any incinerable waste. Therefore there will not be possibility of fire incident. We are receiving the waste as per the acceptance criteria for disposal in TSDF site.
5.	Shri Yogesh Pandya Founder Trustee of Dahej Eco-Friendly Society, Village: Dahej, Taluka: Vagra, District: Bharuch	He informed that various problem are arising along with the development of the area.	Noted
		He added that in Gujarat solution of the problems also beings taken care therefore Gujarat develops at very fast. In connection with development of Dahej area they have develop Dahej Eco-friendly society which is also registered with government.	Noted
		He further insisted that work for the preservation of environment should be carried out site by site of development of Dahej area.	Complied. In Ankleshwar, We have HDPE single liner and here in Dahej we have double liner. We have developed a green belt (4550 Trees) along the periphery according to CPCB guidelines (Total 2, 85,343.76 sq. meters land area is available at site; out of this area about 50,500 (3300 m length * 15 m width) sq. meters (18.46 %) area is considered as greenbelt and other forms of greenery) to minimize fugitive emission. It is an ongoing activity, in this monsoon also we have planted 7532 trees to develop green belt. We have tied up with local Gram Panchayat for developing a garden in around 2200 Sq. meters.
		He further added that Dahej should not be developed like	Noted.

	Ankleshwar and Panoli GIDC.	
	He pointed out the complaints of local residence and asked the industries to take the necessary steps.	Noted.
	He added that this type of project is given subsidiary given by government under various provisions therefore people are accepting solution of their problems related to environment and other issues.	Noted.
	He said that in earlier days hazardous waste was disposed not properly which created heaps but now Gujarat is having maximum number of TSDFs, CETPs and Common Incinerators.	Noted.
	Gujarat is going toward the solution of the problems.	Noted.
	He further added that mistake made once should not be repeated again.	Noted.
	He had given incident of Vapi TSDF in which large amount of hazardous waste had washed out due to heavy rain in nearby area. In connection with the same he asked the project proponent what precaution will be taken in Dahej site?	Complied If the slope is not proper then water logging takes place. We have provided the proper slope and in monsoon, the site will be totally closed so no chance of any incidents.
	In connection with, sea is also nearby, salt pans are also nearby and site is also nearby CRZ limit. He further added that the soil of the area is also black cotton soil and water table is about 2.5 to 3 m depth, also area is having heavy rain as well as heavy wind velocity. What extra – ordinary precautions will be taken of above points?	Complied We have done analysis and survey report by government authority and report says it is 9.0 to 9.5 meter. Based on the report we have commissioned the site. We have excavated 1.8 meter black cotton soil until the yellow soil appears then TSDF commissioned.
	He informed that the site will be favorite for Dahej Eco- Friendly Society and Dahej Industrial association.	Noted
	Considering the transparency and faith representative of Dahej Eco-Friendly Society and Dahej Industrial association will be given chance to visit the construction phase of site development.	Complied We are allowing all the member of Dahej Eco-Friendly Society and Dahej Industrial Association for all activities take place in site, they don't need to take any permission.
	He further inquired that what will be disposal of condensate	Complied.

		of MEE and whether they are going to provide stripper in MEE.	MEE Plant of Capacity 200 KLD has been installed and commissioned in May, 2017. We have applied for the CC&A in May, 2017. Spray Dryer is provided and scrubber is attached.
		He advised that to think for high CV waste for co-processing in Cement Kilns.	Noted. At present it is TSDF only. It will be taken care if incinerator will come in future.
		In connection with that green belt, he advised the project proponent to develop 33% green belt in this site as well as in nearby area of Dahej.	Complied. We have developed a green belt (4550 Trees) along the periphery according to CPCB guidelines (Total 2, 85,343.76 sq. meters land area is available at site; out of this area about 50,500 (3300 m length * 15 m width) sq. meters area is considered as greenbelt and other forms of greenery). It is an ongoing activity, in this monsoon also we have planted 7532 trees to develop green belt. We have tied up with local Gram Panchayat for developing a garden in around 2200 Sq. meters. BEIL & UPL have planted the following 1800 nos near Kadodara 4000 nos in Vav village 2800 nos panyadara 2000 nos in Padariya We have also tied up with local gram panchayat and have prepared a five year plantation plan, wherein we will be providing trees and tree guards to the panchayat.
		In connection with Narmada Parikrama, he advised the industries to give necessary facilitation for this noble cause.	Complied.
		He informed that since 1995 various public hearing were conducted in this school premises but lot of work for the development of school is required to be done. He advised the project proponent to donate for school room as well as its compound wall.	Complied. We have donated Rs. 50000 to Shri P.J. Chheda Janta Vidhyalaya, Rs. 10000 to School Management Committee & Rs. 5000 to Archarya Prathmik Shala, Dahej
6	Shri Haniabhai President of Dahej Industrial Association, Village: Dahej, Taluka: Vagra, District: Bharuch	He said that Dahej Industrial estate is established in 1993. 20 years is passed for the growth.	Noted.
		He added that this project will to come before one year but due to some reason, project is	Complied We applied to GIDC for land on 06.04.2009 and got allotment &

		delayed. We welcomed the project.	possession on 28.09.2011 & 04.08.2011 subsequently. We have started the landfill site in April 2015 after getting all the required approvals.
		He further added that Dahej Eco-Friendly Society and Dahej Industrial Association will have environment cell. 77 industries is located in Dahej Industrial Estate. All members will work together and this project has to be completed at the earliest.	Complied We have started the landfill site in April 2015 and are become member of Dahej Eco-Friendly Society and Dahej Industrial Association.
		In connection with Narmada Parikrama, he advised the industries to give necessary facilitation for this noble cause. He added that Narmada Parikrama was started in 1993.	Complied.
		He asked that how fast the project will come and ask to give the completion date. Rate should competitive with other TSDFs.	Complied We have started the landfill site in April 2015
		He advised to project proponent the CETP should also come and start as you have experience of existing site.	Noted
		He also appreciated the cooperation of the surrounding villages' people.	Noted
7.	Mr. Sunil Jain Member of Dahej Eco- Friendly Society, Village: Dahej, Taluka: Vagra, District: Bharuch	What is the provision of rain water harvesting in premises?	Noted for compliance We will carry out rain water harvesting.
		What is planning or arrangement for parking the trucks-vehicles to carry the hazardous waste to project site?	Complied 1000 Sq. Mt. Parking area is provided for trucks-vehicles.
		What care is taken for the nearby existing water tanks due to transportation of vehicles?	Complied Hazardous waste is being transported in dedicated vehicles and it is completely covered. If any mishap will happen, we will collect the waste and then it will be disposed in TSDF.
8.	Shri Narendrasinh Rana Chairman of P J Chheda School & BJP Dahej Gram Panchayat, Village: Dahej, Taluka: Vagra, District: Bharuch	He said that company had given satisfied answer. They will fulfil their commitments. The development of high school should be taken care off by industries.	Complied We have donated Rs. 50000 to Shri P.J. Chheda Janta Vidhyalaya, Rs. 10000 to School Management Committee & Rs. 5000 to Archarya Prathmik Shala, Dahej
		He added that development of industries taken place without any unrest industries.	Complied. We, Dahej Industrial Association, Dahej Eco-Friendly Society and Villagers shall get together for all activities either technical or CSR.

		And all public hearing has been done here only and industrial growth without any accident with industries and villagers.	Noted
		He requested to industries that they should contribute in CSR activities as well as for education facility.	Complied We have donated Rs. 50000 to Shri P.J. Chheda Janta Vidhyalaya, Rs. 10000 to School Management Committee & Rs. 5000 to Archarya Prathmik Shala, Dahej. We are also contributing towards all CSR activities in Dahej Area.
9.	Shri Pradyumansinh Natvarsinh Rana Village: Dahej, Taluka: Vagra, istrict: Bharuch	He asked that who is the responsible to dispose the hazardous waste here and there by other industries.	Noted If any complaints registered, then necessary actions will be taken in consultation with Dahej Industrial Association and GPCB.


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

(Signature)
કચ્છ
કુ. કલાર્ક
રજીસ્ટ્રી શાખા
જી. પં. ભરૂચ

(Signature)
કચ્છ
રજીસ્ટ્રી શાખા
કચ્છ
કચ્છ

Works Office : Plot No. D-43, Dahej, Amod Road, GIDC Estate, Dahej. Ta-Vagra - 392130, Dist. : Bharuch (Gujarat)
Phones : (02641) 291129 • Email : bhupendra.mehta@uniphos.com
Head Office : Plot No. 9701-16. GIDC Estate, Post Box No. 82, Ankleshwar - 393 002, Dist. : Bharuch (Gujarat)
Phones : (02646) 253135, 225228 • Fax : (02642) 222849 • E-mail : panjwania@uniphos.com
Regd. Office : Plot No. 117-118, GIDC Estate, Ankleshwar - 393 002, Dist. : Bharuch (Gujarat)

COMPOST SITE BUILT BY BEIL IN DAHEJ VILLAGE



Collection of Kitchen Waste (door to door)



Monthly average of daily collected kitchen waste comes between 100 to 150 KGs.



Kitchen garden at Composting Site



Awareness session organized on sustainability concepts for students of Govt. Commerce and Science College ,Dahej



Medical Equipment's donated to Dahej PHC



Health hygiene awareness session Organized at Dahej Kanya Shala



Fire & Safety Assessment awareness training at Luvara government school



Environmental Management Plan Compliance

Discipline	Environmental hazard	Mitigation Measures and Action plan	Compliance Status
Secured Landfill Facility			
Temporary storage of Hazardous waste	Leachate Generation	Collection of leachate and treatment	Complied. Temporary storage of hazardous waste is provided for monsoon period. Leachate generating from the temporary storage is being collected and treated existing inhouse MEE plant.
Loading the hazardous waste in dumper	Fugitive emission	Coverage of the dumper to prevent dusting	Complied. Authorized dedicated closed dumpers are being used.
	Spillage of waste on the floor	- Avoid spillages by careful handling of the solid waste. - Clean the floor regularly and collect the waste & dispose in landfill	Complied. -Handling has been carried out to avoid spillage of the solid waste. -Regular housekeeping activity is also done.
	Leakage/spillage during transportation	inspection of the dumpers and ensuring that there is no leakage/spillage	Complied Regular inspection carried out of dumpers for detecting any leakage for spillage.
	Health impacts on the workers	Usage of Hydraulic dumpers/hook loaders to prevent manual handling Usage of PPEs by all Employees Medical check-up - pre employment and routine	Complied. Hydraulic dumpers are used for transporting waste. Appropriate PPEs are provided to the workers while manual handling of the waste. Pre employment and routine medical check-up are being carried out.

Transportation of waste			
Transportation of Waste	Littering the waste on the road	<ul style="list-style-type: none"> - Inspect the dumpers and ensure that there is no leakage/spillage from the vehicle. - Loaded dumpers/trucks with waste should be fully covered. - Impart training to the drivers. - Dumpers/trucks should be leak proof 	<p>Complied.</p> <ul style="list-style-type: none"> -Regular inspection of the dumpers is done to ensure that there is no leakage/spillage from the vehicle. -Loaded dumpers/ vehicles are being covered, leak proof as well. -Drivers are given training also.
	Disposal of waste at non designated place	Manifest System	<p>Complied.</p> <p>We are following valid manifest system according to new hazardous and other waste (Handling and management) rules 2016.</p>
	Contamination of the tyres of vehicles entering landfill area	After loading/unloading the waste, tyres should be washed, and washed water shall be sent for treatment	<p>Complied.</p> <p>After loading/unloading the tires are washed and wastewater is sent for treatment.</p>
Final Disposal			
	Violent reaction/ fire	<ul style="list-style-type: none"> - Strictly to follow the acceptance criteria. - Check the reactivity of the wastes prior to disposal 	<p>Complied.</p> <p>Comprehensive and fingerprint analysis are carried out before accepting the waste to strictly following acceptance criteria for landfill.</p>
	Excessive leachate generation in monsoon season	Cover the sub-cells of the facility with tarpaulin to prevent entry of rain water Close monitoring of the site round the clock during monsoon	<p>Complied.</p> <p>Adequate covering of the sub cells with tarpaulin is done during monsoon.</p>

Final Disposal of the hazardous waste into secured landfill facility	Blowing away of the waste dust with the wind	- Spray water during summer season. - Cover the waste layer with fresh soil and compact it.	Complied. Water is being sprayed for dust suppression. And daily coverage of waste with clay layer is being done.
	Disposal of waste at the wrong place in the premises leachate handling	Provide indicators and sign boards for systematic operation. Properly designed leachate collection wells Daily monitoring of levels in the wells Transfer of leachate from the wells to storage for treatment	Complied. Necessary sign board are provided. Adequate numbers of leachate collection wells are constructed, daily level monitoring is being done and transferred to MEE plant.

Monitoring Activity			
Water Quality	-Ground water pollution - Contamination of ground water	- Monitoring groundwater at upstream and downstream of the site. - Groundwater monitoring surrounding the site as per predesigned plan - Proper barrier systems like impermeable liners, gravity slope and gravel packed channels are constructed for natural flow of leachate and contact water. -The leachate generated has to be collected in an underground tank from where it can be pumped out to the treatment unit. Thus the chances of ground water contamination can be minimised	Complied - We have total 4 monitoring (1 Upstream and 3 downstream wells of the site and monthly monitoring. - An IIT approved leachate collection system is developed and there is a garland drain around the leachate tank. - The leachate from here is pumped to the storage tank which is provided with dyke wall. Therefore, no chances of any type of contamination from anywhere.
Air Quality	Air pollution (Fugitive, Dust and gaseous emissions)	-Ambient Air Monitoring for various parameters at the site and surroundings - Water Dumpers, sprinklers are deployed for water spraying. -Tree plantation around the facility are and along the roads. -Respirable dust samples are collected and analysed periodically to ensure that the	Complied -We are regularly monitoring the ambient air quality parameter at the site and surrounding -We are deployed water dumpers, sprinklers for water spraying. -We are developed tree plantation around the facility and along the roads.

		dust concentration limit is contained within the allowable limits	- Respirable dust samples are collected and we analysed periodically to ensure that the dust concentration limit is contained within the allowable limits.
Soil Quality	Soil pollution (Project site will undergo a major transformation during landfilling. The waste is to be compacted in layers with proper sloping. Contamination of soil is possible if the lining system is improper. Also littering of the waste while transportation to the disposal facility, blowing of waste particles due to wind shall lead to soil contamination. Spillage of leachate during pumping also will lead to soil pollution localized)	- Soil sampling from various locations and analysis. - After land filling is complete, the liner system consisting of soil cover, HDPE liners and vegetative cover shall be immediately constructed to avoid any contamination of soil.	Complied - Soil sampling from various locations and analysis is being done. - Final Coverage is done according to GPCB/CPCB criteria and guidelines to avoid any contamination of soil.
Noise	Noise pollution (Noise levels during construction phase will be high during operational phase due to instrumental work, increased truck movement, earth movers etc.	-These negative impacts are short term. - Equipment to be kept and maintained in proper condition to keep the noise level within 75dB(A). - Workers will be provided with necessary protective equipment e.g. ear plug, ear muffs. - Provision of green belt and plantation would further help in attenuating noise.	Complied. -Noise level monitoring is done on regular basis. - Employees are provided with suitable PPEs to avoid any short term or long term negative impacts of noise pollution. - Adequate green belt is also provided
Traffic	Traffic Impact	BEIL is situated towards one corner of industrial estate of GIDC. As there is no much traffic on this road, no traffic	Complied. BEIL is situated towards one corner of industrial estate of GIDC, as there is no much traffic on this road, no traffic overcrowding

		overcrowding is expected and the impact will be insignificant.	is expected and the impact will be insignificant.
Socio- Economic	Socio- Economic Impact	<p>The site selected for the disposal of hazardous wastes in Dahej Industrial Estate, is not having any visible adverse impact on human population as well as livestock as this site is excluded from any agriculture, forest, ecological sensitive, or animal grazing land. Moreover, the site is with in the industrial estate and land already meant for that purpose.</p> <p>-Due to proposed project, there will be additional employment opportunities for Construction phase about 150 persons and about 60 persons during Operational phase. In general, the project is to have positive environmental impacts by collecting and disposing the hazardous waste in the scientific manner, this will reduce the future health hazard</p>	<p>Complied.</p> <p>The site selected for the disposal of hazardous wastes in Dahej industrial Estate, is not having any visible adverse impact on human populations well as livestock as this site is excluded from any agriculture, forest, ecological sensitive or animal grazing land. Moreover, the site is within the industrial estate and land already meant for that purpose. With the expansion of TSDf Cell 11, 12 & 13 proposed, there will be additional employment Opportunities for about 100 persons (Construction phase) and about 50 persons (Operational Phase). In general, the project is to have positive environmental impacts by collecting and disposing the hazardous waste in the scientific manner, this will reduce the future health hazard.</p>
Fire and Safety	Accidents/disasters related to fire and safety	<p>Since the TSDf site is already in operation, this is a capacity expansion project;</p> <ul style="list-style-type: none"> - Disaster management plan (DMP) is in place. - A well-laid firefighting system and fire extinguishers are already installed as per fire safety norms. -Regular fire safety training will be conducted. -Road/Fire Safety Week/National safety Day/Safety Week Celebration are 	<p>Complied.</p> <p>Since the TSDf site is already operational, this is an expansion of TSDf</p> <ul style="list-style-type: none"> -We have prepared and Implemented Disaster Management Plan. -A well-laid firefighting system and fire extinguishers are provided as per fire safety norms. -Regular safety training is being conducted. - National safety week is celebrated at our site every year.

		observed to improve the safety consciousness.	
Health and Safety	Injury	<p>Since the TSDF site is already in operation,</p> <ul style="list-style-type: none"> -Preplacement and Periodical medical examination of the TSDF site workers. -Use of personal protective equipment. -BEIL shall continue the health monitoring program for the employees. It should focus especially on workers who are handling the hazardous waste. 	<p>Complied</p> <ul style="list-style-type: none"> -Preplacement and Periodical medical examination of the TSDF site workers is being done. -PPEs are being provided to all the workers and employees. -BEIL will continue the health monitoring program for the employees. It would focus especially on workers who are handling the hazardous waste.
Impact on Agriculture and Livestock	No impact	This is capacity expansion project. The area is a barren land without significant vegetation. Hence no impact on the agriculture is envisaged.	<p>Complied</p> <p>This is an expansion of TSDF proposed Cells portion of land for setting up of secured Landfill. The area is a barren land without significant vegetation. Hence no impact on the agriculture is envisaged.</p>
Strom Water	-	<p>BEIL is providing coverage system with storm water collection and drainage for the utilized areas as per the CPCB guidelines. The first coverage system has been provided in the year 2001.</p> <ul style="list-style-type: none"> -Since the top coverage system is provided with proper liner system including HDPE liner, the rainwater is taken care of properly. -The rainwater is going through the drainage system without any contamination. -The rainwater harvesting system is provided based on the technology given 	Complied.

		by the Center for Science & Environment, New Delhi. -Schematic diagram of Rainwater Harvesting System is given in figure	
Green Belt		Adequate green belt will be provided by BEIL around the existing site. -Area which has been brought under green belt is to the tune of 52,500 sq. meter (18.4%) -Green belt will be properly maintained resulting in formation of a thick canopy of trees around the project site.	Complied. -We have developed 52,500 sq. mt. area as green belt within the premises. - We have also taken permission to develop green belt outside the premises.
Operation, Maintenance, and closure	Contamination of Environment	The site will be operated, maintained and closure of the facility will be done as per approved plan by SPCB and in accordance with guidelines published by CPCB	Complied. The site is being operated, maintained and closure of the facility will be done as per approved plan by SPCB and in accordance with guidelines published by CPCB
Post closure Phase	Ambient air quality	Monitoring of ambient air quality for various parameters	Complied Monitoring of ambient air quality for various parameters is being done.
	Emission from landfill vents	Monitoring of vents for HCs/VOCs, monthly	Complied. Monitoring of vents for HCs/VOCs is being done every month.
	Leachate generation	- Sampling and analysis of leachate for various parameters, monthly. - Treatment of generated leachate in Multiple Effect Evaporator	- Sampling and analysis of leachate for various parameters is being done. - Leachate generated is collected and treated in Multiple Effect Evaporator.
	Groundwater monitoring	Monitoring of groundwater	Complied. Monitoring of ground water on regular basis is being conducted.

	Soil contamination	Monitoring of soil samples	Complied. Monitoring of soil samples on regular basis is being conducted.
	Stability of the landfill	Regular inspection and maintenance of the coverage system	Complied. Regular Inspection and maintenance of the coverage system is being done.

Dr. K. RAMESH, IFS
MEMBER SECRETARY
SEIAA (GUJARAT)



Government of Gujarat

Annexure 20
STATE LEVEL ENVIRONMENT
IMPACT ASSESSMENT
AUTHORITY
GUJARAT

No. SEIAA/GUJ/EC/5(f)/1568 /2020

Date: 16 DEC 2020

BY R.P.A.D

Amendment to Environment Clearance Order No:- SEIAA/GUJ/EC/7(d)/227/2013 dated 22/07/2013.

(Under the provision of Environmental Impact Assessment (EIA) Notification, 2006)

In exercise of the power conferred under the provision of Environmental Impact Assessment (EIA) Notification, 2006 under sub-rule (3) of Rule 5 of the Environment (Protection) Rules, 1986, the Environment Clearance granted to M/s Bharuch Enviro Infrastructure Ltd for setting up "Common Treatment Storage and Disposal of Hazardous waste (TSDF) having Secured Landfill Facility (SLF) of 14 lacs MT and MEE plant having capacity 3 x 200 KL/day "at Plot No.D-43, Dahej Industrial Estate, Tal.Vagra, Dist. Bharuch, Gujarat, vide this office letter no. SEIAA/GUJ/EC/7(d)/227/2013 dated 22/07/2013, is being subjected to amendment for the following change in the project.

And whereas SEIAA has granted Environment Clearance vide office order letter no. SEIAA/GUJ/EC/7(d)/227/2013 dated 22/07/2013, under the provisions of the aforesaid Notification.

And whereas project proponent has applied for amendment in the environmental clearance vide their online application vide No. SIA/GJ/MIS/170754/2020 dated 01-09-2020. The project was scheduled for hearing in the SEAC meeting held on 19/10/2020.

The SEAC, Gujarat had recommended the project vide their letter dated 12/11/2020 to grant amendment in Environmental Clearance to the SEIAA, Gujarat based on the decision taken during SEAC meeting held on 19/10/2020. The proposal was considered by SEIAA, Gujarat in its meeting held on 26/11/2020 at Gandhinagar. After careful consideration, Environment Clearance order dated 22/07/2013 is hereby amended as under, subject to amendment with respect to changes in the planning of the project.

1. Name of the unit shall be read as "M/s BEIL Infrastructure Ltd." instead of "M/s. Bharuch Enviro Infrastructure Ltd".

Rest of all the conditions of the Environment Clearance orders no SEIAA/GUJ/EC/7(d)/227/2013 dated 22/07/2013 shall remain unchanged.

With regards,
Yours sincerely,

(Dr. K. RAMESH)
Member Secretary



Issued to:

BEIL INFRASTRUCTURE LIMITED
Plot No. D-43,
Dahej Industrial Estate,
Tal. Vagra, Dist. Bharuch,



GUJARAT POLLUTION CONTROL BOARD

Paryavaran Bhavan, Sector-10-A, Gandhinagar-382010

RI AD
382010 22.12.2020

C592 626303



POSTAGE
₹ 25.00

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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)



सत्यमेव जयते

File No: 10-43/2016-IA-III
Government of India
Ministry of Environment, Forest and Climate
Change
IA Division



Date 09/11/2023



To,

Bhupendra D. Dalwadi
BEIL INFRASTRUCTURE LIMITED
Plot 9701-9716 GIDC Industrial Estate, Ankleshwar, Distt. Bharuch, Gujarat -393002, Plot 9701-9716
GIDC Industrial Estate, Ankleshwar., BHARUCH, GUJARAT, 393002
dalwadibd@beil.co.in

Subject: Environmental Clearance for Capacity enhancement of SLF 19 lakh MT to 42.86 Lakh MT in existing Common hazardous waste treatment Storage, Disposal Facilities (TSDF) at plot number D-43, Dahej Industrial Estate, Tal Vagra, Dist. Bharuch, Gujrat proposed by M/s BEIL Infrastructure Limited - regarding.

Sir/Madam,

This is in reference to your application submitted to MoEF&CC vide proposal number IA/GJ/INFRA2/438751/2023 dated 12/09/2023 for grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC23A3201GJ5632197N
(ii) File No.	10-43/2016-IA-III
(iii) Clearance Type	Expansion EC
(iv) Category	A
(v) Project/Activity Included Schedule No.	7(d) Common hazardous waste treatment, storage and disposal facilities (TSDFs)
(vi) Sector	INFRA-2 Capacity enhancement of SLF 19 lakh MT to 42.86 Lakh MT in existing Common hazardous waste treatment Storage, Disposal Facilities (TSDF) at plot number D-43, Dahej Industrial Estate, Tal Vagra, Dist. Bharuch, Gujrat proposed by M/s BEIL Infrastructure Limited
(vii) Name of Project	BEIL INFRASTRUCTURE LIMITED
(viii) Name of Company/Organization	BEIL INFRASTRUCTURE LIMITED

(ix) Location of Project (District, State)	BHARUCH, GUJARAT
(x) Issuing Authority	MoEF&CC
(xi) Applicability of General Conditions as per EIA Notification, 2006	No

This has reference to above mentioned proposal No. IA/GJ/INFRA2/438751/2023 received on 12/09/2023 through PARIVESH Portal for seeking Environmental Clearance (EC) as per provisions under EIA Notification, 2006 as amended under Environment (Protection) Act, 1986.

2. 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 required appraisal at the Central level.

3. The proponent has submitted this proposal for the grant of EC for Capacity enhancement of SLF 19 lakh MT to 42.86 Lakh MT in existing Common hazardous waste treatment Storage, Disposal Facilities (TSDF) and the same has been considered as an EC expansion proposal and appraised by the EAC in its 110th meeting held on 19/09/2023.

4. The details of the project, as per the application form, documents submitted by the project proponent, and also as informed during the aforesaid meetings of EAC, are provided below for reference:

- i. The present proposal is Enhancement of capacity of secured landfill, MEE & ETP at existing Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF). It is an expansion project.
- ii. This proposed project is located at Plot No. D-43, Dahej Industrial Estate, Taluka Vagra, Dist. Bharuch, Gujarat.
- iii. This project activity covered under item of Schedule 7(d) Integrated Common hazardous waste treatment, storage and disposal facilities (ICHWTSDF) to the EIA Notification, 2006 and Category A project.
- iv. Earlier, EC was issued by SEIAA Gujarat on 22.07.2013 for establishment of Common Hazardous Waste TSDF at plot number D-43, Dahej Industrial Estate, Taluka Vagra, District Bharuch by M/s Bharuch Enviro Infrastructure Limited. Thereafter, expansion of EC was done by the Ministry on 19.12.2018 for installation of Two Incinerators and capacity enhancement for Landfill Facility at existing TSDF. Subsequently, PP changed the company name from M/s Bharuch Enviro Infrastructure Limited to M/s BEIL Infrastructure Limited on 18.09.2020.
- v. Components of the project are:

Particulars	Existing	Proposed	Total After Expansion
Secured Landfill Capacity (Lacs MT)	19	23.86	42.86
Incinerator (Million Kcal/hour)	2 x 12 (EC granted, one installed)	-	2 x 12
MEE (m ³ /day)	200	760	960
ETP (KLD)	100	550	650

vi. The project site is located in the notified industrial area namely "Development of Petroleum, Chemical and Petro-chemical investment region (PCPIR)" by M/s Gujarat Industrial Development Corporation. Total Plot Area: 305146.881 m²

- vii. After expansion, 1077 KLD water will be required, freshwater will be sourced from GIDC.
- viii. Wastewater generation, treatment and disposal:

Wastewater Generation		Existing (KL/day)	Proposed (KL/day)	Total wastewater generation after proposed Quantity(Kl /day)	Treatment Details
Domestic		16	-	16	ETP
Industrial	Process (Leachate, drum decontamination, tanker decontamination, tyre washing)	200	-	200	MEE
	Cooling	2	14	16	ETP
	Boiler blowdown/DM Water Plant/UF blowdown	2	82	84	ETP
	Washing/Laboratory	99	25	124	MEE
	Condensate water	100	550	650	ETP/ Recycled
	Bleed water	170	14.5	184.5	Incinerator
Wastewater generation (KL/Day)		589 KLD	685.5 KLD	1,274.5 KLD	

ix. Municipal solid waste generated is 15 kg/day and disposal as per SWM Rules, 2016.

x. Power requirement will be sourced from existing line of Gujarat Electricity Board (GEB). Existing power load requirement is 2000kVA and additional power requirement mainly for MEE+ETP is 2530 KVA. In case of power failure, D.G. Set can be used. Total D.G. load available is 3330 KVA (1x600 kVA + 3x910 kVA), additional DG set proposed for expansion is 1820 kVA (2x910 kVA).

xi. Energy Conservation measures also adopted at the project. In Incinerator plant WHRB has been installed. The steam generated from Heat Recovery Boiler is used to operate the Multiple Evaporation system. BEIL has also installed Solar Panel in the capped portion of landfill.

xii. Solar panels are installed on the capped portion of landfill. Details of existing and proposed solar panels with power generation capacity is given below:

	No. of module installed	Capacity
Existing	682	0.22 MW
Proposed	30000	9.9 MW

- xiii. Details of Rainwater Harvesting Plan – Rain -Water Harvesting is not proposed at site.
- xiv. Total 305146.881 sq. meters land area is available at site; out of this area 50830.53 sq.m. of green area is being maintained at the project site. Further, BEIL has also taken additional land @20 acres (8.0 ha) in Dahej village to carry out the tree plantation activities outside the premises.
- xv. Parking details as per norms – Total Parking area available is 800 sq.m.
- xvi. List of commitments as mentioned in the EIA/EMP w.r.t mitigation measures

S.NO	TITLE	CAPITAL COST in Lacs	RECURRING COST in lacs per year
1.	Monitoring of Air, Water, Soil, Noise etc. including online monitoring	-	3.0
2.	Air Pollution Control- Water sprinkling	-	1.0
3.	Green belt development (Plantation)	100	50.0
4.	Occupational Health Measures Provision of PPE, First Aid and other miscellaneous expenditure.	-	1.0
5.	Corpus fund as per “Guidelines on Implementing Liabilities for Environmental Damages due to Handling & Disposal of Hazardous Waste and Penalty “	Insurance Policy/ corpus fund.	Premium of insurance policy
Total		Rs. 100 Lacs	Rs. 55 Lacs

- xvii. ToR obtained from Ministry on 23rd January 2023.
- xviii. The total cost of the expansion project is estimated Rs. 2989.19 Lacs.
- xix. Employment potential - 150 persons are in the Construction phase and persons are in the Operation phase and in addition to existing employee.
- xx. Benefits of the project:

- Common Hazardous Waste Treatment, Storage and Disposal facility would minimize the risk involved in hazardous waste management by way of transportation of waste in dedicated vehicle with manifest system, tracking the movement by GPS and treatment of Hazardous waste to meet desired standard before disposal and regular monitoring of such facility would be better and feasible option as compared to captive facilities by individual industries.
- For the proposed expansion of TSDF, there will be employment opportunities for about 170 persons (Construction & 20 additional during Operational phase)
- The project will have positive environmental impacts by collection and disposal the hazardous waste in the scientific manner that will reduce health hazard.

5. The EAC noted that the Environmental Clearance was obtained from SEIAA, Gujarat vide letter No. SEIAA/GUJ/EC/7(d)/227/2013 dated 22.07.2013 for setting up of Common Hazardous Waste Treatment, Disposal, Storage and Disposal facility (TSDF) and Multiple Effect Evaporator (MEE) Plant. Subsequently, in the year 2018, project proponent obtained EC from the Ministry on 19.12.2018 for installing two Incinerators having capacity approx. 12 million Kcal/hr each and capacity enhancement of Secured Landfill Facility (SLF) by 5 Lacs MT within the existing TSDF site. Thereafter, project proponent changed the company name from M/s Bharuch Enviro Infrastructure Limited to M/s BEIL Infrastructure Limited and obtained EC transfer (name change) on 18.09.2020. The EAC also examined the Certified Compliance Report in length and found it satisfactory.

6. Based on the clarifications provided by the Project Proponent and detailed discussions held in the matter the EAC recommended the grant of environmental clearance to the project subject to the specific conditions and other Standard EC Conditions as specified by the Ministry vide OM dated 04.01.2019 for the said

project/activity.

7. Based on recommendations of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance for Capacity enhancement of SLF 19 lakh MT to 42.86 Lakh MT in existing Common hazardous waste treatment Storage, Disposal Facilities (TSDF) at plot number D-43, Dahej Industrial Estate, Tal Vagra, Dist. Bharuch, Gujrat proposed by M/s BEIL Infrastructure Limited, under the provisions of the EIA Notification, 2006 and amendments/circulars issued thereon, and subject to the specific and standard conditions (Annexure 1).

8. This issues with approval of the Competent Authority.

Copy To

1. Principal Secretary, Forests & Environment Department, Government of Gujarat, Block14, 8thfloor, Sachivalaya, Gandhinagar-382 010, Gujarat.
2. The IGF (Central), Ministry of Environment, Forest and Climate Change, Regional Office, A-407 & A-409, Aranya Bhawan, Near CH-3 Circle, Sectot -10A, Gandhinagar – 382010.
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 – 382 010.
5. Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
6. Guard File/ Record File/ Notice Board/MoEF&CC website.

Annexure 1

Specific EC Conditions for (Common hazardous waste treatment, storage and disposal facilities (TSDFs))

1. Specific Conditions

S. No	EC Conditions
1.1	Stack emission levels should be more stringent than the existing standards in terms of the identified critical pollutants.
1.2	Effective fugitive emission control measures should be implemented.
1.3	Proponent should use cleaner fuel. Use of pet coke/furnace oils/LSHS should be avoided.
1.4	Unit shall provide green belt of 40% of the plot area along with development of a wide and effective green belt outside the project premises in adjacent areas through social forestry.
1.5	Unit shall provide wall to wall carpeting in vehicle movement areas within the premises to avoid dusting.
1.6	The unit shall adhere to sector-specific guidelines/SOP published by SPCB/CPCB from time to time.
1.7	The proponent should ensure that the project fulfills all the provisions of Hazardous and other Wastes (Management and Trans-boundary Movement) Rules, 2016 and the 'Protocol for Performance Evaluation and Monitoring' for the same as published by the CPCB including collection, transportation, design etc.
1.8	Guidelines for Secured Landfill issued by CPCB shall be followed.

S. No	EC Conditions
1.9	Necessary provision shall be made for fire-fighting facilities within the complex.
1.10	Project proponent should prepare and implement an on-site Emergency Management Plan a copy of which should be submitted to the SPCB before the plant is made operational.
1.11	Employees shall be provided work specific PPE such as helmets, safety shoes, masks etc.
1.12	Project proponent should develop green belt all along the periphery of the TSDF with plant species suitable for air pollution abatement in consultation with the state forest department. The total green area of 51354 m ² shall be maintained as proposed.
1.13	Fresh water requirement shall not exceed 1077 KLD water (after expansion) will be required during operational phase. Abstraction of ground water shall be subject to the permission of Central Ground Water Authority (CGWA).
1.14	Gas generated in the Landfill should be properly collected, monitored and flared.
1.15	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 (SPCB)/CPCB. Trend analysis of ground water quality shall be carried out for each season and information shall be submitted to the SPCB and the Regional Office of MoEF&CC.
1.16	The depth of the landfill site shall be decided based on the ground water table at the site in order to ensure the contents of the landfill are never able to contaminate the ground water.
1.17	Project proponent shall ensure proper handling of all spillages by introducing spill control procedures for various chemicals.
1.18	As committed the estimated wastewater of 1,274.5 KLD (16 KLD-Domestic + 1258.5 KLD-Effluent) will be treated and recycled within the premises as committed. Toxicity Characteristic Leaching Procedure (TCLP) test should be performed on leachates regularly.
1.19	Rain water runoff from the landfill area and other hazardous waste management area shall be collected and treated as per the norms.
1.20	The project proponent shall install continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 and be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
1.21	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.
1.22	No non-hazardous wastes, as defined under the Hazardous and Other Wastes (Management and Trans-boundary Movement) Rules, 2016, shall be handled in the premises. The solid wastes shall be segregated, managed and disposed as per the norms of the Solid Waste Management Rules, 2016. A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the MSW generated from project.

S. No	EC Conditions
1.23	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 Trans-boundary Movement) Rules, 2016 to prevent unwanted access.
1.24	Traffic congestion near the entry and exit points from the roads adjoining the project site shall be avoided. Parking should be fully internalized and no public space should be utilized.
1.25	A detailed traffic management & decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 2 km radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 2 km radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the PWD/Competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.
1.26	The Environmental Clearance to the project is primarily under provisions of EIA Notification, 2006. The Project Proponent is under obligation to obtain approvals/clearances under any other Acts/Regulations or Statutes as applicable to the project.

Standard EC Conditions for (Common hazardous waste treatment, storage and disposal facilities (TSDFs))

1 Statutory compliance

S. No	EC Conditions
1.1	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.
1.2	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
1.3	If applicable, the project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report (in case of the presence of schedule-I species in the study area)
1.4	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
1.5	The Project proponent should ensure that the TSDF fulfils all the provisions of Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016.
1.6	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

S. No	EC Conditions
	facilities' published by the CPCB in May, 2010.
1.7	Incinerator shall be designed as per CPCB guidelines. Energy shall be recovered from incinerator.
1.8	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
1.9	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
1.10	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities

2 Air quality monitoring and preservation

S. No	EC Conditions
2.1	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2.2	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986.
2.3	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120°each), covering upwind and downwind directions.
2.4	Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions.
2.5	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
2.6	Appropriate Air Pollution Control (As proposed, air pollution control device viz. gas quencher; treatment with mixture of hydrated lime and activated powder for adsorption of partial acidity and VOCs (if any); bag filter/ESP for removal of particulate matter; venturi scrubber followed by packed bed scrubber with caustic circulation to neutralize the acidic vapours in flue gas; and demister column for arresting water carry over will be provided to the incinerator) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.

S. No	EC Conditions
2.7	The periodical monitoring of Dioxins and Furans in the Stack emissions shall be carried out. Analysis of Dioxins and Furans shall be done through CSIR-National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram or equivalent NABL Accredited laboratory
2.8	Gas generated in the Land fill should be properly collected, monitored and flared
2.9	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 02 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 02 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

3 Water quality monitoring and preservation:

S. No	EC Conditions
3.1	The project proponent shall install continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
3.2	Sufficient number of Piezometer wells shall be installed in and around the project site to monitor the ground water quality in consultation with the State Pollution Control Board / CPCB. Trend analysis of ground water quality shall be carried out each season and information shall be submitted to the SPCB and the Regional Office of MoEF&CC.
3.3	The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
3.4	No discharge in nearby river(s)/pond(s).
3.5	The depth of the land fill site shall be decided based on the ground water table at the site.
3.6	The Company shall ensure proper handling of all spillages by introducing spill control procedures for various chemicals.
3.7	All leachates arising from premises should be collected and treated in the ETP followed by RO. RO rejects shall be evaporated in MEE. Toxicity Characteristic Leaching Procedure (TCLP) test to be performed on leachates.
3.8	The Company shall review the unit operations provided for the treatment of effluents, specially the sequencing of MEE after tertiary treatment, the source of permeate when no R.O. is recommended

S. No	EC Conditions
	and the treatment of MEE condensate. The scheme for treatment of effluents shall be as permitted by the Pollution Control Board/Committee under the provisions of consent to establish.
3.9	Scrubber water, leachate water or wheel wash effluent shall be treated in the effluent treatment plant followed by RO to achieve zero liquid discharge.
3.10	Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water.
3.11	Sewage Treatment Plant shall be provided to treat the wastewater generated from the project. Treated water shall be reused within the project.
3.12	A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point should be obtained.
3.13	Rain water runoff from hazardous waste storage area shall be collected and treated in the effluent treatment plant.

4 Noise monitoring and prevention

S. No	EC Conditions
4.1	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
4.2	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
4.3	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

5 Energy Conservation measures

S. No	EC Conditions
5.1	Energy conservation measures like installation of LED/CFLs/TFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning.

6 Waste management

S. No	EC Conditions
6.1	The TSDF should only handle the waste generated from the member units.
6.2	Periodical soil monitoring to check the contamination in and around the site shall be carried out.

S. No	EC Conditions
6.3	No non-hazardous wastes, as defined under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, shall be handled in the premises.
6.4	The Project proponent shall not store the Hazardous Wastes more than the quantity that has been permitted by the CPCB/SPCB.
6.5	The solid wastes shall be segregated, managed and disposed as per the norms of the Solid Waste Management Rules, 2016.
6.6	A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.
6.7	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.

7 Green Belt

S. No	EC Conditions
7.1	Green belt shall be developed in an area as provided in project details, with native tree species in accordance with Forest Department. The greenbelt shall inter alia cover the entire periphery of the project site.
7.2	Top soil shall be separately stored and used in the development of green belt.

8 Public hearing and Human health issues

S. No	EC Conditions
8.1	Traffic congestion near the entry and exit points from the roads adjoining the project site shall be avoided. Parking should be fully internalized and no public space should be utilized.
8.2	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
8.3	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
8.4	Occupational health surveillance of the workers shall be done on a regular basis.

9 Miscellaneous

S. No	EC Conditions
9.1	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
9.2	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
9.3	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
9.4	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
9.5	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms /conditions and/or shareholder's/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
9.6	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
9.7	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
9.8	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
9.9	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
9.10	The criteria pollutant levels namely; PM2.5, PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
9.11	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the

S. No	EC Conditions
	land development work and start of production operation by the project.
9.12	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
9.13	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
9.14	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
9.15	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
9.16	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
9.17	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
9.18	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
9.19	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts/NGT and any other Court of Law relating to the subject matter.
9.20	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Additional EC Conditions

N/A



सत्यमेव जयते

File No.: 10-43/2016-IA-III
Government of India
Ministry of Environment, Forest and Climate Change
IA Division



Dated 19/02/2024



To,

Bhupendra D. Dalwadi
BEIL INFRASTRUCTURE LIMITED
Plot 9701-9716 GIDC Industrial Estate, Ankleshwar, Distt. Bharuch, Gujarat -393002, Plot 9701-9716
GIDC Industrial Estate, Ankleshwar,, BHARUCH, GUJARAT, 393002
dalwadibd@beil.co.in

Subject: Capacity enhancement of Secured Land Fill (SFL) from 19 lakh MT to 42.86 Lakh MT in existing Common hazardous waste treatment Storage, Disposal Facilities (TSDF) at Plot No. D-43, Dahej Industrial Estate, Tal Vagra, Dist. Bharuch, Gujrat proposed by M/s BEIL Infrastructure Limited - Amendment in Environment Clearance- reg.

Sir/Madam,

This is in reference to your application submitted to MoEF&CC vide proposal number IA/GJ/INFRA2/451965/2023 dated 23/11/2023 for grant of an amendment in prior Environmental Clearance (EC) to the project under the provision of the EIA Notification 2006-and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC23A3201GJ5827331A
(ii) File No.	10-43/2016-IA-III
(iii) Clearance Type	Amendment in EC
(iv) Category	A
(v) Schedule No./ Project Activity	7(d) Common hazardous waste treatment, storage and disposal facilities (TSDFs)
(vi) Sector	INFRA-2 Capacity enhancement of SLF 19 lakh MT to 42.86 Lakh MT in existing Common hazardous waste treatment Storage, Disposal Facilities (TSDF) at plot number D-43, Dahej Industrial Estate, Tal Vagra, Dist. Bharuch, Gujrat proposed by M/s BEIL Infrastructure Limited
(vii) Name of Project	
(viii) Location of Project (District, State)	BHARUCH, GUJARAT
(ix) Issuing Authority	MoEF&CC

(x) EC Date	05/02/2024
(xi) Applicability of General Conditions	NO
(xiii) Status of implementation of the project	

3. The project/activity is covered under the category 'A' of item 7(d) 'Common hazardous waste treatment, storage, and disposal facilities (TSDFs)' of the Schedule to the EIA Notification, 2006as amended and requires appraisal at the Central level.

4. Accordingly, the above-mentioned proposal for amendment in Environmental Clearance dated 09.11.2023 has been examined by the EAC (Infra-2) in its 116th meeting held on 03.01.2024.

5. The project was earlier granted Environmental Clearance by the Ministry vide letter number 10-43/2016-IA-III dated 09.11.2023 Capacity enhancement of SLF 19 lakh MT to 42.86 Lakh MT in existing Common hazardous waste treatment Storage, Disposal Facilities (TSDF) at plot number D-43, Dahej Industrial Estate, Tal Vagra, Dist. Bharuch, Gujrat. Now the project proponent has requested for following amendments in EC dated 09.11.2023.

Sl. No.	As per the EC Letter dated 09.11.2023	Proposed Amendment
1	Page No. 6; Para No. 4 Specific Conditions no. 1.12. Project proponent should develop green belt all along the periphery of the TSDF with plant species suitable for air pollution abatement in consultation with the state forest department. The total green area of 51,354 m ² shall be maintained as proposed.	Project proponent should develop green belt all along the periphery of the TSDF with plant species suitable for air pollution abatement in consultation with the state forest department. The total green area of 50830.53 sq. m. shall be maintained at the project site as proposed.
2	Page No. 9; Para No. 10 Water quality monitoring and preservation: 3.7. All leachates arising from premises should be collected and treated in the ETP followed by RO. RO rejects shall be evaporated in MEE. Toxicity Characteristic Leaching Procedure (TCLP) test to be performed on leachates.	All leachates arising from premises should be collected and treated in the Multiple Effect Evaporator (MEE) plants at site and the condensate shall be treated in the ETP followed by RO. RO rejects shall be evaporated in MEE. Toxicity Characteristic Leaching Procedure(TCLP) test to be performed on leachates.
3	Page No. 10; Para No. 2 Water quality monitoring and preservation: 3.9. Scrubber water, leachate water or wheel wash effluent shall be treated in the effluent treatment plant followed by RO to achieve zero liquid discharge.	Scrubber water, leachate water or wheel wash effluent shall be treated in the Multiple Effect Evaporator (MEE) plant at site and the condensate shall be treated in the ETP followed by RO system to achieve zero liquid discharge.

6. The EAC (Infra-2), based on information and clarifications provided by the project proponent and detailed discussions held on the related issues, has recommended amending the environmental clearance granted vide letter number 10-43/2016-IA-III dated 09.11.2023 to the extent of project parameters as mentioned in the tables under para 4(ii) above. Further, the EAC (infra-2) noted that all other terms and conditions, as specified in the EC letter issued vide F. No. 10-43/2016-IA-III dated 09.11.2023 shall remain unchanged.

7. Based on recommendations of EAC (Infra-2), the Ministry of Environment, Forest and Climate Change hereby issues the amendment in EC granted vide letter dated 09.11.2023, to the extent of project parameters as mentioned in the table given at para 5 above. All other terms and conditions, as specified in the EC letter dated 09.11.2023 shall remain unchanged.

8. This issues with the approval of the Competent Authority.

Copy To

1. Principal Secretary, Forests & Environment Department, Government of Gujarat, Block 14, 8th floor, Sachivalaya, Gandhinagar-382 010, Gujarat.
2. The IGF (Central), Ministry of Environment, Forest and Climate Change, Regional Office, A-407 & A-409, Aranya

Bhawan, Near CH-3 Circle, Sector -10A, Gandhinagar – 382010.

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 – 382 010.
5. Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
6. Guard File/ Record File/ Notice Board/MoEF&CC website.

Annexure 1

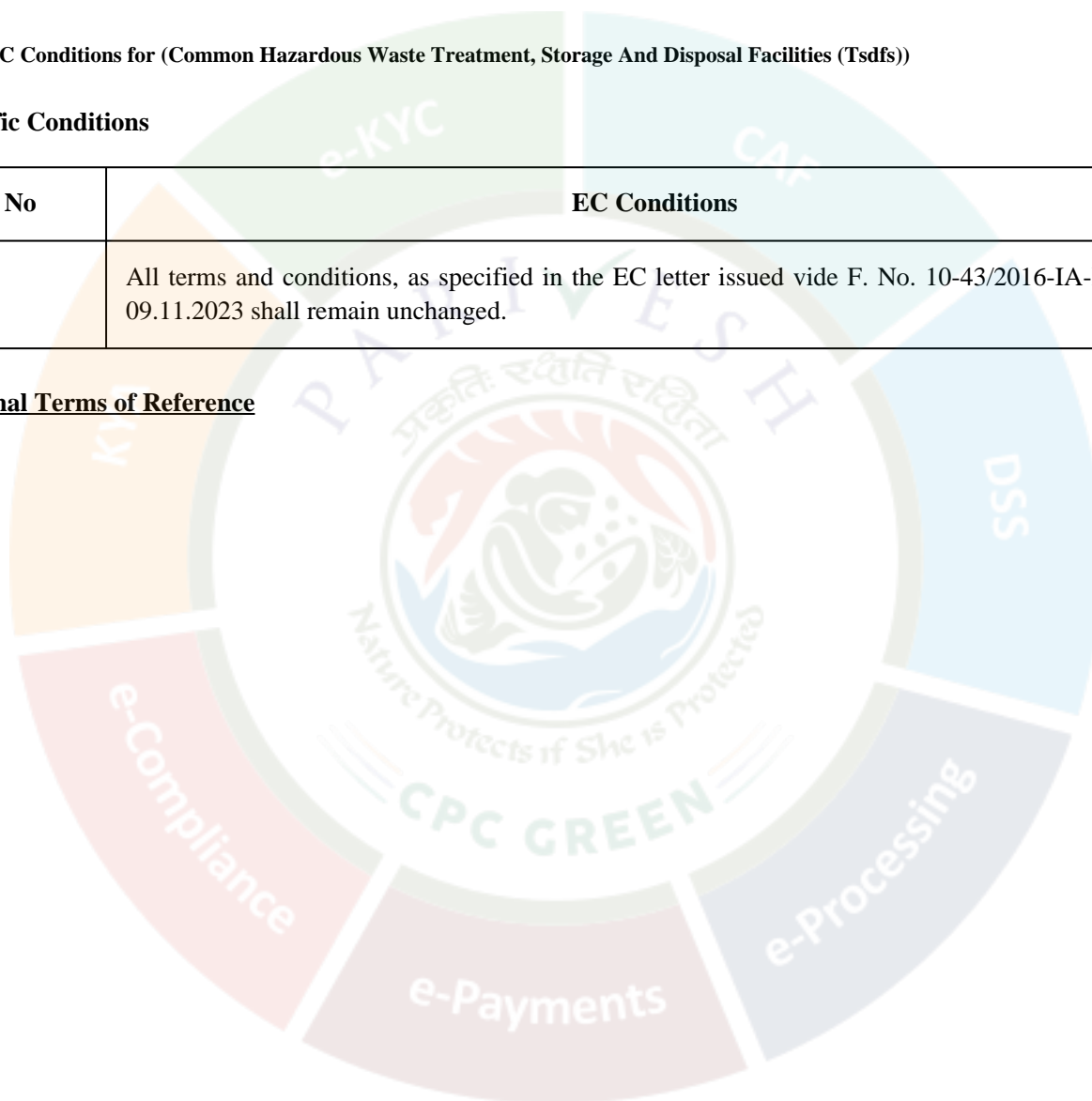
Specific EC Conditions for (Common Hazardous Waste Treatment, Storage And Disposal Facilities (Tsdfs))

1. Specific Conditions

S. No	EC Conditions
1.1	All terms and conditions, as specified in the EC letter issued vide F. No. 10-43/2016-IA-III dated 09.11.2023 shall remain unchanged.

Additional Terms of Reference

N/A





BUREAU
VERITAS

Bureau Veritas Certification

Annexure 21

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 organisation has been audited and found to be in accordance with the requirements of the Management System Standards detailed below.

Standards

ISO 14001:2015 & ISO 45001:2018

Scope of certification

OPERATION & MAINTENANCE OF HAZARDOUS WASTE TREATMENT, STORAGE AND DISPOSAL FACILITY (SECURE LANDFILL, MEE & INCINERATION WITH DRUM DECONTAMINATION) 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: **21 June 2025**

Subject to the continued satisfactory operation of the organisation's Management System, this certificate is valid until: **25 June 2028**

Certificate No. **IND.25.282/IM/U**

Version: 1

Issue date: **21 June 2025**

**Signed on behalf of BVCH SAS UK Branch
Dr. JN MANIAN
Director – CERTIFICATION, South Asia
Commodities, Industry & Facilities Division**

For certificate authenticity, click here
<https://certcheck.ukas.com/>

ISO 14001	IN051260
ISO 45001	IN051261



0008

Certification body address: 5th Floor, 100 Lower Thames Street, London, EC3R 6DL, United Kingdom.

Local office: Bureau Veritas (India) Private Limited (Certification Business)
72 Business Park, Marol Industrial Area, MIDC Cross Road "C",
Andheri (East), Mumbai – 400 093, India.

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation.
To check this certificate validity please call + 91 22 6274 2000.



Annexure 22 o/c



BEIL INFRASTRUCTURE LIMITED

(formerly known as Bharuch Enviro Infrastructure Limited)

Unit - Dahej

Ref.: BEIL/DHJ/2025-26/10

Date: 19.05.2025

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 EC compliance status of Environmental clearance for facilities at Dahej by M/s.BEIL Infrastructure Limited for the period October'2024 to March'2025.

- 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.
3. Environmental Clearance F.No.10-43/2016-IA-III dated 09th November 2023 for capacity enhancement of SLF 19 lakh Mt to 42.86 lakh MT in existing common hazardous waste Treatment, Storage, Disposal facilities (TSDF).

Dear Sir,

BEIL is operating a TSDF facility consisting of a Secured Landfill 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 is an ISO 14001:2015 and ISO 45001:2018 certified unit.

We are submitting here with the half yearly Compliance status report of all the above-mentioned Environment Clearances for period October'2024 to March'2025. 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, the Incinerator plant is installed and started from October-2022. We obtained the CTE-136912 for the landfill capacity enhancement from 19 lakh MT to 42.86 lakh MT and also started the construction activity.

Landfillable Hazardous waste details are as below:

Landfillable Waste received (During 01.10.2024 to 31.03.2025)	1,96,225.670 MT
Cumulative quantity disposed in landfill from the beginning (up to 30.09.2024)	17,70,941.023

Bharuch 27/5/25
Post Received

Gujarat Pollution Control Board

BHARUCH.

CIN NO. U45300GJ1997PLC032696

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

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

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

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



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

Incinerable waste details are as follows:

Period	Incinerable Waste Receipt Quantity	Incinerated Waste Quantity
During 01.10.2024 to 31.03.2025	9970.682 MT	6376.086MT
Cumulative up to 31.03.2025	35,903.262 MT	31972.205 MT

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

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



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.

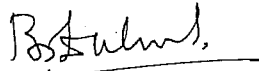
We would like to submit the following information in compliance to Point No.64 & 70 of the said Environment Clearance.

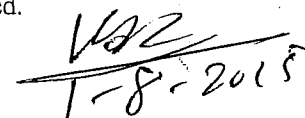
- | | | |
|--|---|----------------------------|
| 1. Date of Application for loan | : | 24.10.2013 |
| 2. Financial Closure (Date of Sanction of Loan) | : | 07.03.2014 (Copy Attached) |
| 3. Drawings Approved by IIT, Delhi on | : | 21.10.2013 (Copy Attached) |
| 4. Land Development and construction work 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


1-8-2015
Post Received
Gujarat Pollution Control Board
BHARUCH

C.C: (1) State Level Environment Impact Assessment Authority
Gujarat Pollution Control Board,
"Paryavaran Bhavan" Sector 10-A,
Gandhinagar - 382010.

(2) Mr. K. C. Mistry - Sr. Environment Engineer, GPCB, Gandhinagar

(3) The Regional Officer, GPCB, Bharuch

CIN No.: U45300GJ1997PLC032696

Works Office : Plot No. 9701-16 GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)
Phones (02646) 253135, 225228 • Fax : (02646) 222849 • E-mail : panjwanla@uniphos.com
Regd. Office : Plot No. 117-118, GIDC Estate, Ankleshwar 393 002, Dist.: Bharuch. (Gujarat)

EC

Annexure 24

STATE LEVEL ENVIRONMENT
IMPACT ASSESSMENT
AUTHORITY
GUJARAT



Government of Gujarat

A.A.DOLTI
MEMBER SECRETARY
SEIAA (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, Parvash 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.	
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Office : Gujarat Pollution Control Board, "Paryavaran Bhavan" Sector-10 A, Gandhinagar-382010

Page 5 of 5

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આંતરરાષ્ટ્રીય અલ્પસંખ્યક અધિકાર દિવસની ઉજવણી



આંતરરાષ્ટ્રીય અલ્પસંખ્યક અધિકાર દિવસને ગાંધીનગર સેક્ટર ૬ માં આવેલ સત્યાગ્રહ છાવણીમાં મોટી સંખ્યામાં રાજ્યમાંથી લઘુમતી અગ્રણીઓ ઉમટી પડ્યા હતા. વિશેષ દિવસે ગુજરાતના ૧૧.૫ લઘુમતી સમાજના વિકાસ, રક્ષણ અને મૂળભૂત માંગો માટે ગુજરાતમાં પહેલીવાર અધિકાર દિવસના અવસરે વિધાન સભા કાર્યક્રમના અનુસંધાને સત્યાગ્રહ છાવણીમાં જનસભાનું આયોજન કરવામાં આવ્યું હતું. લઘુમતીઓના ઉત્થાન માટે કોઈજ જોગવાઈ નથી. ગુજરાતમાં અલ્પસંખ્યકો માટે કાર્ય મંત્રાલય, લઘુમતી આયોગ, રાજ્યના બજેટમાં કોઈજ નાણાકીય જોગવાઈ નથી. જેના કારણે ૧૧.૫% લઘુમતીઓનો વિકાસ રૂંધાઈ રહ્યો હોવાનું જણાવ્યું હતું. કાર્યક્રમ ઓલ ઇન્ડિયા ઉલેમાં બોર્ડ પ્રમુખ યુસુફખાન પઠાણ, ખ્રિસ્તી આગેવાન કિરીટભાઈ પેરેરા, શીખ આગેવાન રવિંદરસિંગ બઘ્યા, રજની

હાથ નેખા દરવાજો ખોલતા અંદર જગદીશ ચાવડાનો પલંગ ઉપરજ વિકૃત હાલતમાં મૃતદેહ નજરે પડ્યો હતો. પોલીસે બનાવની જાણ તેમના ધર્મપત્ની કરી મૃતદેહને પોસ્ટમોર્ટમ અર્થે સિવિલ હોસ્પિટલ ખાતે ખસેડી તેમનું મૃત્યું ક્યાં સંજોગોમાં થયું તેની વિગતો મેળવવા કવાયત હાથ ધરી છે. પ્રાથમિક તબકકે હૃદયરોગનો હુમલો આવતાં તેમનું મોત થયું હોવાનું અનુમાન લગાવાઈ રહ્યું છે. મુલેર ONGC કંપનીમાંથી...

એક યુવાનનો મૃતદેહ મળી આવ્યો હતો. જોકે યુવાનના બન્ને કાન કાપી નખાયેલાં તેમજ આંખ ફોડી નાંખવામાં આવી હતી. ઉપરાંત તેના બન્ને પગની ઘુંટીથી આખો પંજો કોઈ હથિયાર વડે કાપી નખાયેલો હતો. ઘટનાની વાત વાયુ વેગે કંપની સંકુલ તેમજ આસપાસના વિસ્તારમાં પ્રસરી જતાં ચક્ર્યાર જાગી હતી. જોકે ઘટનાની જાણ થતા પોલીસ કાફલો તુરંત સ્થળ પર દોડી આવ્યો હતો. પોલીસે

મોબાઈલ શોપમાંથી દિવાળીના સમય દરમિયાન 1,47,913 રૂપિયાની ઉધરાણી કરી હતી. તેમજ અન્ય મોબાઈલ જે તે દુકાનના ઓર્ડર મુજબ પહોંચાડ્યા નહોતા. અને અન્ય 27 હજાર રૂપિયા રોકડા મળી કુલ રૂપિયા 1,75,619 લઈને મોહિત રાજ ફરાર થઈ ગયો હતો. જે તારીખ 13 મી નવેમ્બરના રોજ એજન્સી ઉપર પરત નહોતો આવ્યો. બાદમાં પણ તેનો કોઈજ પત્તો લાગ્યો નહોતો. અંતે એજન્સી સંચાલકની ફરિયાદ આધારે શહેર પોલીસએ તપાસ આરંભી હતી અને ગણતરીના કલાકો મોહિત રાજને ઝડપી પાડ્યો હતો અને તેની પાસે મુદ્દામાલ રિકવર કરવા માટે રિમાન્ડની તજવીજ આરંભી હતી.

પેજ-4નું અનુસંધાન...

શિયાળામાં સંકટ :... નુકશાન થઈ રહ્યું છે જ્યારે નગરપાલિકાને શહેરમાં માત્ર એક

રાજપારડીમાં મહિલાઓ માટે વ્યવસાયિક શિબિર યોજાઈ



રાજપારડી ગામે અનંત સુખરામજી ટ્રસ્ટ તેમજ નેહરૂ યુવા કેન્દ્રના સંયુક્ત ઉપક્રમે નિશુલ્ક વ્યવસાયિક પ્રશિક્ષણ શિબિરનું આયોજન કરાયું હતું. જેમાં 100 ઉપરાંત લોકોએ હાજરી આપી હતી. વિજય ભારતી સંસ્થાના પ્રમુખ રતિલાલ રોહિત તેમજ ટ્રસ્ટના સંજીવ અગ્રવાલે ઉપસ્થિત લોકોને ભારત સરકાર દ્વારા ચલાવાતી યોજનાઓ તથા DIC,BSVS, બેંકો તેમજ નાબાર્ડ દ્વારા ચલાવાતી યોજનાઓની માહિતી આપી હતી. શિબિરમાં ટ્રેનિંગ, ઉત્પાદન, તેમજ માર્કેટિંગ વ્યવસ્થાની ગોઠવણ કરી રીતે કરાય તે બાબતે લોકોને સમજણ અપાય હતી.

દિવાલર શુકલનો હાસ્ય કાર્યક્રમ યોજાયો



જ્યારે નગરપાલિકા દ્વારા શહેરમાં એક ટાઈમ 45 મિનિટ સુધી પાણી અપાઈ રહ્યું છે. જીઆઈડીસી અને નગરપાલિકાના તળાવોમાં અંદાજે 30 દિવસ જેટલું પાણી સંગ્રહાયેલું છે. ત્યારબાદ જળસંકટ વધુ કપરૂ બને તેવા ઝેંધાણ વર્તાઈ રહ્યાં છે. મોબાઇલ ગેમ્સના... નાના શહેરમાં અમેરિકાનું ગન કલ્ચર પ્રવેશી રહ્યું હોય તેમ લાગી રહ્યું છે. વર્તમાન ટેકનોલોજી અને તેમના પણ મોબાઈલ ગેમ્સના કારણે બાળકો ડીસા તરફ દોરાઈને હથિયારો રાખવા પ્રેરાતા હોવાનો મત તજજ્ઞોએ વ્યક્ત કર્યો છે. યુવાનના ઘરમાં... ઉચ્ચારવાનું શરૂ કરી દીધું હતું. જેના પગલે તેમની વચ્ચે ઉગ્ર બોલાચાલી થતાં તેઓએ તેને માર મારી ઈજાઓ પહોંચાડી હતી. સોસાયટીના લોકોએ દોડી આવી તેમને છોડાવતાં મનિન્દરસિંગને પકડવા જતાં તેના હાથમાંથી

રાજપારડીની શાળામાં પંચકુંડી મહાયજ્ઞ યોજાયો



રાજપારડીની પાણીની પ્રજ્ઞા પરબ શાળા ખાતેના પટાંગણમાં ટ્રસ્ટી મંડળ દ્વારા તેમજ ગાયત્રી પરિવારના સભ્યોના માર્ગદર્શન હેઠળ પંચકુંડી ગાયત્રી મહાયજ્ઞનું આયોજન કરાયું હતું. કાર્યક્રમમાં શ્લોક તેમજ ગુરૂજીના દિવ્ય વચનો દ્વારા ભક્તિમયી વાતાવરણ સર્જાયું હતું. શાળામાં આયોજીત કાર્યક્રમમાં મોટી સંખ્યામાં છાત્રો સાથે વાલીઓએ હાજરી આપીને કાર્યક્રમનો લાભ લીધો હતો.

આદર્શ એજ્યુકેશન કેમ્પસ ખાતે ગીતા જયંતીની ઉજવણી



આદર્શ વિદ્યાલય - આદર્શકેર સ્કૂલ લુણાવાડા ખાતે ઉપરાંત જાહરમા ગદકી ફલાવેનાર શંકા આધારે 41630 રૂપિયાનો તત્વો સામે પણ કાર્યવાહી કરતા 500 રૂપિયાનો દડ ફટકાર્યો હતો. ભરૂચા CBRએ... પી.એસ.આઈ એ.એસ. ચૌહાણ અને વાય.જી.ગઢવી દ્વારા વાહન ચોરી અને મિલકત સંબંધિત ગુનાના ઈચાર્જ

જાહેર સુચના (પર્યાવરણીય મંજૂરી) આ સાથે જણાવવામાં આવે છે કે મિનિસ્ટ્રિ ઓફ એન્વાયરમેન્ટ, ફોરેસ્ટ એન્ડ ક્લાયમેટ ચેન્જ (IA, III section) ઇન્સ્ટિટ્યુટ પર્યાવરણ ભવન, જોર બાગ રોડ, નવી દિલ્હી-૩, દ્વારા ભરૂચ એન્વાયરમેન્ટ ઇન્ફોર્મેશન સિમીટેડ, પ્લોટ નં. ડી-૪૩, દહેજ ઇન્ડસ્ટ્રીયલ એસ્ટેટ, તાલુકા: વાગરા, જિલ્લો: ભરૂચ, (ગુજરાત) ખાતે બે ઇન્સ્ટીટ્યુટ તથા હાલ ની લેન્ડફીલ સુવિધાની ક્ષમતામાં સૂચીત વધારો કરવા માટેની પર્યાવરણીય મંજૂરી ક્રમાંક F. No. 10-43/2016-IA-III તારીખ ૧૯/૧૨/૨૦૧૮ દ્વારા ઇ.આઈ.એ. નોટીફિકેશન તારીખ ૧૪ મી સપ્ટેમ્બર, ૨૦૦૬ જોગવાઈ હેઠળ આપેલ છે, જે અમને તા. ૨૦-૧૨-૨૦૧૮ ના રોજ વેબસાઈટ દ્વારા મળેલ છે. કલીચરન્સ પત્રની નકલ ગુજરાત પોલ્યુશન કંટ્રોલ બોર્ડ ની ઓફીસ પર તથા મિનિસ્ટ્રિ ઓફ એન્વાયરમેન્ટ, ફોરેસ્ટ એન્ડ ક્લાયમેટ ચેન્જની વેબસાઈટ (http://www.envfor.nic.in) ઉપર ઉપલબ્ધ છે. તારીખ : ૨૦-૧૨-૨૦૧૮ બી. ડી. દલવાડી (ચીફ એક્ઝીક્યુટીવ ઓફીસર)

શુકલતીર્થ ગામમાં સખીમંડળની બહેનોને રોજગારલક્ષી માહિતી અપાઈ



ભરૂચ તાલુકાના શુકલતીર્થ ગામમાં શિવશક્તિ એજ્યુકેશન એન્ડ ચેરીટેબલ ટ્રસ્ટના ઉપક્રમે સખી મંડળની બહેનો માટે રોજગારલક્ષી તાલીમ શિબિર યોજવામાં આવી હતી. જેમાં બરોડા સ્વરોજગાર વિકાસ સંસ્થાના ગોવિંદ પ્રજાપતિ, બેંક ઓફ બરોડાના મેનેજર નાયડુ, ખેતીવાડી અધિકારી ધીરજ, સરપંચ મંજુલાબેન વસાવા, ટ્રસ્ટના પ્રમુખ કામીનીબેન રાજ સહિતના મહેમાનો હાજર રહ્યાં હતાં. કાર્યક્રમમાં સરકારની વિવિધ યોજનાઓ તથા લોન અંગે માહિતી આપવામાં આવી હતી.

વિશ્વકર્મા વિરાટ સંઘના હોદ્દેદારોનું સન્માન તથા વરણી કરાઈ

વિશ્વકર્મા વિરાટ સંઘના હોદ્દેદારોનું સન્માન તથા વરણી કરાઈ. આ ઉપરાંત સવ નંબરવાળી જેટીની જમીન અંગેનું ટાઈટલ કલીચરન્સ સર્ટીફિકેટ અપીલુ. જેની આથી તમામ લાગતા વળગતાઓએ નોંધ લેવી. સરનામું : ૧, ઓ.કિષ્કા સોપાન, ઓરડા નં. ૧૯૫૦૦૧, ડીસ્ટ્રીક્ટ કોર્ટ બિલ્ડીંગ સામે, ભરૂચ. અમો મારફતે પ્રકાશ મોટી એડવોકેટ ફોન : ૨૬૬૫૭૭, મો. ૯૨૪૭૪૭૯૬૭૭, ૯૨૪૫૦૯૬૫૭૭

વિશ્વકર્મા વિરાટ સંઘના હોદ્દેદારોનું સન્માન તથા વરણી કરાઈ. આ ઉપરાંત સવ નંબરવાળી જેટીની જમીન અંગેનું ટાઈટલ કલીચરન્સ સર્ટીફિકેટ અપીલુ. જેની આથી તમામ લાગતા વળગતાઓએ નોંધ લેવી. સરનામું : ૧, ઓ.કિષ્કા સોપાન, ઓરડા નં. ૧૯૫૦૦૧, ડીસ્ટ્રીક્ટ કોર્ટ બિલ્ડીંગ સામે, ભરૂચ. અમો મારફતે પ્રકાશ મોટી એડવોકેટ ફોન : ૨૬૬૫૭૭, મો. ૯૨૪૭૪૭૯૬૭૭, ૯૨૪૫૦૯૬૫૭૭

Divya Bhaskar Newspaper date 21.12.2018

CBI arrests 10 for ₹9cr Nirav-like scam at PNB

Issued Fake LoUs From Bank Branch In Fort

Becca Samervel
timesgroup.com

Over two days, the
CBI arrested 10 persons, including
former Punjab Na-

made under the Maratha
stamp (IGR) is in the final
updating nearly 150TB data in
technology. Data from 2002 on-
ward in servers would soon be
moved to the cloud to ensure a "ser-
vice-free" operation, said an offi-
cial in the registration department.

They have decided on a Mahape-
ba service provider and our te-
am is working with its representatives
for the last two months. While we are
uploading the data is uploaded at the
server, several technical issues are
being resolved during the rollout of cloud technology,"
said Anil Kawade, state
general of registration and
the department is struggling
that all the data uploaded on
is checked for data security
and some hurdles on applica-
tion integration of data fronts,
the data of all the 36 districts
is loaded simultaneously, these
hurdles are being addressed
and a smooth system can be evol-

THE ₹13,000CR FRAUD

➤ Earlier this
year, CBI booked
diamondaire
Nirav Modi, his



wife Ami, brother
Nishal and uncle
Mehul Choksi in an
alleged ₹280-crore
cheating case acting
on the first Punjab National

others for the fraudulent issu-
ance of two LoUs to the tune of
Rs 9.09 crore favouring State
Bank of India branch in Ant-
werp. It was alleged that the Lo-
Us were fraudulently issued
without any sanctioned credit
limit to the company and also
no 110% margin (money to be
borne by the borrower) was
provided by the firm. "The ac-
cused without obtaining the re-
quired request application, do-

Hosp fire: Another dies, toll reaches 10

Mumbai: A 65-year-old man
on Thursday succumbed to
burns he had received in the
Mumbai hospital fire, bring-
ing the total number of people
killed in the tragedy to 10, an of-
ficial said. Besides, 116 injured
people, including some child-
ren and firemen, were under-
going treatment in seven hos-
pitals across the city, he said.

Kisan Naravade died at the
Holy Spirit Hospital in subur-
ban Andheri due to burn in-
juries. With this, the death toll in
the tragedy rose to 10, the offi-

ter management cell said.

He said 53 patients were so
far discharged.

The fire broke out in the go-
vernment-run ESIC Kamgar
Hospital at Marol in suburban
Andheri Monday, killing six
people that day.

The death toll rose to eight
Tuesday, with two more per-
sons dying in different hospi-
tals.

The 325-bed hospital did
not have the fire department's
no-objection certificate (NOC),
mandatory for such institutes

**Knead Atta Dough & Make Fresh Bread
The Most Hygienic Way**
with KENT Atta Maker & Bread Maker

Its programmable automatic mechanism makes soft
and fresh dough for chappatis, breads and a variety
of other dishes.

Makes
Fresh Breads
(Without
Preservatives)

Makes Dough
Without the Use
of Hands

Fully Automatic
Process

Times of India newspaper Date 21.12.2018

Citizen-friendly tech

➤ People will not have
to make rounds to the
department offices, thus
cutting down on time spent
on registration process

➤ With less human interface,
the process is expected to be
corruption free

➤ No technical snags or data
loss expected as was the case
with servers

need," said an official.

After the rollout of the cloud tech-
nology, delays at regis-
tration offices due to server problems
would be a thing of the past. Officials
hope for minimum human interface
and more use of technology, wherein
documents could be made available
with the click of a mouse.

Besides, ensuring smooth transac-
tions, the new technol-
ogy would save revenue. Servers of all
the departments in the state cost near-
ly Rs 100 crore per annum. The expen-
diture in cloud technology would be

need-based or data usage-based.

Government statistics reveal that
over one lakh documents are produced
daily. All these records have to be stored
in 75 centralised data centres. The ma-
intenance cost of this process is high.
Officials claimed that the government
had allocated Rs 100 crore for data cen-
tres and the corpus would be used now
for the cloud-based system.

Earlier, every department would
spend Rs 15-20 lakh a year for server
maintenance. Besides, the data cen-
tres had to operate 24 hours, irrespec-
tive of the usage.

જાહેર નોટીસ

આથી અમો શિવકુમાર જી. એચ. તેમજ શ્રીમતી લતા એસ. કુમાર, રહે
૪૦૧/૪૦૨ ગુણાતિત રેસીડન્સી નં. ૪, લાલબાગ સોસાયટી, માંજલપુર,
વડોદરાનાઓ હાલની જાહેર નોટીસ આપી જણાવીએ છીએ કે, અમારી પુત્રી
દેના એસ. કુમાર, રહેવાસી સદરનાઓની અમો બન્નેની કોઈપણ જાતની
રજા મંદિ વગર તેમજ અમોને કોઈપણ જાતની જાણકારી આપ્યા વગર કોઈક
ગ્રાહિત ઈસમની સાથે અમારી સંમતિ કે પરવાનગી વગર અમારુ ઘર છોડીને
અમારી મરજુ વગર ક્યાંક ચાલી ગયેલ છે. જેથી અમોએ તેની સાથેના તમામ
સંબંધોનો અંત આણેલ છે તેમજ અમારી તમામ સ્થાવર તેમજ જંગમ
મિલ્કતમાંથી તેનીને બેદખલ કરેલ છે અને આમ અમોએ તેનીની સાથેના
તમામ સંબંધોનો અંત આણેલ હોઈ કોઈપણ વ્યક્તિએ અમારા નામથી તેની
સાથે કોઈપણ પ્રકારનો રોકડ કે અન્ય વ્યવહાર કરવો નહીં અને જો કોઈ કરશે
તો તે અંગે અમારી કોઈ જ જવાબદારી રહેશે નહીં તે હાલની જાહેર નોટીસથી
જાહેર કરીએ છીએ.

તારીખ : ૧૯-૧૨-૨૦૧૮

સ્થળ : વડોદરા

રવાના અમારી મારફતે,

ઓ: સી/૮૦, રણછોડપાર્ક, વૃંદાવન
ચાર રસ્તા, વાઘોડીયા રોડ, વડોદરા.
મો.: ૯૮૨૫૦૪૩૦૮૮

અતુલ જે મિસ્ત્રી

(એડવોકેટ) ગુજરાત હાઈકોર્ટ

TIMES OF INDIA PUBLIC NOTICE 21/12/18 ENVIRONMENTAL CLEARANCE

It is hereby informed that the Ministry of Environment, Forest
and Climate change (IA, III Section), Indira Paryavaran
Bhawan, Jor Bagh Road, New Delhi - 3, has accorded
Environmental Clearance for Proposed installation of two
incinerators and Enhancement of capacity of Existing landfill
Facility at Common TSDF of M/s. Bharuch Enviro
Infrastructure Ltd. (BEIL) at Plot no. D-43, Dahej Industrial
Estate, Taluka -Vagara, Dist.: Bharuch (Gujarat) vide letter
No. F. No. 10-43/2016-IA-III dated 19/12/2018 under the
provision of EIA Notification dated 14th September 2006,
which we have received on 20/12/2018 through website.

Copies of Clearance letter are available at office of Gujarat
Pollution Control Board and on the website of MoEF&CC
(http://www.envfor.nic.in)

Date: 20/12/2018

B D Dalwadi
(CHIEF EXECUTIVE OFFICER)

After creating 100 fake sites, fraud trips into police trap

Tourists Fleeed In Advance Booking

UP TO NO GOOD

- Nitesh Tiwari (34) from Lucknow duped people in the name of advance booking
- Accused created over 100 fake websites and around 20 luxury resort hotels sites
- Tiwari was earlier working for Air Force, but was forced to resign because of wife's complaint



According to the police, Tiwari had joined the Air Force in 2008. He was working as an assistant meteorologist but had to leave his job in 2017 after his wife filed a complaint of extramarital affairs. Thereafter, he joined a company involved in google mapping and listing work.

Biker meets death in chasing truck

TIMES NEWS NETWORK

Ahmedabad: A rage-filled chase of a truck that overtook him ended fatally for a 25-year-old apparel store manager. Aaksh Gaur, a resident of D Cabin locality in Sabarmati, died at a private hospital on Thursday from serious head injuries he suffered after his motorcycle hit a cement slab and sent him flying into a nearby pit.

Fishing in troubled waters: Inventory reaches 1L-tonne

Nimesh Khakhariya @timesgroup.com

Rajkot: The slowdown in economy in China and the poor demand from European market have affected the fish exports from Gujarat in the current financial year. So much so, that the inventory of frozen fish has reached a size of above 1 lakh tonne. This is a double whammy for the exporters.

DOUBLE WHAMMY FOR EXPORTERS

- Gujarat exports seafood worth ₹5,000cr
- 50% of exports go to China
- 30% of exports go to European market
- Overall, exports down by 20% to 30%
- Exporters struggling with inventory of more than 1 lakh tonnes



East	114
Central	112

PUBLIC NOTICE
ENVIRONMENTAL CLEARANCE
It is hereby informed that the Ministry of Environment, Forest and Climate change (IA-III Section), Indra Paryavaran Bhawan, JorBagh Road, New Delhi - 110003, has accorded Environmental Clearance along with environmental conditions and safeguards for **Capacity enhancement of SLF 19 lakh MT to 42.86 Lakh MT** in existing Common hazardous waste treatment Storage, Disposal Facilities (TSDF) of M/s. **BEIL Infrastructure Ltd.** at plot number D-43, Dahej Industrial Estate, Tal Vagra, Dist. Bharuch, Gujrat vide letter No. F. No. 10-43/2016-IA-III dated 09/11/2023 under the provision of EIA Notification 2006, which we received on 09/11/2023 through the website. Copy of the Clearance letter is available on our website. Date: 10/11/2023
B D Dalwadi
(CHIEF EXECUTIVE OFFICER)

Sanitation worker enters sewer, dies

TIMES NEWS NETWORK

Rajkot: A sanitation worker died of asphyxiation while cleaning the sewer in Bhav Nagar on Friday. Another worker who also suffered breathlessness had to be hospitalized. The deceased was identified as Rajesh Vegad (47).

According to police, the incident occurred when Vegad and his colleague Su-

resh Garaniya (40) entered the sewer at the Central Salt and Marine Chemical Institute (CSMCRI). After entering the sewer, the workers collapsed. The authorities called the fire brigade who rushed to the spot and pulled out the two workers.

They were taken to a hospital where Vegad died during the treatment. Garaniya was under treatment at a private hospital.

Vatva and Pirana have also seen significant increases in PM10 levels, with values rising from 112 to 181 micrograms and 120 to 185 micrograms, respectively by March 2023. Road dust accounts for a major part of particulate pollution, with data showing it is the source of about 36% of this type of pollutant. Vehicles and industries are responsible for 34%, while construction contributes 16%.

From 2020, the city has received Rs 359.54 crore to control pollution. To curb pollution from construction sites, the AMC sealed 194 sites that did not have green nets between October 9 and November 5,



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imposing fines of Rs 5.9 crore. To address dust pollution at Pirana dump site, the AMC procured two mist machines and plans to install more at traffic junctions. We have undertaken remediation of legacy waste, with 93 lakh ton-

Permits of 3 sites in Gota cancelled

Ahmedabad: Development permits of three construction sites in Gota - Iridium infrastructure, the Empire building and Nityam Luxuria - were cancelled for violating pollution rules. They were also fined Rs 1.2 lakh for not having safety nets and anti-pollution nets. The civic body also issued notices to 427 properties for illegal parking in and near Bodakdev.

remediated since 2019," said a senior official who was at the meeting.

In line with the National Clean Air Programme (NCAP), the AMC has developed end-to-end pavements on 61 road stretches, covering

75km. Senior AMC officials advocate for white-topped roads as a method to curtail dust pollution. The AMC has also undertaken garden development on an area of 2.5 lakh square metres under the NCAP.



Annexure 26 LABORATORY TESTING REPORT

Report No.: VE/SE/2025/09/0012	Date: 25/09/2025		
URL No. -			
Name & Address of Customer	: M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra, District: Bharuch. Pin- 392130, Gujarat,		
Contact Person	: Mr. Kamalkant Raut		
Sample Collection Date	: 20/09/2025	Sampling Type	: Isokinetic Sampling
Sample Receipt Date	: 20/09/2025	Sample ID	: SE/2025/09/0012
Sampling Location	: Incinerator (Dioxin Furan)	Sample Description	: Stack Emission
Sample Collected / Submitted by	: VE Team	Protocol used for monitoring	: USEPA 23
Quantity / No. of Sample	: 1 No. of Thimble & Scrubbing absorbing Media/Each	Analysis Started On	: 20/09/2025
Packing / Seal	: Cap Seal	Analysis Completed On	: 25/09/2029
Type of Container	: Plastic Container	Format No.	: 7.8 F-06
Meteorological condition during monitoring	: Clear Sky	Sampling Duration (Minute)	: 360 Minute
Ambient Temperature °C	: 31	Stack Temperature °C	: 78
Oxygen content (%)	: 8.3	Stack pressure (mmH ₂ O)	: 7.1
Moisture (%)	: 11.9	Environmental Condition during the test	: 25°C ±3 °C

Dioxin Furan Analysis Results

Sr. No.	Congener	amount (ng)	I-TEF	I-TEQ (ng)
1.	2,3,7,8-TCDF	0.0082	0.1	0.00084
2.	2,3,7,8-TCDD	<0.0025	1	<0.0025
3.	1,2,3,7,8-PeCDF	0.0081	0.05/0.03	0.0003
4.	2,3,4,7,8-PeCDF	<0.0050	0.5/0.3	<0.0025
5.	1,2,3,7,8-PeCDD	<0.0050	0.5/1	<0.0025
6.	1,2,3,4,7,8-HxCDF	<0.0073	0.1	<0.00073
7.	1,2,3,6,7,8-HxCDF	<0.0063	0.1	<0.00063
8.	2,3,4,6,7,8-HxCDF	<0.0063	0.1	<0.00063
9.	1,2,3,7,8,9-HxCDF	<0.0063	0.1	<0.00063
10.	1,2,3,4,7,8-HxCDD	<0.0063	0.1	<0.00063


Verified By


Authorized Signatory

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GIDC Ankleshwar - 393002.

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Page No.: 1 of 2



LABORATORY TESTING REPORT

11.	1,2,3,6,7,8-HxCDD	0.012	0.1	0.0015
12.	1,2,3,7,8,9-HxCDD	<0.0063	0.1	<0.0063
13.	1,2,3,4,6,7,8-HpCDF	0.045	0.01	0.00042
14.	1,2,3,4,7,8,9-HpCDF	<0.025	0.01	<0.00025
15.	1,2,3,4,6,7,8-HpCDD	0.52	0.01	0.0055
16.	OCDF	0.16	0.001	0.00012
17.	OCDD	4.6	0.001	0.0042
18.	TOTAL PCDD/PCDF			0.014 - 0.024
19.	TOTAL PCDD/PCDF (ngTEQ/Nm3)			0.004
20.	TOTAL PCDD/PCDF (ngTEQ/Nm4)	at 10 [%] O2 Ref		0.0082

Remark: - TEQ = Toxic Equivalent Quotient, i-TEF = International Toxic Equivalency Factor, ng = NanoGram

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

This Report is issued under the following terms & Condition:

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



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Page No.: 2 of 2



Annexure - 27

BEIL INFRASTRUCTURE LIMITED. - DAHEJ
ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY

LANDFILL- GAS VENT MONITORING TEST REPORT

Sr. No.	Date	Parameters	Unit	Location					
				VENT-1	VENT-2	VENT-3	VENT-4	VENT-5	VENT-6
1	10-04-2025	VOC	ppm	BDL	BDL	BDL	BDL	BDL	BDL
2	20-05-2025			0.1	BDL	BDL	BDL	BDL	BDL
3	13-06-2025			BDL	BDL	BDL	BDL	BDL	BDL
7	22-07-2025			BDL	BDL	BDL	0.1	BDL	BDL
8	13-08-2025			BDL	BDL	BDL	BDL	BDL	BDL
9	10-09-2025			BDL	BDL	BDL	BDL	BDL	BDL

Sr. No.	Date	Parameters	Unit	Location					
				VENT-1	VENT-2	VENT-3	VENT-4	VENT-5	VENT-6
1	10-04-2025	H ₂ S	ppm	BDL	BDL	BDL	BDL	BDL	BDL
2	20-05-2025			0.1	BDL	BDL	BDL	BDL	BDL
3	13-06-2025			BDL	BDL	BDL	BDL	BDL	BDL
7	22-07-2025			BDL	BDL	BDL	0.1	BDL	BDL
8	13-08-2025			BDL	BDL	BDL	BDL	BDL	BDL
9	10-09-2025			BDL	BDL	BDL	BDL	BDL	BDL

For, BEIL Infrastructure Limited.

Analysed By
[Signature]

Authorized By:

[Signature]

Mr. Rakesh T Patel
(HOD-QA)

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

✉ rakesh.patel@beil.co.in ☎ 8866701807

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

**BEIL INFRASTRUCTURE LIMITED**

(formerly known as Bharuch Enviro Infrastructure Limited)

Unit - Dahej

Ref: BEIL/DHJ/2025-26/06

Date: 08/05/2025

PCB ID # 40137

The Member Secretary
Gujarat Pollution Control Board
Paryavaran Bhavan, Sector - 10 / A
Gandhinagar - 382 010

Dear Sir,

Sub: Environmental Statement for the year 2024-25.

We are forwarding herewith Environmental Statement for our TSDF Facility (Centralized Secured Landfill Facility), Common Incineration plant, Multi Effect Evaporator plant and Drum Decontamination facility situated at BEIL, Plot No D-43 G.I.D.C, Dahej, Ta: Vagra. Dist. Bharuch for the period of the year 2024-25.

We are forwarding a copy of the Manifest regarding collection and disposal of waste from our member industries to GPCB Bharuch on a regular basis. For your reference we have attached here with Borewell results as Annexure 1, Soil result as Annexure 2, Dioxin- Furan result as Annexure 3 and Ambient Air-Stack result as Annexure 4.

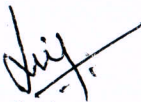
We have received the following CTE & CCA Amendment from GPCB during the last year.

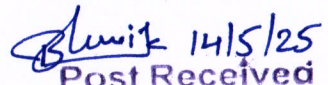
1. CCA Amendment vide consent no. AH-136911 for Cell 11,12,13.
2. CCA Amendment vide consent no. AH-139683 for Pre-processing Facility.
3. CTE Amendment vide consent no. CTE-139612 for Capacity enhancement of secured landfill facility.
4. CTE Amendment vide consent no. CTE-142041 for Common spray dryer.

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 hope that the above is in order.

Thanking you
Yours faithfully
For, BEIL Infrastructure Ltd


Authorized Signatory


Post Received
Gujarat Pollution Control Board
BHARUCH

CC:

1. Regional Office
Gujarat Pollution Control Board, Bh
2. Unit Head- Hazardous waste cell
Gujarat Pollution Control Board, Ga

CIN NO. U45300GJ1997PLC032696

Works Office : Plot No. D-43, Dahej Amod Road
Phone : (02641) 291129, E-mail : mistryrg@beil
Regd. Office : Plot No. 9701-16, GIDC Estate, F
Phones (02646) 253135, 225228 Fax : (02642)

RG480632747IN IVR:8271480632747
RL DAHEJ SO (392130)
Counter No:2,13/05/2025,11:56
To:UNIT HEAD,HAZARDOUS WASTE CELL
PIN:382010, Gandhinagar Gujarat HO
From:BEIL INFRAS,DAHEJ
Wt:140gms Ack Fee:3.00,REG-17.0
Amt:64.90,Tax:9.90,Amt.Paid:65.00(Cash)
<Track on www.indiapost.gov.in>
<Dial 18002666868><Wear mask -Stay safe>

RG480632870IN IVR:8271480632870
RL DAHEJ SO (392130)
Counter No:2,13/05/2025,11:56
To:THE MEMBER SECRETARY,G P C B
PIN:382010, Gandhinagar Gujarat HO
From:BEIL INFRAS,DAHEJ
Wt:140gms Ack Fee:3.00,REG-17.0
Amt:64.90,Tax:9.90,Amt.Paid:65.00(Cash)
<Track on www.indiapost.gov.in>
<Dial 18002666868><Wear mask -Stay safe>

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. 98793 86 326	સરપંચ G.A ગામ પંચાયત તા. વાગરા, જી. ભરૂચ 16/01/19
2.	The Sarpanch -Vav Thakorbhai M. No. 98793 86 326	સરપંચ ગામ પંચાયત - વાવ તા. વાગરા, જી. ભરૂચ 19/01/19
3.	The Sarpanch -Vadadla Elumibhai Dhanraj Desai M. No. 9723 33 3532	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	સરપંચ ગામ પંચાયત-રહિયાદ તા. વાગરા, જી. ભરૂચ 17/01/19
8.	Mr. Yogesh P. Pandya Safety Health and Environment Association- Bharuch	

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 DAHEJ 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. Industrial Health Consultant Reg. No. G-20 Anamika Complex, 1300 Road.
13.	The Sarpanch - Surq Ganpatbhai M. NO. 9825021259	સરપંચ ગામ પંચાયત - સુર 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


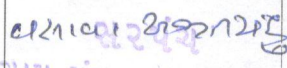
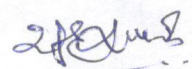
16 The Sarpanch - Atali

સરપંચ
ગામ પંચાયત - આટાલી
તા. વાગરા, જી. ભરૂચ
17/01/19

17 The Sarpanch - Blesli
(P. J. Patel)

સરપંચ
ગામ પંચાયત - બેસ્લી
તા. વાગરા, જી. ભરૂચ
17/01/19

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 -	

Annexure-31

THE NEW INDIA ASSURANCE CO. LTD.
(Government of India Undertaking)



POLICY SCHEDULE FOR PUBLIC LIABILITY (Act Only) INSURANCE

UIN NUMBER - IRDAN190P0076100001

Insured's Name	: M/S BEIL INFRASTRUCTURE LTD.		
Insured's Details		Issuing Office Details	
Customer ID	: POC2119344	Office Code	: THE NEW INDIA ASSURANCE CO LTD (350105)
Address	: PLOT NO.9701 TO 9716/9801 TO 9828/9901 TO 9906/9923 TO 9928(2) KISHOKLAND BETWEEN POT NO.9701 TO 9716(3) ROAD AREA BETWEEN PLOT NO.9801 TO 9814/9501 TO 9506/7905E TO H.ROAD/9601 TO 9604/ 10001 TO 10003/1804 & ELIELINEGS,G7, 8 ROAD1& 2/7924 TO 7927 AND SURVEY NOS ANKLESHWAR GIDC ,GUJARAT, 393002	Address	: SCO. 12, FIRST FLOOR, SECTOR 20 D CHANDIGARH,160022
Phone No	:	Phone No	: 26676902 / 01722548690
E-mail/Fax	: chandigarh@torqueinsure.com, /	E-mail/Fax	: nia.350105@newindia.co.in /
PAN No	:	S.Tax Regn. No	: AAACN4165CST178
GSTIN/UIN	: 24AAACB8075F1ZU / NA	GSTIN	: 04AAACN4165C1ZZ
	:	SAC	: 997139 (Other non-life insurance services excl RI)

Policy Details			
Policy Number	: 35010536253300000001	Business Source Code	
Period of Insurance	: From: 01/05/2025 12:00:01 AM To: 30/04/2026 11:59:59 PM	Dev.Off. level/Broker/Corp. Agent/Web Aggregator/CPSC User	: Torque Insurance Brokers Private Limited - (BR00001071) Torque Insurance Brokers Private Limited - (SI00251218),
Date of Proposal	: 01-May-25	Agent/Bancassurance/S pecified Person	:
Prev. Policy no.	:	Phone No	: 9825305006 / NA
Client Type	: Corporate	E-mail/Fax	: accounts@torqueinsurance.co.in, / /

Premium(₹)	ERF Premium(₹)	GST(₹)	Total (₹)	Total (₹ in words)	Receipt No. & Date
7246	7245	1,304	15,795	RUPEES FIFTEEN THOUSAND SEVEN HUNDRED NINETY-FIVE ONLY	35010581250000000657 - 01/05/25

Details of risk covered under current year policy:

Retroactive Date	Paid Up Capital	No Of Locations Involved	AOA	AOA:AOY	AOY	Annual Turnover - Previous Year	Annual Turnover - Proposed Year	Deductible s	No of workmen	No of Other Employee
01/05/1998	<= 15 Crore	5	41437440	1:3	124312320	550000000	575000000	100	100	100

Retroactive Dates

Retroactive Date Details	Date	Paid Up Capital	No Of Locations Involved	AOA	AOA:AOY	AOY	Annual Turnover - Previous Year	Annual Turnover - Proposed Year	Deductibles	No of workmen	No of Other Employee
RETROACTIVE DATE 1	01/05/1998	<=15Crore	5	41437440	1.3	124312320	550000000	575000000	100	100	100

RETRO-DATE IS SUBJECT TO LESSER OF LIMITS - NARROWER OF COVER.



Extensions under the Policy

Name of the Extension	Sub Limit of the Extension	Deductibles of the Extension
Special Conditions	AS PER POLICY TERMS AND CONDITIONS	
	NA	
Special Exclusions	NA	
Special Excess/Deductible	250000	
Retroactive Dates		Date
Retroactive date		01/05/1998

The Policy shall be subject to PUBLIC LIABILITY (Act Only) INSURANCE Policy clauses attached herewith.

Clauses	Description
Premium and GST Details	
	Rate of Tax
	Amount in INR
Premium	₹ 14,491
SGST	0
CGST	0
IGST	18 1304

In witness whereof the undersigned being duly authorised by the Insurers and on behalf of the Insurers has (have) hereunder set his (their) hand(s) on this 01st day of May,2025.

For and on behalf of
The New India Assurance Company Limited

Date of Issue: 01/05/2025

Duly Constituted Attorney(s)

Stamp Duty under the Policy is ₹1

Mudrank _____Dt. _____ consolidated Stamp Fees Paid by Pay Order Number _____vide receipt number _____dt. _____.

We hereby declare that though our aggregate turnover in any preceding financial year from 2017-18 onwards is more than the aggregate turnover notified under sub-rule (4) of rule 48, we are not required to prepare an invoice in terms of the provisions of the said sub-rule.

Tax Invoice No : 35010525P0001348

IRDA Registration Number: 190 NIA PAN NUMBER: AAACN4165C

Annexure 32

Station Report	
Bharuch Enviro Infrastructure Limited - Dahej	
Generated On : 2025-11-16 20:19:43	Generated By : Dnyaneshwar Patil
Duration : 2025-04-01T00:00:00+05:30 - 2025-09-30T01:49:00+05:30	Sub Locations : SPD Stack Gas
Parameters : NOX,SO2,PM	

S.no	Time	SPD Stack Gas NOX (mg/nm ³)(avg)	SPD Stack Gas PM (mg/nm ³)(avg)	SPD Stack Gas SO2 (mg/nm ³)(avg)
1	2025-04-01T00:00:00+05:30	0.14	55.11	5.54
2	2025-04-02T00:00:00+05:30	0.71	12.31	0
3	2025-04-03T00:00:00+05:30	0.05	6.03	0.03
4	2025-04-04T00:00:00+05:30	0	0	0.79
5	2025-04-05T00:00:00+05:30	0	0	0.68
6	2025-04-06T00:00:00+05:30	0.01	0	6.85
7	2025-04-07T00:00:00+05:30	0.45	1.86	1.98
8	2025-04-08T00:00:00+05:30	0.66	2.91	1.7
9	2025-04-10T00:00:00+05:30	1.69	2.31	6.49
10	2025-04-11T00:00:00+05:30	0.61	21.59	3.09
11	2025-04-12T00:00:00+05:30	1.4	22.95	3.14
12	2025-04-13T00:00:00+05:30	1.78	17.88	0
13	2025-04-14T00:00:00+05:30	3.3	17.69	0
14	2025-04-15T00:00:00+05:30	0.96	15.1	0.08
15	2025-04-16T00:00:00+05:30	1.9	2.26	2.97
16	2025-04-17T00:00:00+05:30	3.46	3.18	0.08
17	2025-04-18T00:00:00+05:30	1.37	4.68	0
18	2025-04-19T00:00:00+05:30	6.64	18.52	0
19	2025-04-20T00:00:00+05:30	2.6	22.77	0
20	2025-04-21T00:00:00+05:30	2.08	40.05	0
21	2025-04-22T00:00:00+05:30	1.14	13.51	0
22	2025-04-23T00:00:00+05:30	1.64	20.33	0
23	2025-04-24T00:00:00+05:30	5.73	13.96	0
24	2025-04-25T00:00:00+05:30	1649.17	17.63	0
25	2025-04-26T00:00:00+05:30	2.81	24.2	0
26	2025-04-27T00:00:00+05:30	0.61	34.02	0
27	2025-04-28T00:00:00+05:30	0.83	8.83	0
28	2025-04-29T00:00:00+05:30	1.07	9.08	0
29	2025-04-30T00:00:00+05:30	0.77	3.26	0.01
30	2025-05-01T00:00:00+05:30	1.38	3.93	0
31	2025-05-02T00:00:00+05:30	0.69	9.81	0
32	2025-05-03T00:00:00+05:30	1.37	14.76	0.01
33	2025-05-04T00:00:00+05:30	1.68	3.03	0
34	2025-05-05T00:00:00+05:30	1.17	3.46	0.03
35	2025-05-06T00:00:00+05:30	0.91	2.31	0.08
36	2025-05-07T00:00:00+05:30	1.24	4.01	0.2
37	2025-05-08T00:00:00+05:30	0.4	16.28	0.03
38	2025-05-09T00:00:00+05:30	0.25	41.62	0.01
39	2025-05-10T00:00:00+05:30	0.03	27.84	0.06
40	2025-05-11T00:00:00+05:30	0	24.92	0.2
41	2025-05-12T00:00:00+05:30	0	20.5	0.03
42	2025-05-13T00:00:00+05:30	0	29.12	0
43	2025-05-14T00:00:00+05:30	0	25.07	0
44	2025-05-15T00:00:00+05:30	0	15.71	0
45	2025-05-16T00:00:00+05:30	0	8.85	0.13
46	2025-05-17T00:00:00+05:30	0	6.49	0.02
47	2025-05-18T00:00:00+05:30	0	7.09	0
48	2025-05-19T00:00:00+05:30	0	2.21	0
49	2025-05-20T00:00:00+05:30	0	5.35	0

50	2025-05-21T00:00:00+05:30	0	12.05	0
51	2025-05-22T00:00:00+05:30	0	0	0.03
52	2025-05-23T00:00:00+05:30	0	0	0
53	2025-05-24T00:00:00+05:30	0	0	0.02
54	2025-05-25T00:00:00+05:30	0	5.29	0
55	2025-05-26T00:00:00+05:30	0	25.6	0
56	2025-05-27T00:00:00+05:30	0	33.14	0.03
57	2025-05-28T00:00:00+05:30	0	26.32	0
58	2025-05-29T00:00:00+05:30	0	21.19	0
59	2025-05-30T00:00:00+05:30	0	23.45	0
60	2025-05-31T00:00:00+05:30	0	2.66	0
61	2025-06-01T00:00:00+05:30	0	4.14	0
62	2025-06-02T00:00:00+05:30	0	3.17	0.04
63	2025-06-03T00:00:00+05:30	0	2.18	0
64	2025-06-04T00:00:00+05:30	0	30.23	0
65	2025-06-05T00:00:00+05:30	0	25.04	0
66	2025-06-06T00:00:00+05:30	0	24.26	0
67	2025-06-07T00:00:00+05:30	0	14.98	0
68	2025-06-08T00:00:00+05:30	0	8.99	0
69	2025-06-09T00:00:00+05:30	0	7.23	0.07
70	2025-06-10T00:00:00+05:30	0	2.88	7.59
71	2025-06-11T00:00:00+05:30	0	20.36	0.04
72	2025-06-12T00:00:00+05:30	0	20.05	0.01
73	2025-06-13T00:00:00+05:30	0	12.19	0
74	2025-06-14T00:00:00+05:30	0	14.64	0
75	2025-06-15T00:00:00+05:30	0	7.19	0
76	2025-06-16T00:00:00+05:30	0	10.83	0
77	2025-06-17T00:00:00+05:30	0	16.81	0
78	2025-06-18T00:00:00+05:30	0	18.54	0
79	2025-06-19T00:00:00+05:30	0	14.08	0
80	2025-06-20T00:00:00+05:30	0	15.11	0.03
81	2025-06-21T00:00:00+05:30	0	14.02	0
82	2025-06-22T00:00:00+05:30	0	17.06	0.03
83	2025-06-23T00:00:00+05:30	0	21.24	0
84	2025-06-24T00:00:00+05:30	0	31.8	0.01
85	2025-06-25T00:00:00+05:30	0	43.43	0.06
86	2025-06-26T00:00:00+05:30	0.14	25.86	0.23
87	2025-06-27T00:00:00+05:30	0.09	61.01	0.04
88	2025-06-28T00:00:00+05:30	0.12	16.5	0.02
89	2025-06-29T00:00:00+05:30	0.61	40.94	0.03
90	2025-06-30T00:00:00+05:30	1.49	37.67	0.08
91	2025-07-01T00:00:00+05:30	3.26	15.84	0
92	2025-07-02T00:00:00+05:30	2.7	7.11	0
93	2025-07-03T00:00:00+05:30	2.07	43.26	N/A
94	2025-07-04T00:00:00+05:30	0.54	8.91	N/A
95	2025-07-05T00:00:00+05:30	0	45.12	N/A
96	2025-07-06T00:00:00+05:30	0	25.26	0
97	2025-07-07T00:00:00+05:30	0	39.04	N/A
98	2025-07-08T00:00:00+05:30	0	94.94	0
99	2025-07-09T00:00:00+05:30	0	37.95	N/A
100	2025-07-10T00:00:00+05:30	0	34.49	N/A
101	2025-07-11T00:00:00+05:30	0	34.4	N/A
102	2025-07-12T00:00:00+05:30	0	28.94	0.16
103	2025-07-13T00:00:00+05:30	0	9.87	0.02
104	2025-07-14T00:00:00+05:30	0	5.44	0.09
105	2025-07-15T00:00:00+05:30	0	2.5	0.01
106	2025-07-16T00:00:00+05:30	0	10.49	0.03

107	2025-07-17T00:00:00+05:30	0	4.86	0
108	2025-07-18T00:00:00+05:30	0	2.42	0
109	2025-07-19T00:00:00+05:30	0	4.57	0
110	2025-07-20T00:00:00+05:30	0	7.11	0
111	2025-07-21T00:00:00+05:30	0	3.28	0
112	2025-07-22T00:00:00+05:30	0	1.43	0
113	2025-07-23T00:00:00+05:30	0	2.04	0
114	2025-07-24T00:00:00+05:30	0	0.82	0
115	2025-07-25T00:00:00+05:30	0	0	0
116	2025-07-26T00:00:00+05:30	0	0	0.02
117	2025-07-27T00:00:00+05:30	0	0	0.06
118	2025-07-28T00:00:00+05:30	0	0	0.02
119	2025-07-29T00:00:00+05:30	0	0	0.15
120	2025-07-30T00:00:00+05:30	0	0	0.19
121	2025-07-31T00:00:00+05:30	0	1.99	0.02
122	2025-08-01T00:00:00+05:30	0	2	0
123	2025-08-02T00:00:00+05:30	0	2.22	0
124	2025-08-03T00:00:00+05:30	0	2	0
125	2025-08-04T00:00:00+05:30	0	2	0
126	2025-08-05T00:00:00+05:30	0	2	0.05
127	2025-08-06T00:00:00+05:30	0.01	2	0.07
128	2025-08-07T00:00:00+05:30	0	1.16	0
129	2025-08-08T00:00:00+05:30	0	2	0
130	2025-08-09T00:00:00+05:30	0	2	0
131	2025-08-10T00:00:00+05:30	0	2	0
132	2025-08-11T00:00:00+05:30	0	2.19	0.13
133	2025-08-12T00:00:00+05:30	0	3.58	0
134	2025-08-13T00:00:00+05:30	0	46.36	0
135	2025-08-14T00:00:00+05:30	0	8.44	0
136	2025-08-15T00:00:00+05:30	0	7.06	0
137	2025-08-16T00:00:00+05:30	0	2.74	0
138	2025-08-17T00:00:00+05:30	0	3.06	0
139	2025-08-18T00:00:00+05:30	0	2.83	0
140	2025-08-19T00:00:00+05:30	0	2.75	0
141	2025-08-20T00:00:00+05:30	0	0	0
142	2025-08-21T00:00:00+05:30	0	0	0
143	2025-08-22T00:00:00+05:30	0	0	0
144	2025-08-23T00:00:00+05:30	0	0	0
145	2025-08-24T00:00:00+05:30	0	0	0
146	2025-08-25T00:00:00+05:30	0	22.01	0
147	2025-08-26T00:00:00+05:30	0	7.42	0
148	2025-08-27T00:00:00+05:30	0	13.3	0
149	2025-08-28T00:00:00+05:30	0	26.56	0
150	2025-08-29T00:00:00+05:30	0.01	10.74	0
151	2025-08-30T00:00:00+05:30	0	4.39	0
152	2025-08-31T00:00:00+05:30	0	4.93	0
153	2025-09-01T00:00:00+05:30	0	4	0
154	2025-09-02T00:00:00+05:30	0	9.17	0
155	2025-09-03T00:00:00+05:30	0	5.54	0
156	2025-09-04T00:00:00+05:30	0	20.63	0
157	2025-09-05T00:00:00+05:30	0	19.49	0
158	2025-09-06T00:00:00+05:30	0	4.28	0
159	2025-09-07T00:00:00+05:30	0	10.71	0.21
160	2025-09-08T00:00:00+05:30	0	30.47	0
161	2025-09-09T00:00:00+05:30	0	14.25	0
162	2025-09-10T00:00:00+05:30	0	15	0
163	2025-09-11T00:00:00+05:30	0	15	0

164	2025-09-12T00:00:00+05:30	0	9.6	0
165	2025-09-13T00:00:00+05:30	0	14.85	0.08
166	2025-09-14T00:00:00+05:30	0	15	0
167	2025-09-15T00:00:00+05:30	0	68.87	0
168	2025-09-16T00:00:00+05:30	0	1.95	0
169	2025-09-17T00:00:00+05:30	0	2.2	0
170	2025-09-18T00:00:00+05:30	0	3.26	0
171	2025-09-19T00:00:00+05:30	0	4.71	0
172	2025-09-20T00:00:00+05:30	0	2.83	0
173	2025-09-21T00:00:00+05:30	0	3	0
174	2025-09-22T00:00:00+05:30	0	3	0
175	2025-09-23T00:00:00+05:30	0	3	0.07
176	2025-09-24T00:00:00+05:30	0	2.9	0
177	2025-09-25T00:00:00+05:30	0	2.75	0
178	2025-09-26T00:00:00+05:30	0	3.39	0
179	2025-09-27T00:00:00+05:30	0	4.5	0
180	2025-09-28T00:00:00+05:30	0	3.88	0
181	2025-09-29T00:00:00+05:30	0	4.05	0
182	2025-09-30T00:00:00+05:30	0	4.01	0

Annexure-33 LABORATORY TESTING REPORT

Report No.: VE/VOC/2025/09/0012		Date: 30/09/2025	
URL No.:			
Name & Address of Customer	:	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta : Vagra District :Bharuch. Pin- 392130, Gujrat,	
Contact Person	:	Mr. Kamalkant Raut	
Sample Collection Date	:	20/09/2025	Sampling Type : -
Sample Receipt Date	:	20/09/2025	Sample ID : VOC/2025/09/0012
Sampling Location	:	Near Incinerator R K Area	Sample Description : Fugitive Emission
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring : -
Quantity / No. of Sample	:	1-1 Filter Pepar & Scrub Abs Media/Each	Analysis Started On : 20/09/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 21/09/2025
Type of Container	:	Plastic Container	Format No. : 7.8 F-06
Meteorological condition during monitoring	:	Clear Sky	Sampling Duration (Minute) : 60 Minute
Environmental Condition during the test		25°C ±3 °C	

Fugitive Emission Analysis Results

Sr. No.	Parameter	Unit	Result	Protocol used for Analysis
1.	Total Dust	mg/m ³	2.8	IS Method
2.	Sulphur Dioxide as SO ₂	ppm	3.2	IS 5182 (Part 2): 2001
3.	Oxides of Nitrogen as NO _x	ppm	5.8	IS 5182 (Part 6): 2006
4.	Hydrochloric Acid as HCL	ppm	BDL	USEPA Method
5.	Hydrogen Fluoride HF	ppm	ND	USEPA Method

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

This Report is issued under the following terms & Condition:

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


 Verified By


 Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"



Annexure 34

Dahej Unit



BEIL Dahej ESCROW details



Form-V of FY 2024-25 - BEIL Dahej



EC Compliance for Oct'24 to March'25 - BEIL Dahej



EC Compliance period of (April'24 to September'24)



EC compliance for the period of Oct'23 to March'24 - BEIL Dahej