

**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 22<sup>nd</sup> 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



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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





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



**1. Compliance Status of Environmental clearance for setting up of a common hazardous waste treatment, storage, disposal facility (TSDF) and Multi Effect Evaporation (MEE) plant at Plot No. D-43, Dahej Industrial Estate, Tal. Vagra, Dist. Bharuch by M/s BEIL Infrastructure Limited for Period October'24 to March'25.**

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

<b>Sr. No</b>	<b>EC Conditions Details</b>	<b>Status</b>
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 <sup>th</sup> September 2008 subject to the compliance of the following conditions.	Noted

#### **SPECIFIC CONDITIONS:**

<b>Sr. No.</b>	<b>Description</b>	<b>Status</b>
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 <b>ANNEXURE-1</b> .
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 from IIT, Delhi. Drawings approved by IIT Delhi are attached as <b>ANNEXURE-2</b> .



3	The proponent shall ensure that design and construction of secured landfill site is as per the guidelines of CPCB with proper leachate collection arrangement.	<p>Complied.</p> <p>We have ensured that design and construction of secured landfill site is as per guidelines of CPCB with proper leachate collection arrangement. Summary of the CPCB guidelines compliance is attached as <b>ANNEXURE-3</b>.</p>
4	The proponent shall ensure that the transportation of the Hazardous wastes to the TSDF conforms to the norms laid down in the Hazardous Wastes (Management, Handling, and Transboundary Movement) Rules 2008	<p>Complied.</p> <p>We have ensured that the transportation of the hazardous wastes to the TSDF confirms 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.</p> <p>Total Approved 493 dedicated vehicles equipped with GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF.</p>
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.	<p>Complied.</p> <p>We are carrying out finger-print analysis of every truck load of waste received at site. We ensure that waste with organic content &gt;5% of degradable organic matters are not disposed into landfill. Comprehensive analysis is being carried out at the time of enrolling members. If organic content is high, the waste will be incinerated within premises. Only inorganic-waste or waste meeting acceptance criteria is sent to landfill.</p> <p>Typical reports of finger-print analysis of solid waste are attached as <b>ANNEXURE-4</b>.</p>
6	The TSDF & MEE shall only handle the waste generated from the member units.	<p>Complied.</p> <p>The waste generated from members of BEIL who have valid CC&amp;A obtained from GPCB only accepted. At present we have 1531 members for Landfill at BEIL. In support of this we are submitting returns to GPCB.</p>
7	The project Proponent shall set up necessary facility for onsite testing of wastes to decide the requirement of treatment if any before disposal.	<p>Complied.</p> <p>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.</p>
8	Project Proponent shall carryout periodical ground water/soil monitoring to and around the site to	<p>Complied.</p>

check the contamination including TCLP test for heavy metals

Ground water analysis is done internally (internal locations) and by third party (internal and surrounding the premises) every month.

Soil analysis is done pre and post monsoon and location are within the premises including TCLP test.

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

**Summary Table: Ground Water (Oct'24 to March'25)**

Sr No	Parameter	Unit	Average of Up- stream borewell	Average of down- stream	Average of outside premises
1	pH		7.47	7.52	8.00
2	Conductivity	mmhos/cm	55.12	51.17	0.42
3	Turbidity	NTU	1.37	2.12	0.21
4	TSS	mg/l	33.58	29.60	ND
5	TDS	mg/l	35830	33271	275.56
6	TOC	mg/l	5.87	4.39	ND
7	Color	Co-pt	14.67	13.06	5.44
8	COD	mg/l	73.45	64.76	ND
9	Chloride	mg/l	18290.5	15593.2	81.47

**Summary Table: Soil Analysis (Post-Monsoon)**

Sr No	Parameters	pH	Conductivity (umho/cm)	TDS (mg/l)	TOC (%)
1	Nr EB-1	8.50	1963	1232	0.48
2	Opp Salt Farm	8.58	2712	1786	0.77
3	Nr EB-2	8.38	2415	1586	0.82
4	Opp. Khetan Ind	8.45	2715	1685	0.58
5	Nr ADM	8.22	1256	805	0.42
6	Behind Tagros	8.52	1863	1176	0.78



9	The thirds party assessment on functioning of the TSDF and MEE shall be carried out through a reputed institute like NPC/IIT or any academic / research institute of similar 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 &amp; Cell-5, Cell-3, Cell-4, Cell-6, Cell-7, Cell-8, Cell-9, Cell-10, Cell-11, Cell-12 &amp; Cell-13 under IIT, Delhi’s guidance. A third-party assessment on the functioning of the TSDF &amp; 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 &amp; compliance submitted to GPCB and last report of IIT Inspection submitted to GPCB, are enclosed as <b>ANNEXURE-6</b>.</p>																																
0A.1	<b>Water:</b>																																	
10	Fresh water requirement shall not exceed 350 KL/day and it shall be met only through water supply from the GIDC Metering of water shall be done and its records shall be maintained. No ground water shall be tapped for the project requirements in any case.	<p>Complied.</p> <p>Total water consumption in the last 6 months is <u>28118</u> KL and per day is @ 154.49 KLD. Summary of the same as below.</p> <table><tr><th>Sr. No</th><th>Month</th><th>Water Consumption (KL/ month)</th><th>Average (KLD)</th></tr><tr><td>1</td><td>October-24</td><td>4483</td><td>144.61</td></tr><tr><td>2</td><td>November-24</td><td>4158</td><td>138.60</td></tr><tr><td>3</td><td>December-24</td><td>4651</td><td>150.03</td></tr><tr><td>4</td><td>January-25</td><td>5228</td><td>168.65</td></tr><tr><td>5</td><td>February-25</td><td>3641</td><td>130.04</td></tr><tr><td>6</td><td>March-25</td><td>5957</td><td>192.16</td></tr><tr><td colspan="2">Average</td><td>4686</td><td>154.49</td></tr></table>	Sr. No	Month	Water Consumption (KL/ month)	Average (KLD)	1	October-24	4483	144.61	2	November-24	4158	138.60	3	December-24	4651	150.03	4	January-25	5228	168.65	5	February-25	3641	130.04	6	March-25	5957	192.16	Average		4686	154.49
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11	A leachate collection system shall be provided to collect the leachates at a collection point. Leachate shall be pumped from leachate wells and shall be treated in in-house MEE. However, in the initial two – three year the leachate shall be sent to BEIL Ankleshwar for treatment with MEE.	<p>Complied.</p> <p>Leachate collection system is provided to collect the leachates at collection-points.</p> <p>There are total 7 no. of leachate collection wells in the landfill&amp; 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 <b>(Oct’24 to Mar’25)</b>, Average Leachate treated in MEE, is @ 28.18 KLD. Summary of the same as below.</p>																																

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12	BEIL shall explore the possibilities for reuse of condensate water generated from MEE plant for landfill construction gardening and domestic purpose within the BEIL	<p>Complied.</p> <p>Condensate water generated from MEE plant is being treated in the Effluent treatment plant following RO plant as tertiary treatment, then it is utilized for green belt and other industrial purposes.</p>																																
13	Domestic wastewater and condensate water from the MEE shall be disposed-off as per the norms to be laid down by the GPCB	<p>Complied.</p> <p>Domestic water is treated in Effluent Treatment Plant. Condensate water generated from MEE plant is being treated in the Effluent treatment plant following RO plant and then it is used for green belt and other industrial purpose.</p>																																
14	Enough care shall be taken to prevent any leakages/accidental spillages during conveyance of the effluent from the member units to the MEE	<p>Complied.</p> <p>Enough care is being taken to prevent leakages/accidental spillages during conveyance of the effluent from the member units to the MEE.</p>																																
15	Separate electricity meter shall be provided at the MEE. A Proper operation logbook of the MEE containing records of quantities and qualities of leachate from secured landfill site and effluent received from the member units, energy consumption etc. Shall be maintained and furnished to the GPCB from time to time.	<p>Complied.</p> <p>Separate electricity meter is provided at the MEE. A proper operation logbook of the MEE containing records is maintained. Leachate quality data are submitted in Environment Audit Reports to GPCB RO and GPCB HO, Quarterly CPCB Protocol and it is submitted to CPCB on Quarterly basis.</p>																																
16	Storage Tank of adequate capacity shall be provided to hold effluent for at least 48 hours in the case of either	<p>Complied.</p> <p>Storage tanks of 450 KLD are provided to hold effluent in case of maintenance of MEE plant.</p>																																



	maintenance of the MEE or disturbances in MEE operations.																															
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	<p>Complied.</p> <p>According to our requirement we have installed 4 DG sets, one 600 KVA and three 910 KVA capacity.</p>																														
<b>A.2</b>	<b>AIR:</b>																															
18	Natural gas to the tune of 440 Nm <sup>3</sup> /day shall be used as a fuel in Boiler (5 T/Hr) and a stack of 30 m height shall be provided to Boiler	<p>Complied.</p> <p>As per CC&amp;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.</p>																														
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	<p>Complied.</p> <p>As per CC&amp;A amendment AWH-120793 dated the permission for Diesel consumption is 0.139 KL/hr. i.e. 100 KL/Month. During <b>(Oct’24 to Mar’25)</b>, Average HSD consumption is @ 2.81 KL/Month. Summary of the same as below.</p> <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>October-24</td><td>3.91</td></tr> <tr> <td>2</td><td>November-24</td><td>2.05</td></tr> <tr> <td>3</td><td>December-24</td><td>1.48</td></tr> <tr> <td>4</td><td>January-25</td><td>0.55</td></tr> <tr> <td>5</td><td>February-25</td><td>2.28</td></tr> <tr> <td>6</td><td>March-25</td><td>6.6</td></tr> <tr> <td colspan="2">Total</td><td>16.87 KL</td></tr> <tr> <td colspan="2">Average/Month (KL/Month)</td><td>2.81</td></tr> <tr> <td colspan="2">Average/Day (KL/Day)</td><td>0.092</td></tr> </tbody> </table>	Sr. No	Month	Total Consumption of HSD (KL/Month)	1	October-24	3.91	2	November-24	2.05	3	December-24	1.48	4	January-25	0.55	5	February-25	2.28	6	March-25	6.6	Total		16.87 KL	Average/Month (KL/Month)		2.81	Average/Day (KL/Day)		0.092
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20	<p>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</p>	<p>Complied.</p> <p>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.</p> <p>Reports are attached as <b>ANNEXURE-7</b>.</p> <p><b>Summary Table: DG Stack Analysis (Oct’24 to Mar’25),</b></p> <table><tr><th>Sr. No.</th><th>Parameter</th><th>Permissible Limit</th><th>Min.</th><th>Max.</th><th>Avg.</th></tr><tr><td>1</td><td>SPM (mg/Nm3)</td><td>150</td><td>44.99</td><td>59.89</td><td>49.36</td></tr><tr><td>2</td><td>SO<sub>2</sub> (ppm)</td><td>100</td><td>1.76</td><td>7.34</td><td>4.60</td></tr><tr><td>3</td><td>NO<sub>x</sub> (ppm)</td><td>50</td><td>4.63</td><td>11.75</td><td>8.63</td></tr></table> <p><b>Summary Table: Boiler Stack Analysis (Oct’24 to Mar’25),</b></p> <table><tr><th>Sr. No</th><th>Parameter</th><th>Permissible Limit</th><th>Min.</th><th>Max.</th><th>Avg.</th></tr><tr><td>1</td><td>SPM (mg/Nm)</td><td>150</td><td>12.68</td><td>62.46</td><td>45.09</td></tr><tr><td>2</td><td>SO<sub>2</sub> (ppm)</td><td>100</td><td>1.16</td><td>5.27</td><td>3.16</td></tr><tr><td>3</td><td>NO<sub>x</sub> (ppm)</td><td>50</td><td>5.19</td><td>8.09</td><td>6.77</td></tr></table>	Sr. No.	Parameter	Permissible Limit	Min.	Max.	Avg.	1	SPM (mg/Nm3)	150	44.99	59.89	49.36	2	SO <sub>2</sub> (ppm)	100	1.76	7.34	4.60	3	NO <sub>x</sub> (ppm)	50	4.63	11.75	8.63	Sr. No	Parameter	Permissible Limit	Min.	Max.	Avg.	1	SPM (mg/Nm)	150	12.68	62.46	45.09	2	SO <sub>2</sub> (ppm)	100	1.16	5.27	3.16	3	NO <sub>x</sub> (ppm)	50	5.19	8.09	6.77
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1	SPM (mg/Nm3)	150	44.99	59.89	49.36																																													
2	SO <sub>2</sub> (ppm)	100	1.76	7.34	4.60																																													
3	NO <sub>x</sub> (ppm)	50	4.63	11.75	8.63																																													
Sr. No	Parameter	Permissible Limit	Min.	Max.	Avg.																																													
1	SPM (mg/Nm)	150	12.68	62.46	45.09																																													
2	SO <sub>2</sub> (ppm)	100	1.16	5.27	3.16																																													
3	NO <sub>x</sub> (ppm)	50	5.19	8.09	6.77																																													

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 <b>ANNEXURE-08</b>.</p> <p><b>Table: Ambient Air (Oct'24 to Mar'25),</b></p> <table><tr><th>S r. n o.</th><th>Paramete rs</th><th>Unit</th><th>GPCB/CP CB Permissib le Limit</th><th>Min</th><th>Max</th><th>Avg</th></tr><tr><td>1</td><td>RSPM (PM<sub>10</sub>)</td><td>µg/m<sup>3</sup></td><td>100</td><td>67.7</td><td>73.1</td><td>70.6</td></tr><tr><td>2</td><td>PM<sub>2.5</sub></td><td>µg/m<sup>3</sup></td><td>60</td><td>28.4</td><td>30.1</td><td>29.2</td></tr><tr><td>3</td><td>Sulphur Dioxide</td><td>µg/m<sup>3</sup></td><td>80</td><td>7.5</td><td>8.7</td><td>8.1</td></tr><tr><td>4</td><td>Nitrogen Dioxide</td><td>µg/m<sup>3</sup></td><td>80</td><td>20.6</td><td>22.2</td><td>21.6</td></tr><tr><td>5</td><td>Ammoni a (Nh<sub>3</sub>)</td><td>µg/m<sup>3</sup></td><td>400</td><td>3.4</td><td>5.7</td><td>4.2</td></tr><tr><td>6</td><td>Lead as Pb</td><td>µg/m<sup>3</sup></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/m<sup>3</sup></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/m<sup>3</sup></td><td>ND</td><td>ND</td><td>ND</td><td>ND</td></tr></table>	S r. n o.	Paramete rs	Unit	GPCB/CP CB Permissib le Limit	Min	Max	Avg	1	RSPM (PM <sub>10</sub> )	µg/m <sup>3</sup>	100	67.7	73.1	70.6	2	PM <sub>2.5</sub>	µg/m <sup>3</sup>	60	28.4	30.1	29.2	3	Sulphur Dioxide	µg/m <sup>3</sup>	80	7.5	8.7	8.1	4	Nitrogen Dioxide	µg/m <sup>3</sup>	80	20.6	22.2	21.6	5	Ammoni a (Nh <sub>3</sub> )	µg/m <sup>3</sup>	400	3.4	5.7	4.2	6	Lead as Pb	µg/m <sup>3</sup>	ND	ND	ND	ND	7	Nickel as Ni	ng/m <sup>3</sup>	ND	ND	ND	ND	8	Arsenic as As	ng/m <sup>3</sup>	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 daily, Vehicle tyre washing facilities are provided.</p>																																																															
<b>A.3 SOLID / HAZARDOUS WASTES:</b>																																																																	
23	The proponent shall ensure that the TSDF fulfils all the provisions of Hazardous Wastes (Management, Handling and Transboundary Movement) Rules 2008 and the design and the construction of secured landfill site is as per the	<p>Complied.</p> <p>We are 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</p>																																																															

	guidelines of CPCB with proper leachate collection arrangement.	are approved by IIT, Delhi and they are carrying out inspections. IIT certificate is attached as <b>ANNEXURE-02</b> . Summary of CPCB guidelines are attached as <b>ANNEXURE-03</b> .																					
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 04.06.2024. Same is attached as <b>ANNEXURE-09</b> .																					
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 ( <b>Oct'24 to March'25</b> ) a total of 3,118.66 MT of MEE salt has been disposed in landfill.																					
28	BEIL shall explore possibilities with respect to reduction and reuse of hazardous waste generated by member units and received at the project site.	Complied. We ensure to explore possibilities with respect to reduce and reuse of hazardous waste generated by member units and received at the project site. We have received authorization for decontamination of drums vide letter no. GPCB/HAZ-BRCH/B-CCA-143(I)/ID-40137/375053 dated 07.11.2016 to reuse and recycle discarded used drums. Summary of drum receipt and decontamination is as below. <b>(Oct'24 to March'25):</b> <table border="1"> <thead> <tr> <th>Month</th><th>DRUM RECEIPT</th><th>DRUM DECONTAMINATED</th></tr> </thead> <tbody> <tr> <td>October-24</td><td>8181</td><td>6858</td></tr> <tr> <td>November-24</td><td>9082</td><td>7911</td></tr> <tr> <td>December-24</td><td>8415</td><td>8312</td></tr> <tr> <td>January-25</td><td>8364</td><td>13531</td></tr> <tr> <td>February-25</td><td>8461</td><td>9796</td></tr> <tr> <td>March-25</td><td>10146</td><td>8245</td></tr> </tbody> </table>	Month	DRUM RECEIPT	DRUM DECONTAMINATED	October-24	8181	6858	November-24	9082	7911	December-24	8415	8312	January-25	8364	13531	February-25	8461	9796	March-25	10146	8245
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29	Used oil shall be sold only to the registered recyclers.	<p>Complied.</p> <p>In the period of <b>(Oct'24 to March'25)</b>, 51 liters had been generated and no disposal of Used oil during the period. We sell used oil only to registered recyclers or reused within premises as lubricant as per CCA.</p>
<b>A.4 SAFETY:</b>		
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 (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 <b>ANNEXURE-10</b></p> <p>A) Ack copy of covering letter of Onsite Emergency plan submitted to DISH.</p> <p>B) Onsite Emergency Plan</p> <p>C) Ack copy of Mock Drill Report submitted to DISH</p>
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	<p>Complied.</p> <p>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.</p> <p>Total Approved 493 dedicated vehicles equipped with GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF.</p>
33	Hazardous materials storage shall be at an isolated designated location, bund/dyke walls shall be provided	<p>Complied.</p>



	for storage tanks for hazardous Chemicals.	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.  <b>Please refer Annexure 11:</b> A) Training calendar for 2024-25 B) Training attendance sheets (Oct'24 to March'25)
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 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.	Complied.  We've prepared and Implemented Onsite Emergency Plan and Disaster Management Plan. On-site emergency plan & disaster management plan is attached as <b>ANNEXURE110</b> . Fire hydrants system (Existing storage capacity 1100 KL), fire extinguishers are provided.

A.5	NOISE:						
39	The overall noise level in and around the premises shall be kept within the standards by providing noise control measures including engineering controls like acoustic insulation hoods, silencers, enclosures etc. On all sources of noise generation. The ambient noise level shall conform to the standards prescribed under The Environment (Protection) Act 1986 & Rules)	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) (Oct'24 to March'25)					
		Sr. No	Place	Permissible Limit (dB)	Min	Max.	Avg.
		1	Near Main Gate (dB)	75	61	65	63.67
		2	Behind ADM Building (dB)	75	58	62	59.67
		3	Near EB 1 Borewell (dB)	75	54	61	57.93
		4	Nr. Monsoon Shed	75	61	65	62.67
		5	B/H Landfill cell 6	75	56	64	60.67
		6	Nr. Drum shed area	75	69	72	70.67
		7	Opp. Khetan Ind	75	58	62	59.33
		8	Nr. Stab plant	75	60	69	64.33

		<table><tr><td>9</td><td>Nr D.G Set</td><td>75</td><td>70</td><td>72</td><td>71</td></tr></table>	9	Nr D.G Set	75	70	72	71
9	Nr D.G Set	75	70	72	71			
<b>A.6 GREEN BELT AND OTHER PLANTATION:</b>								
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 forestation of 80937.1 Sq meter in Dahej village.</p> <p>A Drip Irrigation system has been installed.</p> <p><b>Please refer ANNEXURE-13:</b></p> <p>A) Layout showing plantation along the periphery.</p> <p>B) Photographs of plantation along the periphery.</p> <p>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"><li>➤ 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.</li><li>➤ 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 &amp; 2019.</li><li>➤ We have also planted around 200 trees at Compost site in Dahej Village.</li><li>➤ BEIL has also done tree plantation in the following villages: 1800 nos near Kadodara 2800 in Vav village 2800 nos Paniyadara 2800 nos Padariya</li><li>➤ We have also distributed tree guards at Gauseva trust Suva, Gram Panchayat at Nandarkha villages, Bhutnath charitable trust, Dahej Gram Panchayat, Kadodara Gram Panchayat.</li></ul> <p><b>Please refer Annexure 14:</b></p> <ul style="list-style-type: none"><li>A) Action plan for Tree Plantation</li><li>B) Tree Plantation at GEB office Dahej</li><li>C) Acknowledgement letters from villages for plantation already done by BEIL/UPL</li><li>D) Tree Guard Distribution to Nandarkha village Gram Panchayat.</li><li>E) Tree Guard Distribution to Kadodara village Gram Panchayat.</li><li>F) Photos of tree plantation at Compost site Dahej.</li></ul>						

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#### OTHER CONDITIONS:

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

46	BEIL shall comply with all the provisions of CPCB guidelines for TSDF as may be applicable from time to time	<p>Complied.</p> <p>We have complied with all the provisions of CPCB guidelines for TSDF as applicable from time to time and in future also we shall comply.</p> <p>A summary of the guidelines Compliance is attached as <b>ANNEXURE-03</b>.</p>
47	BEIL shall maintain accurate records of their member units in respect of quantity of each product manufactured quantities and qualities of waste & effluent generated booked & supplied to the TSDF & MEE on day-to-day basis and shall submit the complied records to the GPCB on monthly basis	<p>Complied.</p> <p>We are providing all the details in the monthly report &amp; submitting to GPCB monthly basis.</p>
48	BEIL shall ensure that each & every member unit renews the agreement/ membership on before expiring of said agreement/membership and shall inform the GPCB about any unit not renewing the agreement/membership within stipulated period BEIL shall immediately inform the Gujarat Pollution Control Board termination/ suspension of membership of any member unit.	<p>Complied.</p> <p>We ensure that each &amp; 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 termination/ suspension of membership of any member unit.</p>
49	BEIL shall instruct and make sure that each member unit provides effluent storage tank and hazardous waste storage area having adequate retention time.	<p>Complied.</p> <p>As per our protocol, before giving membership, industries have to submit some details to BEIL in the prescribed membership form. One of the details asked is storage capacities of liquid and solid waste. We do not accept incomplete membership forms.</p> <p>Samples of our membership form and member's documents were shown at the time of visit from RO-MOEF, Bhopal.</p> <p>GPCB mentions a condition in every industry's CCA, that the industry needs to provide effluent storage tanks and hazardous waste storage area having adequate retention time.</p> <p><b>ANNEXURE-15</b></p> <p>A) Membership form – Landfill.</p>



		<p>B) List of members with their consent details &amp; hazardous storage details</p> <p>C) Hazardous waste storage details of Bharat Rasayan, Diaichi, Fermenta Biotech, Insecticides Ltd.</p>
50	BEIL shall not allow any new member or enhance waste / effluent quantity of existing members unless & until they have prior requisite permissions from competent authorities.	<p>Complied.</p> <p>BEIL does not give membership without verifying the member's consent. We also have CCA copies of members. Samples of CCA copies of members.</p> <p><b>ANNEXURE-15</b></p> <p>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"> <li>➤ We maintained a good housekeeping in the premises &amp; taking step to control dusting. We have also implemented 5S system, which is specially designed for good housekeeping practices.</li> <li>➤ To ensure least leakages from pumps/motors/lines, preventive maintenance of the same is carried out on regular basis.</li> <li>➤ Leakages from equipment &amp; floor washing effluent is being collected in tank/pit &amp; treated in MEE.</li> </ul>
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"> <li>➤ 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.</li> <li>➤ 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</li> </ul>

		<p>of any type of contamination from anywhere. Pictures &amp; 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><b>Please refer Annexure 16:</b></p> <p>A) Picture of plant showing separate garland drain &amp; 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 1665.99 Lacs till March-2025. These funds are not diverted for any other purpose.</p> <p><b>A year wise expenditure on environmental safeguards is mentioned in the below table: -</b></p> <table border="1"> <thead> <tr> <th>Sr. No.</th><th>Year</th><th>Expense</th></tr> </thead> <tbody> <tr> <td>1</td><td>2018 – 2019</td><td>13,40,242</td></tr> <tr> <td>2</td><td>2019 – 2020</td><td>30,90,150</td></tr> <tr> <td>3</td><td>2020 – 2021</td><td>1,70,76,593</td></tr> <tr> <td>4</td><td>2021- 2022</td><td>1,52,00,989</td></tr> <tr> <td>5</td><td>2022- 2023</td><td>1,20,19,262</td></tr> </tbody> </table>	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
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6	2023- 2024	1,60,68,507.4						
7	2024-2025	94,54,028.74						
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><b>Please refer ANNEXURE-17:</b></p> <p>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"> <li>➤ We have donated Rs. 15000 to Bhutnath Charitable Trust and we are also providing monthly salary to Local villagers (Mr. Rajendra Parmar &amp; Mr. Dinesh Ahir).</li> <li>➤ Apart from that we have tied up with local Gram panchayat to develop a garden, costing Rs. 3.2 Lacs.</li> <li>➤ We distributed 430 nos school uniforms to students of government school at Dahej in Dec-2024.</li> <li>➤ 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.</li> <li>➤ We have also Organized career counseling session and various sustainability concepts for 11th &amp; 12th science stream students of P.J Chheda Janata Vidyalaya-Dahej.</li> <li>➤ We have also distributed dustbins at Dahej village under Swatch Bharat mission.</li> <li>➤ We have donated and installed 15 ceiling fans to Adarsh primary school Dahej.</li> <li>➤ We deliver the fire &amp; safety training at Shri P.J. Chheda Janta Vidyalaya &amp; kumar shala Dahej .</li> <li>➤ 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 District Collector/District Development Officer is submitted to the respective offices. Inward copy attached.</li> </ul> <p><b>Please refer ANNEXURE-18:</b></p> <p>A) Inward copy of Letter submitted to DC/DDO offices.</p> <p>B) Photos of Compost Site built by BEIL in Dahej village as a Solid waste management program. In this financial year 2024-25 we have collected 84,282 kgs of wet waste from Dahej village and prepared 3869 kgs of</p>						

		<p>compost at our compost site and support to “Swachh Bharat-Solid Waste management project”</p> <p>C) A free General medical health check-up camp for students &amp; Dahej community was organized on 28th September 2024 at Government Primary Kanya School, Dahej..</p> <p>D) Awareness session have organized on Fire and safety risk assessment training at Luvara government school.</p> <p>E) Organized Blood donation camp for ‘Give blood save a life’.</p> <p>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 &amp; Risk Assessment Report of the project. EMP Compliance is attached as <b>ANNEXURE-19</b>.</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 <b>ANNEXURE -20</b>.</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 &amp; ISO 45001:2018. Implementation of ISO 14001:2015 &amp; ISO 45001:2018 has helped in improvement of the environmental protection and Safety. Copy of Certificate is attached as <b>ANNEXURE-21</b>.</p>
62	The project manager shall extend full support to the officer of MOEF/GPCB during inspection of the project for monitoring purpose by furnishing full details and action plan including action reports in respect of mitigation measures and	<p>Complied.</p>



	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 <sup>st</sup> June and 1 <sup>st</sup> 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 (Apr'24-Sept'24) is attached as <b>ANNEXURE-22</b>.</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 <b>ANNEXURE-23</b>.</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 1665.99 Lacs till March-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> <table border="1"> <thead> <tr> <th>Sr. No.</th><th>Year</th><th>Expense</th></tr> </thead> <tbody> <tr> <td>1</td><td>2018 – 2019</td><td>13,40,242</td></tr> <tr> <td>2</td><td>2019 – 2020</td><td>30,90,150</td></tr> </tbody> </table>	Sr. No.	Year	Expense	1	2018 – 2019	13,40,242	2	2019 – 2020	30,90,150
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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><b>ANNEXURE- 24:</b>  A) EC copy.  B) Newspaper advertisements dated 24<sup>th</sup> 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&amp;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 <b>ANNEXURE-23</b>.</p>															
71	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.	Noted															
72	The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional	<p>Complied</p> <p>We are complying with conditions imposed by the SEAC or the SEIAA. EC Compliance is submitted half yearly to the</p>															

	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.	concern authorities (MOEF, CPCB, GPCB). All the conditions stipulated in the CCA are also complied. We have Public Liability Insurance Policy No. <b>1806012724P101621152</b> which is valid up to 30.04.2025. PLI Policy is attached as <b>ANNEXURE-31</b> .
73	This environmental clearance is valid for five years from the date of issue.	Complied We have received EC vide letter no. SEIAA/GUJ/EC/7(d)/227/2013 dated 13.07.2013. We have CCA renewal order no. AWH – 109249 valid up to 17.04.2025.
74	Any appeal against this environmental clearance shall be with the National Green Tribunal, if preferred within a period of 30 day as prescribed under Section 16 of the National Green Tribunal Act 2010	N. A

**Compliance Status of Environmental clearance for Installation of Two Incinerators and Capacity Enhancement of Existing Landfill Facility at existing Common Hazardous Waste Treatment Storage and Disposal Facilities (TSDF) at Plot No. D-43, Dahej Industrial Estate, Tal. Vagra, Dist. Bharuch by M/s BEIL Infrastructure Limited for Period October' 24 to March'25.**

- 1.CTE for Incinerator and landfill was received on 24.12.19.
- 2.CC&A for one Incinerator has received on 10.08.22.
3. CC&A for landfill received on 01.08.2022 (cellwise CC&A has received)

Sr No	EC Condition Details	Status
1	The proposal is for grant of environmental clearance to the project 'Installation of Two Incinerators and Capacity Enhancement of Existing Landfill Facility' at existing Common Hazardous Waste Treatment, Storage and Disposal Facilities (TSDF) at plot number D-43, Dahej Industrial Estate, Taluka Vagra, District Bharuch by M/s BEIL Infrastructure Limited	Noted We have installed one incinerator 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 <sup>th</sup> September 2006 as it is proposed to upgrade the facility integrated facilities having incineration & landfill.	Noted
3	Due to growth of chemical Industries in the Dahej industrial area, generation of hazardous waste Landfillable & incinerable waste has been increasing many folds. The existing secured landfill is likely to get exhausted much before planed period at the current rate of waste generation & disposal. Therefore, it is proposed to enhance the capacity of SLF from 14 lakhs MT to 19 lakhs MT and addition of two Incinerators. All the other facilities such as infrastructure, laboratory is already available at the existing site.	Noted
4	Details of existing and proposed facilities are as under:	Noted



	<table><tr><th>Particulars</th><th>Existing</th><th>Proposed</th></tr><tr><td>Land area</td><td>2,85,343.76 m<sup>2</sup></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></table>	Particulars	Existing	Proposed	Land area	2,85,343.76 m <sup>2</sup>	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									
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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 total freshwater consumption is 986 KLD. The details of total fresh water consumption is 28118 KL for the period and average per day consumption is 154.49 KLD.</p> <table><tr><th>Sr. No</th><th>Month</th><th>GIDC Water Consumption (KL/ month)</th><th>Average (KLD)</th></tr><tr><td>1</td><td>Oct-24</td><td>4483</td><td>144.61</td></tr><tr><td>2</td><td>Nov-24</td><td>4158</td><td>138.60</td></tr><tr><td>3</td><td>Dec-24</td><td>4651</td><td>150.03</td></tr><tr><td>4</td><td>Jan-25</td><td>5228</td><td>168.65</td></tr><tr><td>5</td><td>Feb-25</td><td>3641</td><td>130.04</td></tr><tr><td>6</td><td>Mar-25</td><td>5957</td><td>192.16</td></tr><tr><td colspan="2">Average</td><td>4686</td><td>154.49</td></tr></table>	Sr. No	Month	GIDC Water Consumption (KL/ month)	Average (KLD)	1	Oct-24	4483	144.61	2	Nov-24	4158	138.60	3	Dec-24	4651	150.03	4	Jan-25	5228	168.65	5	Feb-25	3641	130.04	6	Mar-25	5957	192.16	Average		4686	154.49
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6	Leachate/effluent from landfill will be treated in Multiple Effect Evaporator (MEE) plant. The wastewater from the incinerator shall be used for quenching.	<p>Complied.</p> <p>1. Leachate is treated in MEE Plant.</p> <p>2. Wastewater from incinerator is being used for Quenching at incinerator.</p>																																

	Municipal solid waste generated from the project shall be disposed of as per MSW Rules, 2016.	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.	Complied.  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 <sup>th</sup> 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 <sup>th</sup> May 2018, as Dahej Industrial Estate of GIDC is a part of Development of Petroleum, Chemical and Petro-chemical Investment Region (PCPIR) Dahej, Dist. Bharuch. The PCPIR has already obtained Environmental Clearance on 17 <sup>th</sup> September 2017 vide letter 21-49/2010/-1AIII for the entire industrialized region. The Public hearing for the same was also conducted on 30 <sup>th</sup> July 2014.	Noted.
11	Investment/Cost of the project is approx. Rs. 64 Crore	The actual investment cost of the project is Rs.109.02 Crores for one incinerator and 30 lac for Landfill till Oct'22.
12	Benefits of the project: There will be a positive environmental impact by collecting and disposing the hazardous waste in the scientific manner that will reduce the future health hazard. It is expected that additional people will get	Noted.

	employment and hence job opportunities for the local people as well as migrants from nearby areas would increase.	
13	Employment potential: About 150 persons (construction phase) & 60 persons (operational phase).	Noted. The total numbers of employees are 76. 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 <sup>th</sup> meeting held on 29-31 October 2018, deliberated on the proposal including certified compliance report letter No. 18-A-96/2013(Parya)/943 dated 28.08.2017 (inspection done on 06.06.2017) issued by the MOEF & CC's Regional Office (Western Region), Bhopal. The EAC, on being satisfied with the submissions of the project proponent, recommended the project for grant of environmental clearance to the project. As per recommendations of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance to the project 'Installation of Two Incinerators and Capacity Enhancement of Existing Landfill Facility at existing Common Hazardous Waste Treatment, Storage and Disposal Facilities (TSDF) at plot number D-43, Dahej Industrial Estate, Taluka Vagra, District Bharuch by M/s Bharuch Enviro Infrastructure Limited, under the provisions of the EIA Notification, 2006 and amendments/circulars issued thereon, and subject to the specific and general conditions as under: -	Noted.
<b>A. 1</b>	<b>SPECIFIC CONDITIONS</b>	
1	Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required	Complied.

	under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.	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 1531 members for Landfill. In support of this we are submitting returns to GPCB.
6	As proposed, air pollution control device viz. gas quencher; treatment with mixture of hydrated lime and activated powder for adsorption of partial acidity and VOCs (if any); bag-filter/ESP for removal of particulate matter; venturi scrubber followed by packed bed scrubber with caustic circulation to neutralize the acidic vapors in flue gas; and demister column for arresting water carry over will be provided to the incinerator. Online pollutant monitoring shall be provided as per CPCB guidelines for monitoring particulate matter, SO <sub>2</sub> , NO <sub>x</sub> and CO from the incinerator stack. The periodical monitoring of Dioxins and Furans in the Stack emissions shall be carried out.	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.  Online monitoring for PM, SO <sub>2</sub> , NO <sub>x</sub> and CO provided as per CPCB guidelines. Dioxins and Furans emission are monitored quarterly and submitted in quarterly CPCB protocol to Regional office, GPCB-Bharuch and attached as <b>ANNEXURE-26</b> .
7	Analysis of Dioxins and Furans shall be done through CSIR — National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram or equivalent NABL Accredited laboratory.	Complied.  We have monitored Dioxins and Furans in the Stacks emissions in December-2024 and February-2025 through NABL accredited laboratory. Third party monitoring reports are attached as <b>ANNEXURE-26</b> .

8	The project proponents shall adhere to all conditions as prescribed in the Protocol for ‘Performance Evaluation and Monitoring of the Common Hazardous Waste Treatment, Storage and Disposal Facilities’ published by the CPCB in May 2010.	Complied.  We are submitting protocol quarterly online on CPCB site and in hardcopy to GPCB.																																																								
9	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.																																																								
10	Sufficient number of Piezometer wells shall be installed in and around the project site to monitor the ground water quality in consultation with the State Pollution Control Board / CPCB. Trend analysis of it quality shall be carried out each season and information shall be submitted to the SPCB and the Regional Office of MOEF&CC.	Complied. We have 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.																																																								
11	Ambient air quality monitoring shall be carried out in and around the landfill site at up wind and downwind locations.	<div>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 <b>ANNEXURE –08.</b> <b>Ambient results: (Oct’24-Mar’25)</b></div> <table><tr><th>Sr . no .</th><th>Paramete rs</th><th>Unit</th><th>GPCB/CP CB Permissible Limit</th><th>Min</th><th>Max</th><th>Avg</th></tr><tr><td>1</td><td>RSPM (PM<sub>10</sub>)</td><td>µg/ m<sup>3</sup></td><td>100</td><td>67.7</td><td>73.1</td><td>70.6</td></tr><tr><td>2</td><td>PM<sub>2.5</sub></td><td>µg/ m<sup>3</sup></td><td>60</td><td>28.4</td><td>30.1</td><td>29.2</td></tr><tr><td>3</td><td>Sulphur Dioxide</td><td>µg/ m<sup>3</sup></td><td>80</td><td>7.5</td><td>8.7</td><td>8.1</td></tr><tr><td>4</td><td>Nitrogen Dioxide</td><td>µg/ m<sup>3</sup></td><td>80</td><td>20.6</td><td>22.2</td><td>21.6</td></tr><tr><td>5</td><td>Ammoni a (Nh<sub>3</sub>)</td><td>µg/ m<sup>3</sup></td><td>400</td><td>3.4</td><td>5.7</td><td>4.2</td></tr><tr><td>6</td><td>Lead as Pb</td><td>µg/ m<sup>3</sup></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/m<sub>3</sub></td><td>ND</td><td>ND</td><td>ND</td><td>ND</td></tr></table>	Sr . no .	Paramete rs	Unit	GPCB/CP CB Permissible Limit	Min	Max	Avg	1	RSPM (PM <sub>10</sub> )	µg/ m <sup>3</sup>	100	67.7	73.1	70.6	2	PM <sub>2.5</sub>	µg/ m <sup>3</sup>	60	28.4	30.1	29.2	3	Sulphur Dioxide	µg/ m <sup>3</sup>	80	7.5	8.7	8.1	4	Nitrogen Dioxide	µg/ m <sup>3</sup>	80	20.6	22.2	21.6	5	Ammoni a (Nh <sub>3</sub> )	µg/ m <sup>3</sup>	400	3.4	5.7	4.2	6	Lead as Pb	µg/ m <sup>3</sup>	ND	ND	ND	ND	7	Nickel as Ni	ng/m <sub>3</sub>	ND	ND	ND	ND
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3	Sulphur Dioxide	µg/ m <sup>3</sup>	80	7.5	8.7	8.1																																																				
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5	Ammoni a (Nh <sub>3</sub> )	µg/ m <sup>3</sup>	400	3.4	5.7	4.2																																																				
6	Lead as Pb	µg/ m <sup>3</sup>	ND	ND	ND	ND																																																				
7	Nickel as Ni	ng/m <sub>3</sub>	ND	ND	ND	ND																																																				

		8	Arsenic as As	ng/m <sub>3</sub>	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 <b>ANNEXURE-01</b> .																																																																																										
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.	<div>Complied.<div><div>1. Implementation of EMP is done stagewise and its status is attached as <b>ANNEXURE-19</b>.</div><div>2. Water and soil monitoring is done regularly in and around the site and results are attached as <b>ANNEXURE-5b</b>.</div></div><div>Summary Table: Ground Water (Oct’24-Mar’25)</div><table><tr><th>Sr No</th><th>Parameter</th><th>Unit</th><th>Average of Up-stream borewell</th><th>Average of down-stream</th><th>Average of outside premises</th></tr><tr><td>1</td><td>pH</td><td></td><td>7.47</td><td>7.52</td><td>8.00</td></tr><tr><td>2</td><td>Conductivity</td><td>mmhos/cm</td><td>55.12</td><td>51.17</td><td>0.42</td></tr><tr><td>3</td><td>Turbidity</td><td>NTU</td><td>1.37</td><td>2.12</td><td>0.21</td></tr><tr><td>4</td><td>TSS</td><td>mg/l</td><td>33.58</td><td>29.60</td><td>ND</td></tr><tr><td>5</td><td>TDS</td><td>mg/l</td><td>35830</td><td>33271</td><td>275.56</td></tr><tr><td>6</td><td>TOC</td><td>mg/l</td><td>5.87</td><td>4.39</td><td>ND</td></tr><tr><td>7</td><td>Color</td><td>Co-pt</td><td>14.67</td><td>13.06</td><td>5.44</td></tr><tr><td>8</td><td>COD</td><td>mg/l</td><td>73.45</td><td>64.76</td><td>ND</td></tr><tr><td>9</td><td>Chloride</td><td>mg/l</td><td>18290</td><td>15593</td><td>81.47</td></tr></table><div>Summary Table: Soil Analysis (Post-Monsoon)</div><table><tr><th>Sr No</th><th>Parameters</th><th>pH</th><th>Conductivity (umho/cm)</th><th>TDS (mg/L)</th><th>TOC (%)</th></tr><tr><td>1</td><td>Nr EB-1</td><td>8.50</td><td>1963</td><td>1232</td><td>0.48</td></tr><tr><td>2</td><td>Opp Salt Farm</td><td>8.58</td><td>2712</td><td>1786</td><td>0.77</td></tr><tr><td>3</td><td>Nr EB-2</td><td>8.38</td><td>2415</td><td>1586</td><td>0.82</td></tr></table></div>							Sr No	Parameter	Unit	Average of Up-stream borewell	Average of down-stream	Average of outside premises	1	pH		7.47	7.52	8.00	2	Conductivity	mmhos/cm	55.12	51.17	0.42	3	Turbidity	NTU	1.37	2.12	0.21	4	TSS	mg/l	33.58	29.60	ND	5	TDS	mg/l	35830	33271	275.56	6	TOC	mg/l	5.87	4.39	ND	7	Color	Co-pt	14.67	13.06	5.44	8	COD	mg/l	73.45	64.76	ND	9	Chloride	mg/l	18290	15593	81.47	Sr No	Parameters	pH	Conductivity (umho/cm)	TDS (mg/L)	TOC (%)	1	Nr EB-1	8.50	1963	1232	0.48	2	Opp Salt Farm	8.58	2712	1786	0.77	3	Nr EB-2	8.38	2415	1586	0.82
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		5	Nr ADM	8.22	1256	805	0.42
		6	Behind Tagros	8.52	1256	1176	0.78
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 must be 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 <b>ANNEXURE - 27</b>					
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 <b>ANNEXURE- 28</b> .					
19	Project should ensure that the site is properly cordoned off from general movement and no unauthorized person or goods permitted to enter the premises. Necessary security provision should be made as a condition in the Authorization under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 to prevent unwanted access.	Complied We have ensured that the project is properly cordoned off from general movement and no unauthorized person or goods permitted to enter the premises. Necessary security provision is also provided.					
20	Pre-medical check-up to be carried out on workers at the time of employment and regular medical record to be maintained.	Complied We are carrying out pre-employment check-up of employees at the time of employment and also carrying out periodical medical checkup 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					
21	Emergency plan shall be drawn in consultation with SPCB/CPCB and	Complied					

	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.	We have prepared and implemented an Onsite Emergency Plan & Disaster Management Plan and is attached in <b>ANNEXURE-10</b> . 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 <sup>st</sup> May 2018, and as proposed, a fund of Rs. 0.40 Crore @ 1% of project Cost, shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as sanitation, solid waste management and rainwater harvesting etc. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent.	<div>Complied This monitoring report is submitted to regional office as a part of half yearly compliance report and posted on Website.</div> <table><tr><th>year</th><th>Amount</th><th>Details</th></tr><tr><td>2019-20</td><td>18,59,543</td><td>Fabrication of Drum Stand for making Compost and tilting Drum Storage of Kitchen Waste – Rs.4,60,200/-  Fabrication &amp; Erection of Structure for Making shed on Kitchen Waste Mixing Pit and Storage Shed for Plastic - Rs.1,33,814/-  Construction of Compost Pit &amp; Other Structure - Rs.7,52,583/-  Project of collection of Kitchen Waste (door to door) - Rs.5,12,946/-</td></tr><tr><td>2020-21</td><td>9,01,048</td><td>Project of collection of Kitchen Waste (Door to Door) at Dahej Village</td></tr></table>			year	Amount	Details	2019-20	18,59,543	Fabrication of Drum Stand for making Compost and tilting Drum Storage of Kitchen Waste – Rs.4,60,200/-  Fabrication & Erection of Structure for Making shed on Kitchen Waste Mixing Pit and Storage Shed for Plastic - Rs.1,33,814/-  Construction of Compost Pit & Other Structure - Rs.7,52,583/-  Project of collection of Kitchen Waste (door to door) - Rs.5,12,946/-	2020-21	9,01,048	Project of collection of Kitchen Waste (Door to Door) at Dahej Village
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		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>B</b>	<b>GENERAL CONDITIONS</b>			
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.	Complied.  A separate account is maintained for environment protection and the cumulative amount is 1665.99 Lacs till March-2025. These funds are not diverted for any other purpose.		

		<p>A year wise expenditure on environmental safeguards is mentioned in the below table: -</p> <table> <tr> <th>Sr. No.</th><th>Year</th><th>Expense</th></tr> <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> </table> <p>This expenditure is informed to GPCB in Form 5 (ES) and are included in half yearly Compliance report being submitted to MoEF&amp;CC. Form – 5 for the period Apr’24 – Mar’25 is attached as <b>ANNEXURE- 29</b>.</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
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3	Officials from the Regional Office of MOEF &CC, Bhopal who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities, and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to MOEF & CC shall be forwarded to the APCCF, Regional Office of MOEF & CC, Bhopal.	Noted.																								
4	In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.	Noted																								
5	The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Noted																								
6	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, the Forest Conservation Act, 1980 and the Wildlife (Protection) Act, 1972 etc. shall be obtained, as	Complied. Statutory clearances as applicable are obtained.																								

	applicable by project proponents from the respective competent authorities.	
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 <a href="http://www.envfor.nic.in">http://www.envfor.nic.in</a> . 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.	<p>Complied.</p> <p>BEIL had received EC on 19<sup>th</sup> Dec 2018, and we had given adv in three newspapers namely, Divya Bhaskar, Sandesh and Times of India on 21<sup>st</sup> Dec'18.</p> <p><b>ANNEXURE-24a:</b></p> <p>A) EC copy.</p> <p>B) Newspaper advertisements dated 21<sup>st</sup> December'18</p>
9	Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted
10	A copy of the clearance letter shall be sent by the proponent to be concerned Panchayat, Zilla Parishad /Municipal Corporation, Urban Local Body and 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>Complied</p> <p>We have sent the clearance letter to the nearby panchayat's, municipal corporation, and local NGO. Letter is attached as <b>ANNEXURE –30.</b></p>
11	The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It	<p>Complied.</p> <p>1. We are submitting a six-monthly report regularly for all ECs conditions sent to the RO of MOEF&amp;CC, the respective Zonal Office of CPCB and the GPCB and the same we upload on our website.</p>

	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 <sub>2.5</sub> , PM <sub>10</sub> , SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	2. A digital display board is provided at the main gate indicating all parameters which is open to public.
12	<p>The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions.</p> <p>and shall also be sent to the respective Regional Offices of MOEF&amp; CC by email.</p>	<p>Complied</p> <p>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&amp;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&amp;CC. Ack copy of Form-5 for 2024-25 is attached as <b>ANNEXURE-29</b>.</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 October'24 to March'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	<div>Components of the project are:</div> <table><tr><th>Particulars</th><th>Existing</th><th>proposed</th><th>Total after expansion</th></tr><tr><td>Secured Landfill Capacity (Lacs MT)</td><td>19</td><td>23.86</td><td>42.86</td></tr><tr><td>Incinerator (Million Kcal/hour)</td><td>2 x 12 (EC granted, one installed)</td><td></td><td>2 x 12</td></tr><tr><td>MEE (m3/day)</td><td>200</td><td>760</td><td>960</td></tr><tr><td>ETP (KLD)</td><td>100</td><td>550</td><td>650</td></tr></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	Noted. We obtained CTE for proposed landfill on dated 27.09.2024.
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 m <sup>2</sup>					
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	

	<table><tr><td>Wastewater generation (KL/Day)</td><td>589 KL D</td><td>685. 5 KLD</td><td>1274. 5 KLD</td><td></td></tr></table>	Wastewater generation (KL/Day)	589 KL D	685. 5 KLD	1274. 5 KLD						
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. Municipal solid waste from 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. Solar Panels are installed on the top of Capped Landfill.									
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: <table><tr><td></td><td>No. of module installed</td><td>Capacity</td></tr><tr><td>Existing</td><td>682</td><td>0.22 MW</td></tr><tr><td>Proposed</td><td>30000</td><td>9.9 MW</td></tr></table>		No. of module installed	Capacity	Existing	682	0.22 MW	Proposed	30000	9.9 MW	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	<p>Benefits of the project:</p> <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 &amp; 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>Noted and shall be complied.</p> <p>Transportation of Hazardous waste is being done as per Hazardous &amp; other waste (Management and transboundary movement) rules 2016.</p>
16	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	Noted.



17	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).	Noted.
<b>1.</b>	<b>Specific Conditions</b>	
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"> <li>• Truck/Dumper is covered with tarpaulin.</li> <li>• The roads are Pucca type, regular carpeting &amp; its maintenance will be carried out.</li> <li>• The peripheral tree plantation /along the road (Internal) is proposed.</li> <li>• Water sprinkling system is installed in plant premises.</li> <li>• Landfill gas is generated as a product of waste biodegradation or on account of presence of VOC in the waste. Gas generation is minimized by avoiding disposal of biodegradable/ organic waste.</li> <li>• We have proposed adequate number of gas vents.</li> </ul> <p>We are monitoring fugitive emission in plant premises quarterly by GPCB recognized labs. Fugitive emission monitoring report of Feb'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	Complied.

	green belt outside the project premises in adjacent areas through social forestry.	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.
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 <b>ANNEXURE-03</b> .
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 are regularly submitting quarterly protocol to GPCB and also submitting online on CPCB site.
1.8	Guidelines for Secured Landfill issued by CPCB shall be followed.	Complied. Compliance of CPCB guideline is attached as <b>ANNEXURE-03</b> .
1.9	Necessary provision shall be made for fire-fighting facilities within the complex.	Complied. <ul style="list-style-type: none"> <li>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.</li> <li>Fire hydrant line network is also developed considering proper pressure, emergency water storage (Tank cap-1100 KL) and adequate nos. of hydrant posts.</li> </ul>
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 <b>ANNEXURE-10</b>
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.”  <b>Noted and shall be Complied.</b>																																
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).	Complied. Total water consumption in the last 6 months is <u>22118</u> KL and per day is @ 154.49 KLD. Summary of the same as below. <table><tr><th>Sr. No</th><th>Month</th><th>Water Consumption (KL/ month)</th><th>Average (KLD)</th></tr><tr><td>1</td><td>Oct-24</td><td>4483</td><td>144.61</td></tr><tr><td>2</td><td>Nov-24</td><td>4158</td><td>138.60</td></tr><tr><td>3</td><td>Dec-24</td><td>4651</td><td>150.03</td></tr><tr><td>4</td><td>Jan-25</td><td>5228</td><td>168.65</td></tr><tr><td>5</td><td>Feb-25</td><td>3641</td><td>130.04</td></tr><tr><td>6</td><td>Mar-25</td><td>5957</td><td>192.16</td></tr><tr><td colspan="2">Average</td><td>4686</td><td>154.49</td></tr></table>	Sr. No	Month	Water Consumption (KL/ month)	Average (KLD)	1	Oct-24	4483	144.61	2	Nov-24	4158	138.60	3	Dec-24	4651	150.03	4	Jan-25	5228	168.65	5	Feb-25	3641	130.04	6	Mar-25	5957	192.16	Average		4686	154.49
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1.14	Gas generated in the Landfill should be properly collected, monitored, and flared.	Complied. <ul style="list-style-type: none"><li>Landfill gas shall be generated as a product of waste biodegradation or on account of the presence of VOC in the waste.</li><li>Gas generation is monitored BDL as we avoid disposal of</li></ul>																																

		<p>biodegradable/organic waste to landfill.</p> <ul style="list-style-type: none"> <li>• We have proposed an adequate number of gas vents. And we are carrying out regular monitoring of these vents for VOC &amp; HC.</li> <li>• The results are attached as <b>ANNEXURE-27</b>.</li> </ul>
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.	<p>Complied.</p> <ul style="list-style-type: none"> <li>• We have a total of 4 monitoring (1 up-stream and 3 down-stream) wells installed around the landfill.</li> <li>• Analysis of Monitoring well is done once in Month (internally &amp; by third party). Those reports are submitted to SPCB in monthly report and at MoEF&amp;CC &amp; CPCB/SPCB in protocol. The results are attached as <b>ANNEXURE-05</b>.</li> <li>• Moreover, we have carried out trend analysis of ground water monitoring results through NPC New Delhi.</li> </ul>
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.	<p>Complied.</p> <ul style="list-style-type: none"> <li>• Ground water table at the project site has been ascertained through the GWRDC before initiating construction of secured landfill site.</li> <li>• 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 (&gt; 2 m as per the landfill criteria) meter above the ground water table.</li> <li>• Report of GWRDC is attached as <b>ANNEXURE-01</b>.</li> </ul>
1.17	Project proponent 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 a safe manner.</p>
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	<p>Noted and shall be complied.</p> <p>We are doing TCLP test for leachates on monthly basis and are submitting results in monthly report to GPCB regularly.</p>

	Procedure (TCLP) test should be performed on leachates regularly.	
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 line only once its analysis is carried out and the results are found satisfactory. If results are not satisfactory, then the rainwater runoff from the storm water drain is collected and treated in MEE 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	Noted. Only authorized person can enter the premises after proper security check-up.

	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.	Complied. Inside the premises dedicated parking area is provided to avoid any kind of traffic.
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	Noted. GIDC have provided wide roads in the estate and there is no traffic congestion.
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.	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.
<b>1</b>	<b>Statutory compliance</b>	
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.	Not Applicable. <ul style="list-style-type: none"> <li>The existing site is in notified GIDC area and already has applicable clearance/permissions from respective authority.</li> <li>Permission of Forest Conservation Act, 1980 is not required as our existing site is already in notified GIDC area.</li> </ul>
1.2	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not Applicable. <ul style="list-style-type: none"> <li>The existing site is in notified GIDC area and already has applicable clearance/permissions from respective authority.</li> </ul>

		<ul style="list-style-type: none"> <li>• Permission of Wildlife (Protection) Act, 1972 is not required as our existing site is already in notified GIDC area.</li> </ul>
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)	<p>Not Applicable.</p> <ul style="list-style-type: none"> <li>• The existing site is in notified GIDC area and already has applicable clearance/permissions from respective authority.</li> </ul>
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.	<p>Complied.</p> <p>We have obtained CTE on dated 27 09.2024 from GPCB.</p> <p>We have started construction activity for the expansion of landfill capacity as per CTE obtained.</p>
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.	<p>Complied.</p> <ul style="list-style-type: none"> <li>• We are fulfilling all the provisions of Hazardous and Other Wastes (Management and Tran's boundary Movement), Rules 2016 and its subsequent amendments. The design and the construction of secured landfill site is as per the guidelines of CPCB with proper leachate collection arrangement. Drawings are approved by IIT, Delhi and they are carrying out inspections.</li> <li>• IIT certificate is attached as <b>ANNEXURE-02</b>.</li> <li>• Summary of CPCB guidelines is attached as <b>ANNEXURE-03</b>.</li> </ul>
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.	<p>Complied.</p> <p>We are complying the conditions and as part of compliance we are submitting protocol regularly to CPCB at Online portal and also submitting to GPCB.</p>
1.7	Incinerator shall be designed as per CPCB guidelines. Energy shall be recovered from incinerator.	<p>Complied.</p> <p>The incinerator is designed as per the CPCB guidelines. We have a WHRB</p>

		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"> <li>The existing site is in the notified GIDC area and already have applicable clearance/ permissions from respective authority.</li> <li>Permission from Civil Aviation Department etc.is not required as our existing site is already in notified GIDC area.</li> </ul>
<b>2</b>	<b>Air quality monitoring and preservation</b>	
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; 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 emission in plant premises quarterly by GPCB recognized labs. Fugitive emission monitoring report of Feb'25 is attached as <b>ANNEXURE-33</b> .
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	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 <b>ANNEXURE-08</b> .



	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.	Complied. Proper SMP 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 MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report	Complied. The summary of continuous monitoring stack emission and air quality monitoring are attached as CEMS SPD results as <b>ANNEXURE-32</b> and manual results are 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.	Complied. We have installed one incinerator with Rotary kiln, secondary combustion chamber, Air pollution control system including bag filter, Scrubber and CEMS. 1. APCD like Spray dryer absorber, Bag filter, wet scrubber and Demister are installed in Incinerator. 2. Online monitoring for PM, SO <sub>2</sub> , NO <sub>x</sub> and CO provided as per CPCB guidelines. Dioxins and Furans emission are monitored quarterly. The results are attached as <b>ANNEXURE-26</b>
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	Complied. We have monitored Dioxins and Furans in the Stacks emissions in February-2025 through NABL accredited laboratory. Third party monitoring reports are attached as <b>ANNEXURE-26</b> .
2.8	Gas generated in the Land fill should be properly collected, monitored and flared	Complied. <ul style="list-style-type: none"> <li>Landfill gas shall be generated as a product of waste biodegradation or on account of the presence of VOC in the waste.</li> <li>Gas generation is monitored BDL as we avoid disposal of biodegradable/ organic waste to landfill.</li> <li>We have proposed an adequate number of gas vents. And we are</li> </ul>

		<p>carrying out regular monitoring of these vents for VOC &amp; HC.</p> <ul style="list-style-type: none"> <li>The results are attached as <b>ANNEXURE27.</b></li> </ul>
2.9	<p>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.</p>	<p>Noted.</p> <p>GIDC have provided wide roads in the estate and there is no traffic congestion.</p>
<b>3</b>	<b>Water quality monitoring and preservation:</b>	
3.1	<p>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</p>	<p>Not Applicable.</p> <p>We have Zero Liquid Discharge Facility.</p>
3.2	<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 ground water quality shall be carried out each season and information shall be submitted to the SPCB and the Regional Office of MoEF&amp;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 &amp; by third party). Those reports are submitted to SPCB in monthly report and at MoEF&amp;CC &amp; CPCB/SPCB in protocol. We have carried out trend analysis of ground water results through NPC New Delhi.</p>
3.3	<p>The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual</p>	<p>Not Applicable.</p> <p>We have Zero Liquid Discharge Facility.</p>

	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.	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 <b>ANNEXURE-05</b> .
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 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 <b>ANNEXURE-01</b> .
3.6	The Company 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 safe manner.
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.	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."  Complied. We are treating leachate and RO reject into MEE.
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	Complied. We have MEE plant followed by MAP+ETP+RO plant for treatment of effluent.

	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.	<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> <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.</p>																																
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>Total water consumption in the last 6 months is <u>28118</u> KL and per day is @ 154.49 KLD. Summary of the same as below.</p> <table><tr><td>S r . N o</td><td>Month</td><td>Water Consum ption (KL/ month)</td><td>Average (KLD)</td></tr><tr><td>1</td><td>Oct-24</td><td>4483</td><td>144.61</td></tr><tr><td>2</td><td>Nov-24</td><td>4158</td><td>138.60</td></tr><tr><td>3</td><td>Dec-24</td><td>4651</td><td>150.03</td></tr><tr><td>4</td><td>Jan-25</td><td>5228</td><td>168.65</td></tr><tr><td>5</td><td>Feb-25</td><td>3641</td><td>130.04</td></tr><tr><td>6</td><td>Mar-25</td><td>5957</td><td>192.16</td></tr><tr><td colspan="2">Average</td><td>4686</td><td>154.49</td></tr></table>	S r . N o	Month	Water Consum ption (KL/ month)	Average (KLD)	1	Oct-24	4483	144.61	2	Nov-24	4158	138.60	3	Dec-24	4651	150.03	4	Jan-25	5228	168.65	5	Feb-25	3641	130.04	6	Mar-25	5957	192.16	Average		4686	154.49
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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	Noted. We are treating sewage in the ETP plant and then R.O plant. Treated water is used within the premises.
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.	Not Applicable. We have Zero Liquid Discharge facility under which treated water is utilized for 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 line only once its analysis is carried out and the results are found satisfactory. If results are not satisfactory, then the rainwater runoff from the storm water drain is collected and treated in MEE through ETP to achieve ZLD as per our CCA.
<b>4</b>	<b>Noise monitoring and prevention</b>	
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 <b>ANNEXURE-12</b> .
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 <b>ANNEXURE-12</b> .
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 is provided require PPE's.

<b>5</b>	<b>Energy Conservation measures</b>	
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.
<b>6</b>	<b>Waste management</b>	
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 1531 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 <b>ANNEXURE-05b..</b>
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.
<b>7</b>	<b>Green Belt</b>	
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 <b>ANNEXURE-28.</b>

7.2	Topsoil shall be separately stored and used in the development of green belt	Noted.
<b>8</b>	<b>Public hearing and Human health issues</b>	
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. Inside the premises dedicated parking area is provided to avoid any kind of 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 <b>ANNEXURE-10</b> . 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 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
<b>9</b>	<b>Miscellaneous</b>	
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 <b>ANNEXURE-25</b> .
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	Complied. Copies of Environmental clearance submitted to gram panchayat on date

	addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	16/11/2023 and attached as <b>ANNEXURE-25.</b>
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.	Complied. We regularly upload compliance reports of all EC conditions on our website in the compliance section. Snapshot of BEIL website is attached as <b>ANNEXURE-34.</b>
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 <b>ANNEXURE-35.</b>
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: 7. Mr. Manoj Patel: Vice President – Project (BE Civil) 8. Ms. Rakshita Vyas: Senior Manager – Environment (M.Sc. Env. Science) 9. Mr. Satish Gaddam: Head, Environment Laboratory (M.Sc. in organic chemistry) 10. Atul Agrawal: Sr. General Manager (B.E. Mechanical and Post Diploma in Environmental Technology) 11. Kruti Thumar: Officer- Environment



		<p>(ME-Environment)</p> <p>12. Dnyaneshwar Patil: Officer-Environment (BE-Environment)</p> <p>Corporate Environment Cell:</p> <p>1. Mr. B.D. Dalwadi - CEO - (BE – Chemical)</p> <p>2. Dr. P N Parameswaran: Advisor – Environment</p>
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.	<p>Complied.</p> <p>EMP Compliance is attached as <b>ANNEXURE-19</b>.</p> <p>A separate account (Escrow account) is maintained for environment protection. These funds are not diverted for any other activity. The details are submitted quarterly.</p>
9.8	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	<p>Complied.</p> <p>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 <b>ANNEXURE-06</b>.</p>
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.	<p>Complied.</p> <p>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.</p>
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	<p>Complied.</p> <p>we have digital display board at front of our main entry gate which displays all required data and monitoring parameters.</p>
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.	<p>Complied.</p> <p>The GPCB is informed time to time about the status of project.</p>

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 all the conditions of CCA by 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 Ministry of Environment, Forests and Climate Change (MoEF&CC).	Noted.
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 and shall be complied.
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](mailto: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.

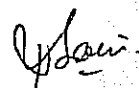
Sub:- Geohydrological survey at Bharuch Enviro. Infrastructures Limited,  
Dahej, Plot No.43, Dahej-1 Campus.

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 I<sup>st</sup>, II<sup>nd</sup> & III<sup>rd</sup> 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° 32' 50" to 72° 37' 40" East longitude and 21° 40' 41" to 21° 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° , Winter season from November to February with minimum temperature up to 12° 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.I) The minimum water level ranges from 2.60 Mts. observed at village Atali of Vagra Taluka to 9.90 mts. at village Daheji of Vagra Taluka. The average seasonal fluctuation observed is 1.62 Mts to 2.39 Mts in the area.

### **GROUND WATER QUALITY:**

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

### **CONCLUSIONS:**

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

### **RECOMMENDATIONS:**

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

The specification of exploratory bore well is mentioned below.

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

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

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

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

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

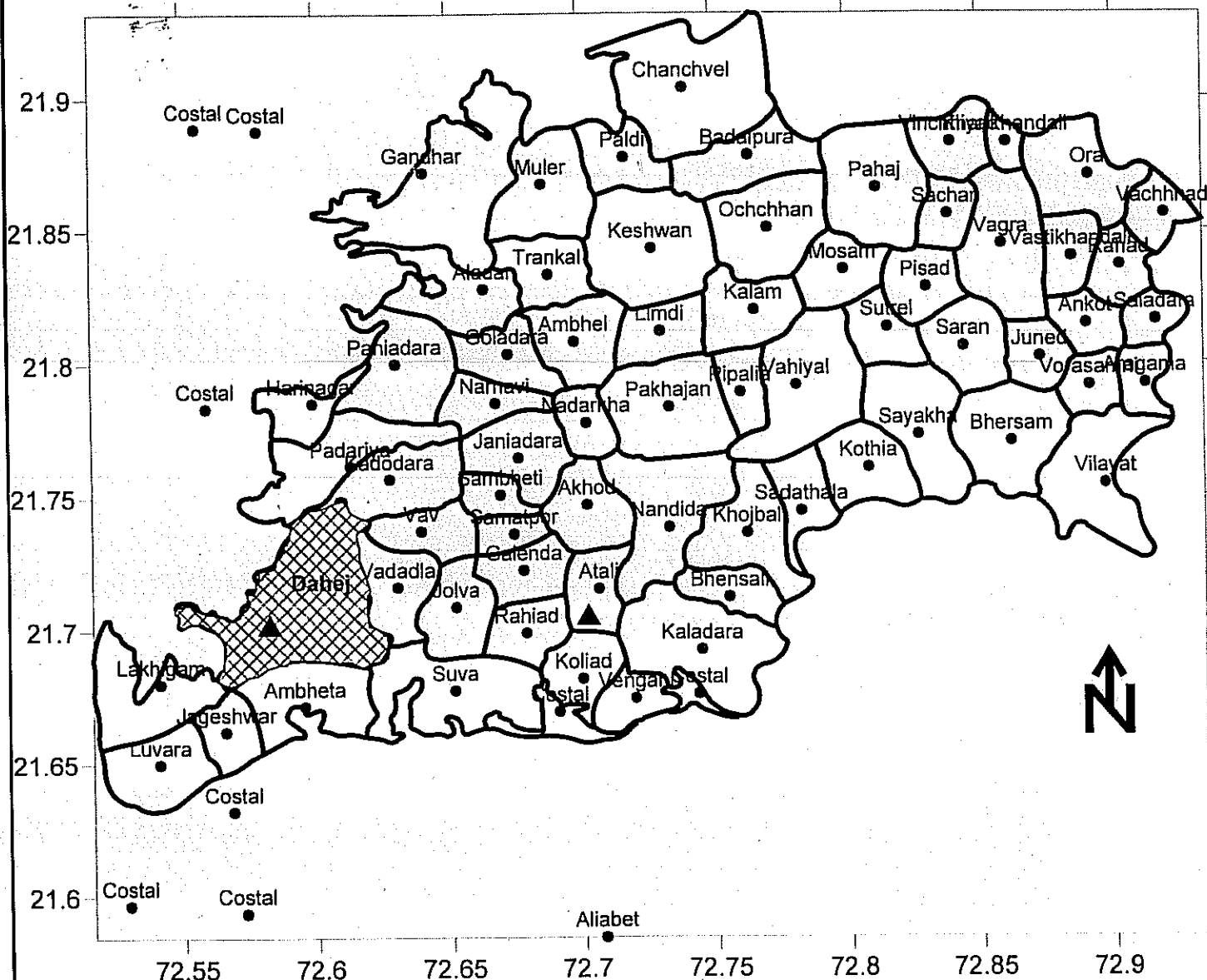
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STATEMENT SHOWING WATER LEVEL AND QUALITY OF PIEZOMETERS DRILLED FOR LAST FIVE YEARS

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



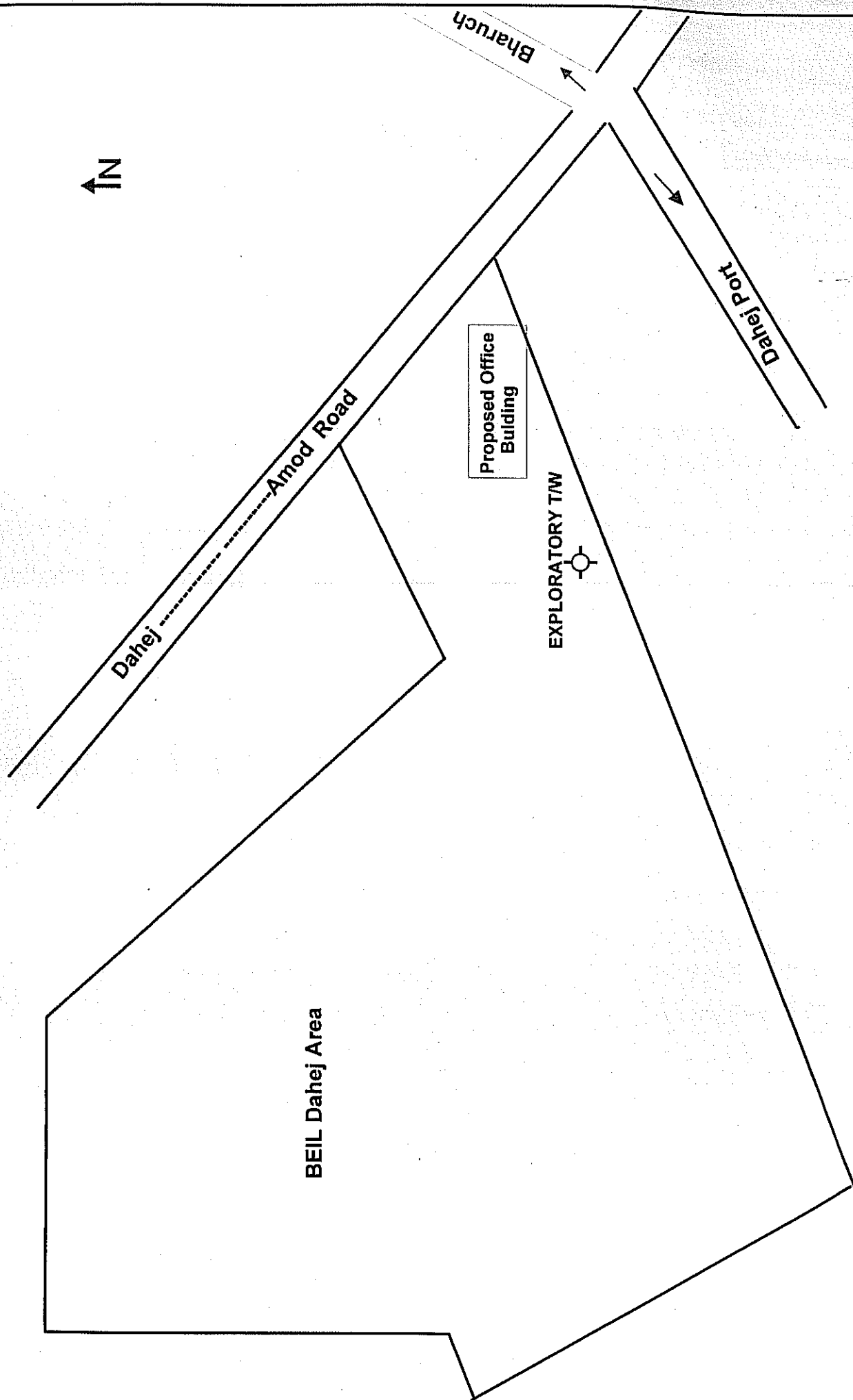
VILLAGE DAHEJ


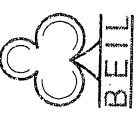


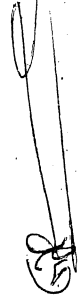


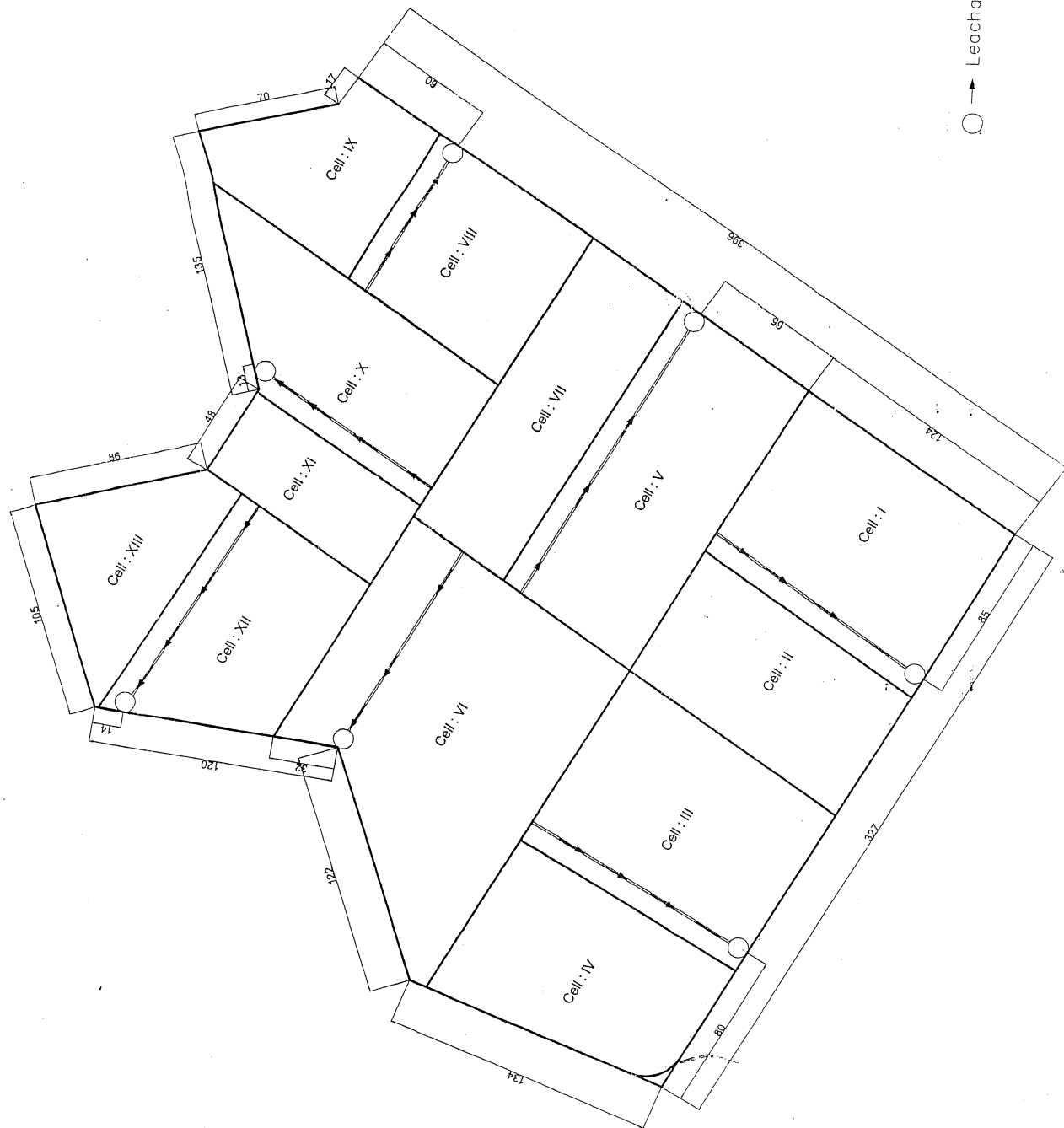
MONITORING PIEZOMETER

Plate-II

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



NAME OF DRAWING <b>PLAN OF YEARLY PHASES OF LANDFILL</b>		
PROJECTS : <b>CONSTRUCTION OF SECURED LANDFILL FACILITY</b>		
 <b>BHARUCH ENVIRO INFRASTRUCTURE LIMITED</b> PLOT NO: 43, GIDC, DAHEJ		
DESIGN & DRAWN BY :  <b>BHARUCH ENVIRO INFRASTRUCTURE LIMITED</b> PLOT NO: 43, GIDC, DAHEJ 		
APPROVED BY <b>INDIAN INSTITUTE OF TECHNOLOGY, NEW DELHI</b>  <b>Dr. Manoj Datta</b> 21/10 Professor Civil Engineering Department Indian Institute of Technology Delhi Hauz Khas, New Delhi - 110016 		
DRG NO	REV.	DATE
BEIL-LAY-05		26.09.13
ALL DIMENSIONS SHOWN ARE IN METER		SCALE N.T.S.



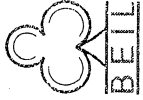
**PLAN OF YEARLY PHASES OF LANDFILL**

NAME OF DRAWING

GENERAL LAYOUT

PROJECTS :

CONSTRUCTION OF SECURED LANDFILL FACILITY



BHARUCH ENVIRO INFRASTRUCTURE LIMITED

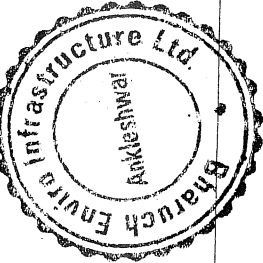
PLOT NO: 43, GIDC, DAHEJ

DESIGN & DRAWN BY :



BHARUCH ENVIRO INFRASTRUCTURE LIMITED

PLOT NO: 43, GIDC, DAHEJ



APPROVED BY

INDIAN INSTITUTE OF TECHNOLOGY,  
NEW DELHI

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

DRG NO

BEIL-LAY-01

REV.

DATE

26.09.13

SCALE

ALL DIMENSIONS SHOWN ARE IN METER

N.T.S.

NEW/PROPOSED BUILT UP AREA FOR APPROVAL						
Sr. No.	BUILDING NAME	BLOCK NO	GROUND FLOOR	FIRST FLOOR	OTHER FLOOR	TOTAL
01	SECURITY CABIN & TIME OFFICE	01	225.00MP	-	-	225.00MP
02	LAB.	02	100.00MP	-	-	100.00MP
03	MCC/FCC & DG ROOM	03	150.00MP	-	-	150.00MP
04	WEGH DREDGE	04	54.00MP	-	-	54.00MP
05	UG TANK	05	208.00MP	-	-	208.00MP
06	SHED	06	770.00MP	-	-	770.00MP
07	MEE	07	554.00MP	-	-	554.00MP
08	COOLING TOWER	08	432.00MP	-	-	432.00MP
09	BOILER HOUSE	09	720.00MP	-	-	720.00MP
10	UG TANK	10	280.00MP	-	-	280.00MP
11	AQUEOUS WASTE STORAGE AREA	11	3083.55MP	-	-	3083.55MP
TOTAL			6554.55MP	-	-	6554.55MP

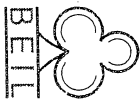
(12)  
HAZARDOUS WASTE PIT

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

*Signature*



APPROVED BY

INDIAN INSTITUTE OF TECHNOLOGY,  
NEW DELHI

*Signature*

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

DRG NO

REV.

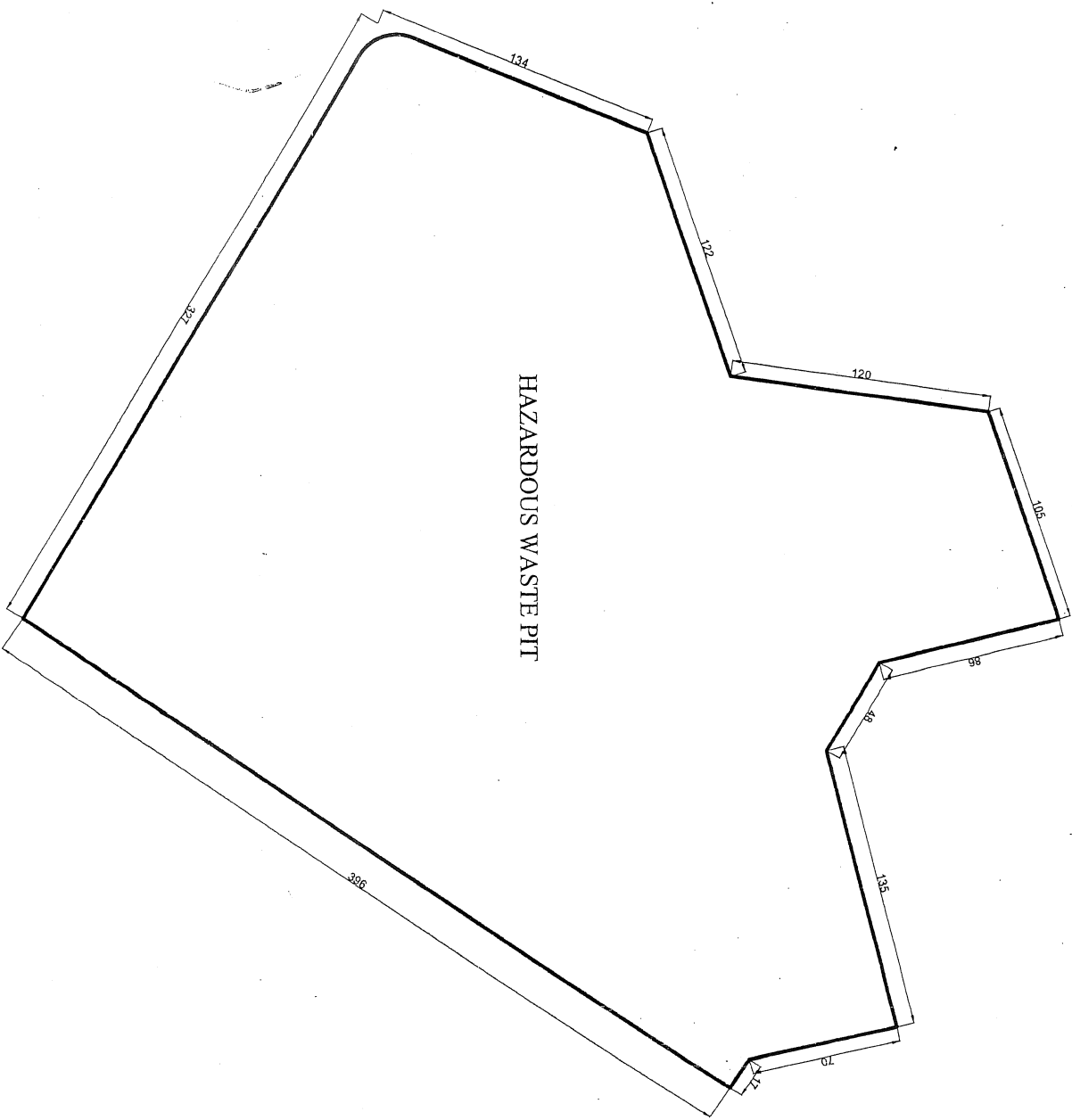
DATE

BEIL-LAY-02

26.09.13

ALL DIMENSIONS SHOWN ARE IN METER

SCALE  
N.T.S.



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 11<sup>th</sup> March 2015 at your Dahej site regarding the Cell I of Landfill of Bharuch Enviro Infrastructure Limited.

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

Yours sincerely,

  
(Dr. Manoj Datta)



**INDIAN INSTITUTE OF TECHNOLOGY, DELHI**  
**Department of Civil Engineering**  
**Hauz Khas, New Delhi – 110 016**

**Dr. Manoj Datta**  
Professor & Head

Phone: 26591183/26591241 (O)  
Fax: 26581117/26862037  
Email: [mdatta@civil.iitd.ac.in](mailto:mdatta@civil.iitd.ac.in)

IITD/CE/MD/2016  
4<sup>th</sup> 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 16<sup>th</sup> Feb 2016, inspection of active phase (under construction) and review of records and associated documents.

**Review Report**

**Landfill Design:**

The methodology of design, construction and operation is satisfactory.

**Landfill Layout:**

Plan and layout depicts phased operation.

**Landfill Section:**

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

**Phased Operation:**

Landfill is operated in yearly phases.

**Leachate Quantity:**

Generation of leachate is minimized by keeping exposed active area small.

**Liner System:**

Liner System is as per HW landfill guidelines. All essential components (including HDPE geomembrane and barrier soil layer) meet minimum requirements as specified.

**Leachate Collection and Removal:**

Leachate collection layer, drainage slopes, collection sump, leachate well and other components all comply with HW guidelines

**Leachate Management:**

Multiple effect evaporator (offsite).

**Gaseous Emissions Management:**

Gas collection layer and passive venting provided in design.

**Final Cover System:**

Gas collection layer, barrier layer, HDPE geomembrane, drainage layer, top soil and vegetation grass / rubble + vegetation meet HW guidelines.

**Surface Water Drainage System:**

Berms, drainage channels and surface water drain provided adequately

**Slope Stability:**

Adequate safety against slippage along interfaces of different layers.



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

Environmental Monitoring System: Ground water wells installed.

Site Development: Planned in phases.

Record Keeping: Satisfactory.

Waste Inspection: Adequate facilities.

Phase Development and operation: Yearly

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

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

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

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

### **Conclusions**

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



(Dr. Manoj Datta)



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**Dr. Manoj Datta**  
Professor

Phone: 26591183/26591241 (O)  
Fax: 26581117/26862037  
Email: [mdatta@civil.iitd.ac.in](mailto:mdatta@civil.iitd.ac.in)

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

IITD/CE/MD/2019  
7<sup>th</sup> June 2019

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 1<sup>st</sup> May 2019, inspection of construction work as well as review of records and associated documents. Closure activities on Cell 5 were reviewed. Base liner system of monsoon storage shed (second part) was also reviewed.

**Review Report**

Const. of Cells-3&4

- (a) Construction of Cells 3&4 completed; inspected during site visit.
- (b) All components installed as per design.
- (c) Side slopes as per design.
- (d) Geosynthetic materials and soil layers as per specifications.
- (e) Thickness of components adequate.
- (f) Drainage layers as per design.
- (g) Separation and filtration layers as per design.

Monsoon Storage Shed

- (a) Second part of monsoon storage shed inspected visually.
- (b) Base liner system is as per design and construction completed.

Closure of Cell 5

- (a) Work underway; operations inspected during site visit

Landfill Design:

Design, construction and operating methodology is satisfactory.

Landfill Layout:

Layout meets requirements of phased operation.

Landfill Section:

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

Phased Operation:

Operation is in yearly phases.

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

## Conclusions

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

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



(Dr. Manoj Datta)



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

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

Date: 11.04.2022

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

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

**Overview**

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

**Review Report**

Construction of Cell-6:

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

Landfill Design:  
Landfill Layout:  
Landfill Section:  
Phased Operation:  
Leachate Quantity:  
Liner System:

Design, construction, and operating methodology is satisfactory.  
Layouts meets requirements of phased operation.  
Landfill side slopes, liner and cover provisions are as per design.  
Operation is in yearly phases.  
Minimized by temporary covering during monsoons. All leachate pumped out and treated.  
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: Gas collection layer and passive venting provided in design.

**Management:**

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: Ground water wells for monitoring.

**Monitoring System:**

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: Provision of funds for maintenance after closure.

Maintenance System:

**Conclusions**

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

Cell-6 is now ready to receive the waste.



(G. V. Ramana)

Professor

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



(Manoj Datta)

Professor

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



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

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

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

Date:05.05.2023

**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**

- (a) Construction of Cell- 7,8,9,10 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.

**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**

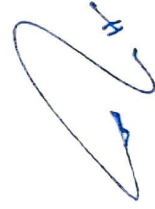
Progressive closure and joining of cover system with completion of each phase.

**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.



(G.V. Ramana)

Dr. G.V. Ramana, Professor

Professor  
Department of Civil Engineering  
Indian Institute of Technology Delhi  
Hauz Khas, New Delhi-110016



(Manoj Datta)

Professor

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





**INDIAN INSTITUTE OF TECHNOLOGY DELHI**  
**Hauz Khas, New Delhi – 110 016, INDIA**  
Phone : +91-11-2659 1214/2659 1241 (O)  
          : +91-11-2659 1551 (R)

**Dr. G.V. Ramana**

Professor

Department of Civil Engineering

E-mail : ramana@civil.iitd.ac.in  
          : gvramaniitdelhi@gmail.com

**Mr. Manoj Patel**

BEIL Infrastructure Limited

Plot No. D-43

Dahej-Amod Road

Dahej - 392130

Ta-Vagra

Dist-Bharuch (Gujarat)

April 22<sup>nd</sup> 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.



(G V Ramana)

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

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

<b>Sr. No.</b>	<b>Conditions</b>	<b>Status</b>
1.	<p>Location Criteria:</p> <ul style="list-style-type: none"> <li>- Lake or Pond: 200 Mtrs</li> <li>- River: 100 Mtrs</li> <li>- Flood plain: 100 years</li> <li>- Highway: 500 Mtrs</li> <li>- Habitation: 500 Mtrs</li> <li>- Public Parks: 500 Mtrs</li> <li>- Critical habitat Area: No landfill</li> <li>- Wetlands: No landfill</li> <li>- Airport: No Landfill</li> <li>- Water Supply: 500 Mtrs</li> <li>- Coastal Regulation Zone: No landfill</li> <li>- Ground Water table level: &lt; 2 meters below the base</li> </ul>	<p><b>Complied</b></p> <p>Landfill is located in Vagra Taluka fulfilling all the criteria mentioned in the guidelines.</p> <ul style="list-style-type: none"> <li>• Nearest railway station is at about 50 Km, Bharuch.</li> <li>• Nearest village is at about 3.76 KM, Dahej.</li> <li>• Nearest airport is at about 75 Km, Vadodara.</li> <li>• 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.</li> <li>• The CRZ area is about 7.0 Km away from the project site.</li> </ul>
2.	Planning And Design criteria:	<b>Complied</b>
	<p>1. Essential Components:</p> <ul style="list-style-type: none"> <li>- Liner System at base and sides of landfill</li> <li>- A leachate collection and treatment facility</li> <li>- Gas collection and treatment facility</li> <li>- Final cover system at top</li> <li>- Surface water drainage system</li> <li>- Environmental monitoring system</li> <li>- Closure and post closure plan</li> </ul>	<p>Appropriate base and sideliners has been provided according to the criteria. Leachate collection wells (Total 7 wells for the cell 1, cell 2 &amp; cell 5, cell 3, cell 4, cell 6, cell 7, cell 8, cell 9 &amp; cell 10 &amp; 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 &amp; 5 are partially capped, Surface water drainage system is provided.</p>
	<p>2. Phased Operation:</p> <ul style="list-style-type: none"> <li>- During the monsoon months the waste may stockpiled in a temporary holding area (covered with roof). During this period and the landfill may be kept capped with final cover/ intermediate cover and landfill operations suspended to reduce infiltration of rainwater into the landfill.</li> </ul>	<p><b>Complied.</b></p> <p>Landfill site operation is being suspended during the 4 months of monsoon. We have 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"> <li>- Leachate control within a landfill involves the following steps:</li> <li>(a) prevention of migration of leachate from landfill sides and landfill base to the subsoil by suitable liner system; and</li> <li>(b) drainage of leachate collected at the base of a landfill to the side of the landfill and removal of the leachate from within the landfill.</li> </ul>	<p><b>Complied.</b></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"> <li>- Offsite Treatment</li> <li>- Onsite Treatment</li> <li>- Recirculation</li> </ul>	<p><b>Complied.</b></p> <p>Leachate collection wells (Total 7 wells for the cell 1, cell2 &amp; cell5, cell3, cell4, cell6, cell7,cell 8,cell 9,cell 10 &amp; Monsoon cell) has been provided and collectedleachate 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"> <li>- Controlled passive venting.</li> <li>- Controlled collection and treatment</li> </ul>	<p><b>Complied.</b></p> <p>At present only cell 1 is capped and cells 2 &amp; 5 are partially capped.</p>
<p>6. Final Cover System</p>	<p><b>Complied.</b></p> <p>At present cell 1 is capped and cells 2 &amp; 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"> <li>- Site Entrance and Fencing.</li> <li>- Administrative and Site Control Offices</li> <li>- Access Roads</li> <li>- Waste Inspection and Sampling Facility.</li> <li>- Equipment Workshops and Garages.</li> <li>- Signs and Directions</li> <li>- Water Supply</li> <li>- Lighting</li> <li>- Vehicle Cleaning Facility</li> <li>- Fire Fighting Equipment</li> </ul>	<p><b>Complied.</b></p> <p>All the facilities like site entrance and fencing, administration, site control offices, access roads, waste inspection, sampling facility, water supply, lightings, vehicle cleaning facility, firefighting equipment, signs and directions etc. have been provided.</p>
<p>8. Environment Monitoring System:</p>	<p><b>Complied.</b></p> <ul style="list-style-type: none"> <li>• Regular monitoring of leachate quality, air quality, and noise is being carried out.</li> <li>• Monitoring of</li> </ul>

		groundwater, leachate, VOC generation, ambient air monitoring, noise monitoring has been conducted on regular basis.
	9. Closure and post closure maintenance plan:	<b>Complied.</b> 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	<b>Complied.</b> 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"> <li>- Site Development</li> <li>- Phase development</li> <li>- Phase operation</li> <li>- Phase closure</li> <li>- Landfill closure</li> <li>- Post closure vegetative stabilization</li> </ul>	<b>Complied.</b> Proper facilities for site development like record keeping for site manual, site reports, vehicle inspection is provided.
5.	Inspection, Monitoring and record keeping criteria: <ul style="list-style-type: none"> <li>- During construction of liners and covers</li> <li>- During operation</li> <li>- During closure and post closure period</li> <li>- Environmental Monitoring System</li> </ul>	<b>Complied.</b> Regular inspections of liners, and covers was being conducted during construction phase of landfill. Adequate environmental monitoring system has been provided.
6.	Financial Assurance Criteria	<b>Complied.</b> 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	<b>Complied.</b> We have onsite emergency plan, which is updated on yearly basis and submitted to GPCB, RO.

**BEIL Infrastructure Limited Dahej**

# Finger print analysis by QA Department

**NAME OF THE PRODUCT :**

## INDUSTRIAL WASTE FOR INCINERATION

[illegible]

12	01.04.25	50000149923	30116537	1.36	3709	2.28	2.08		Bag	Solid	0.89	8.19
		100155995										
13	02.04.25	50000150360	30116975	1.06	5156	1.91	78.32	5.3	Drum	Organic Liquid	0.67	6.46
		100156432										
14	02.04.25	50000150371	30116987	2.83	3679	1.23	4.14		Bag	Solid	0.27	5.3
		100156443										
15	02.04.25	50000150394	30117008	1.32	3968	1.31	3.84		Bag	Solid	0.28	7.34
		100156466										
16	02.04.25	50000150529	30117034	1.36	3878	1.26	1.96		Bag	Solid	0.25	7.8
		100156610										
17	02.04.25	50000150652	30117144	1.18	3929	1.3	2.14		Bag	Solid	0.36	8.07
		100156735										
18	02.04.25	50000150656	30117147	1.23	3783	1.43	2.23		Bag	Solid	0.42	7.73
		100156741										
19	02.04.25	50000150767	30117262	1.08	3747	1.27	2.52		Bag	Solid	0.35	5.8
		100156865										
20	02.04.25	50000150764	30117258	1.12	3798	1.11	2.63		Bag	Solid	0.31	6.1
		100156862										
21	03.04.25	50000150857	30117351	1.28	4393	1.79	2.05		Bag	Solid	0.39	8.59
		100156955										
22	03.04.25	50000150871	30117365	2.25	4974	6.3	58.32		Drum	Semi solid	2.58	4.19
		100156969										
23	03.04.25	50000150890	30117384	1.63	3150	30.2	6.78		Bag	Solid	0.98	2.78
		100156988										
24	03.04.25	50000150882	30117376	1.42	2892	10.72	55.24		Drum	Semi solid	0.79	2.78
		100156980										
25	03.04.25	50000151244	30117629	1.18	4489	1.71	2.32		Bag	Solid	0.56	6.19
		100157358										
26	04.04.25	50000151425	30117812	1.24	4219	1.79	3.8		Bag	Solid	0.78	7.9
		100157543										
27	04.04.25	50000151447	30117834	1.66	4151	1.72	2.58		Bag	Solid	0.56	7.98
		100157565										
28	04.04.25	50000151466	30117853	1.76	4171	1.56	2.43		Bag	Solid	0.39	5.78





46	06.04.25	100158664	30118689	1.91	4012	1.52	3.2			Bag	Solid	0.32	7.48
		50000152534											
		100158670											
47	06.04.25	50000152551	30118706	1.67	3968	1.41	2.45			Bag	Solid	0.38	7.52
		100158687											
48	06.04.25	50000152579	30118734	1.47	3827	1.4	2.17			Bag	Solid	0.44	6.96
		100158715											
49	06.04.25	50000152607	30118762	1.48	3862	1.12	2.18			Bag	Solid	0.26	7.18
		100158743											
50	06.04.25	50000152548	30118703	1.2	4596	1.31	55.42			Drum	Semi solid	0.47	2.37
		100158684											
51	06.04.25	50000152609	30118764	1.86	3681	23.45	58.64			Drum	Semi solid	0.64	2.81
		100158745											
52	06.04.25	50000152627	30118782	6.24	3957	28.04	11.56			Bag	Solid	0.58	5.76
		100158763											
53	06.04.25	50000152639	30118794	35.42	875	1.06	4.79			Bag	Solid	0.58	4.15
		100158775											
54	07.04.25	50000153027	30119050	3.16	4004	12.22	11.44			Drum	Solid	0.89	2.79
		100159163											
55	07.04.25	50000153319	30119258	13.46	2932	2.09	2.58			Bag	Solid	0.35	6.8
		100159459											
56	07.04.25	50000153380	30119315	4.25	3661	1.68	2.36			Bag	Solid	0.4	5.5
		100159520											
57	07.04.25	50000153418	30119351	14.74	3133	4.3	9.57			Drum	Solid	0.95	9.2
		100159558											
58	07.04.25	50000153426	30119359	1.49	3370	1.72	2.24			Bag	Solid	0.47	6.18
		100159566											
59	07.04.25	50000153460	30119393	2.39	2951	14.87	61.53			Drum	Semi solid	0.78	3.2
		100159600											
60	08.04.25	50000153491	30119424	1.77	4171	2.2	3.61			Bag	Solid	0.37	8.18
		100159631											
61	08.04.25	50000153500	30119433	1.56	4040	2.26	2.77			Bag	Solid	0.38	8.39
		100159640											
62	08.04.25	50000153501	30119434	1.66	4219	1.85	3.19			Bag	Solid	0.4	7.19

63	08.04.25	100159641	30119481	1.46	3886	1.24	2.2				Bag	Solid	0.26	8.08
		50000153548												
		100159688												
64	08.04.25	50000153541	30119474	1.59	3973	1.17	3.5				Bag	Solid	0.31	7.54
		100159681												
65	08.04.25	50000153552	30119485	1.15	3941	1.18	2.04				Bag	Solid	0.34	6.1
		100159692												
66	08.04.25	50000153559	30119492	0.96	3371	2.13	86.14	8.32			Drum	Organic Liquid	0.63	7.98
		100159699												
67	08.04.25	50000153582	30119515	1.04	204	2.55	91.39	83.19			Drum	Aqueous Liquid	0.68	6.24
		100159722												
68	08.04.25	50000153913	30119719	1.39	3973	2.04	2.48				Bag	Solid	0.56	8.08
		100160065												
69	08.04.25	50000154021	30119824	23.66	2350	30.91	14.22				Bag	Solid	0.64	5.14
		100160175												
70	08.04.25	50000154023	30119826	28.13	1505	1.12	2.08				Bag	Solid	0.3	5.86
		100160177												
71	09.04.25	50000154144	30119947	1.4	3920	1.28	2.6				Bag	Solid	0.32	7.06
		100160298												
72	09.04.25	50000154128	30119931	2.63	5600	15.16	6.89				Drum	Solid	0.52	4.22
		100160282												
73	09.04.25	50000154168	30119971	1.92	3898	1.35	4.19				Bag	Solid	0.28	6.48
		100160322												
74	09.04.25	50000154156	30119959	1.85	4021	1.41	3.65				Bag	Solid	0.34	6.24
		100160310												
75	09.04.25	50000154162	30119965	0.96	3679	27.37	86.2	3.15			cketed Tank	Organic Liquid	0.44	1.06
		100160316												
76	09.04.25	50000154180	30119983	6.79	1575	36.79	7.48				Bag	Solid	0.62	10.35
		100160336												
77	09.04.25	50000154166	30119969	2.21	3747	33.81	87.39	9.74			Drum	Organic Liquid	0.57	1.24



94	12.04.25	50000155904 100162101	30121306	1.5	3447	1.22	2.43		Bag	Solid	0.34	6.24
95	12.04.25	50000155902 100162099	30121304	1.66	3691	1.78	2.16		Bag	Solid	0.71	7.68
96	11.04.25	50000155859 100162056	30121260	6.35	4575	1.42	4.31		Bag	Solid	3.15	8.09
97	11.04.25	50000155802 100161995	30121204	20.93	2070	7.41	9.86		Bag	Solid	0.62	8.34
98	11.04.25	50000155739 100161930	30121149	1.44	3820	1.15	2.38		Bag	Solid	0.33	7.38
99	11.04.25	50000155581 100161772	30121008	1.07	2736	2.4	91.53	15.74	Drum	Organic Liquid	0.8	4.6
100	11.04.25	50000155390 100161581	30120928	0.94	3788	3.02	87.11	8.17	Drum	Organic Liquid	5.33	5.84
101	11.04.25	50000155381 100161572	30120919	1.39	4043	1.19	2.18		Bag	Solid	0.31	6.2
102	11.04.25	50000155329 100161520	30120867	2.6	2254	1.41	88.33	43.55	Tanker	Aqueous Liquid	6.89	1.87
103	11.04.25	50000155324 100161515	30120862	1.49	3896	1.14	2.04		Bag	Solid	0.3	7.4
104	12.04.25	50000156324 100162525	30121609	2.15	3716	26.72	15.25		Bag	Solid	0.55	5.18
105	12.04.25	50000156368 100162571	30121653	1.56	3305	1.6	2.77		Bag	Solid	0.33	6.18
106	12.04.25	50000156421 100162626	30121705	1.56	3811	1.46	2.77		Bag	Solid	0.27	6.7
107	12.04.25	50000156412 100162617	30121696	1.39	6024	11.19	79.64	7.25	Drum	Organic Liquid	0.96	0.75
108	13.04.25	50000156517 100162717	30121793	1.48	3924	1.22	2.24		Bag	Solid	0.31	6.1



125	15.04.25	50000157661 100163881	30122633	1.96	3855	1.39	2.76		Bag	Solid	0.36	7.16
126	14.04.25	50000157565 100163785	30122537	8.58	2031	5.58	52.66		Drum	Semi solid	0.92	5.97
127	14.04.25	50000157502 100163722	30122474	1.64	3736	13.4	53.68		Drum	Semi solid	0.63	0.58
128	15.04.25	50000157757 100163977	30122729	0	0	0	0	0	Drum	Solid	0	0
129	16.04.25	50000158185 100164411	30123044	1.18	3938	1.21	2.16		Bag	Solid	0.31	5.36
130	16.04.25	50000158197 100164423	30123056	1.34	3800	1.34	2.32		Bag	Solid	0.41	7.54
131	16.04.25	50000158206 100164432	30123065	1.4	3768	0.99	2.06		Bag	Solid	0.36	7.43
132	16.04.25	50000158211 100164437	30123070	1.52	3657	1.13	2.11		Bag	Solid	0.53	7.38
133	16.04.25	50000158183 100164409	30123042	1.66	3125	2.81	57.18		Drum	Semi solid	0.65	5.8
134	16.04.25	50000158235 100164461	30123094	1.33	4747	15	53.83		Drum	Semi solid	0.58	3.5
135	16.04.25	50000158516 100164750	30123291	1.42	3839	1.11	2.48		Bag	Solid	0.32	6.95
136	16.04.25	50000158246 100164472	30123105	3.4	3552	1.42	2.16		Bag	Solid	0.63	6.35
137	16.04.25	50000158262 100164488	30123121	0.96	4216	31.37	73.46		cketed Tank	Organic Liquid	0.41	1.32
138	17.04.25	50000159077 100165332	30123749	1.41	3843	1.28	3.45		Bag	Solid	0.31	7.54
139	17.04.25	50000158788 100165031	30123561	1.49	4231	3.24	81.69	22.62	Drum	Organic Liquid	4.62	5.81
140	17.04.25	50000158773 100165013	30123546	1.07	3744	1.16	2.96		Bag	Solid	0.46	5.17

141	17.04.25	50000158749	30123522	1.28	3822	1.28	2.91		Bag	Solid	0.39	4.68
		100164989										
142	17.04.25	50000158725	30123498	1.15	4030	1.39	3.57		Bag	Solid	0.53	3.68
		100164965										
143	17.04.25	50000158712	30123485	1.29	3967	1.18	3.44		Bag	Solid	0.27	8.16
		100164952										
144	17.04.25	50000158960	30123632	9.14	739	1.12	7.16		Bag	Solid	0.39	7.38
		100165213										
145	18.04.25	50000159294	30123964	2.2	3122	1.38	5.4		Bag	Solid	0.38	8.04
		100165551										
146	18.04.25	50000159305	30123975	1.51	3773	1.31	3.6		Bag	Solid	0.3	7.15
		100165562										
147	18.04.25	50000159323	30123993	1.71	3992	1.2	3.38		Bag	Solid	0.33	7.31
		100165580										
148	18.04.25	50000159374	30124044	1.76	3676	1.32	2.82		Bag	Solid	0.41	7.24
		100165631										
149	18.04.25	50000159648	30124200	2.81	1086	1.09	81.67	62.37	Drum	Aqueous Liquid	0.78	8.59
		100165911										
150	18.04.25	50000159699	30124251	1.48	3925	1.22	2.81		Bag	Solid	0.33	7.36
		100165968										
151	18.04.25	50000159681	30124233	1.42	3837	1.23	2.08		Bag	Solid	0.26	6.1
		100165950										
152	18.04.25	50000159702	30124254	2.41	3932	1.18	3.96		Bag	Solid	0.3	6.5
		100165971										
153	18.04.25	50000159759	30124311	2.13	3637	1.38	3.66		Bag	Solid	0.34	6.8
		100166028										
154	18.04.25	50000159768	30124320	1.14	4219	1.13	7.65		Bag	Solid	0.59	6.96
		100166037										
155	16.04.25	50000158551	30123324	4.22	472	12.06	81.26	40.14	Tanker	Liquid	10.09	2.59
		100164785										
156	19.04.25	50000159906	30124458	1.28	3641	1.66	1.86		Bag	Solid	0.33	7.23
		100166182										
157	19.04.25	50000159887	30124439	1.42	3738	1.42	2.18		Bag	Solid	0.41	4.5





173	18.04.25	50000159780 100166049	30124332	1.54	5285	13.15	9.22		Drum	Solid	0.35	9.41
174	21.04.25	50000161346 100167647	30125608	28.73	389	4.57	9.22		Drum	Solid	0.72	8.5
175	22.04.25	50000161989 100168319	30126112	1.48	3917	1.25	2.08		Bag	Solid	0.41	7.52
176	22.04.25	50000161755 100168081	30125893	6.35	261	13.13	87.11	47.54	Tanker	Aqueous Liquid	4.89	1.87
177	22.04.25	50000161511 100167823	30125773	17.32	2247	2.94	7.16		Drum	Solid	0.54	8.32
178	22.04.25	50000161554 100167870	30125814	1.26	3986	1.32	3.15		Bag	Solid	0.49	7.32
179	22.04.25	50000161463 100167764	30125725	0.95	4257	22.66	74.92	9.31	Drum	Organic Liquid	0.64	3.92
180	22.04.25	50000161506 100167818	30125768	1.83	3873	1.43	2.62		Bag	Solid	0.38	5.84
181	22.04.25	50000161509 100167821	30125771	13.93	2651	27.7	18.86		Bag	Solid	0.58	4.02
182	22.04.25	50000161457 100167758	30125719	1.33	4520	1.35	53.68		Drum	Semi solid	0.65	2.89
183	22.04.25	50000161492 100167804	30125754	1.16	4015	1.17	3.26		Bag	Solid	0.57	7.32
184	22.04.25	50000161466 100167767	30125729	1.46	3685	1.4	2.09		Bag	Solid	0.27	8.17
185	22.04.25	50000161417 100167718	30125679	1.38	3911	1.64	2.44		Drum	Solid	0.41	7.35
186	22.04.25	50000161414 100167715	30125676	1.29	3672	1.18	2.13		Bag	Solid	0.67	4.76
187	22.04.25	50000161407 100167708	30125669	1.58	3754	1.45	1.98		Bag	Solid	0.52	6.57
188	22.04.25	50000161403 100167704	30125665	1.38	3874	1.32	2.36		Bag	Solid	0.37	7.16



205	24.04.25	50000162704 100169044	30126659	1.82	3993	2	4.32		Bag	Solid	0.39	8.39
206	24.04.25	50000162689 100169029	30126644	1.95	3502	20.19	53.22		Drum	Semi solid	0.59	2.17
207	24.04.25	50000162686 100169026	30126641	1.61	3761	1.36	3.67		Bag	Solid	0.4	4.86
208	24.04.25	50000162675 100169015	30126630	31.67	432	2.24	2.09		Bag	Solid	0.2	8.19
209	25.04.25	50000163329 100169692	30127160	1.63	3724	0.84	2.23		Bag	Solid	0.56	4.37
210	25.04.25	50000163331 100169694	30127162	1.32	3547	1.18	3.24		Bag	Solid	0.41	7.46
211	25.04.25	50000163343 100169706	30127174	1.81	3855	1.09	2.72		Bag	Solid	0.65	5.37
212	25.04.25	50000163375 100169738	30127206	2.18	3241	1.26	2.93		Bag	Solid	0.63	8.79
213	25.04.25	50000163422 100169785	30127253	1.61	3869	0.89	2.51		Bag	Solid	0.55	6.56
214	25.04.25	50000163423 100169786	30127254	1.58	3780	0.98	2.12		Bag	Solid	0.74	7.24
215	25.04.25	50000163618 100169981	30127340	1.46	3855	1.18	2.26		Bag	Solid	0.28	7.56
216	25.04.25	50000163778 100170143	30127500	1.62	3892	1.29	2.08		Bag	Solid	0.33	7.4
217	25.04.25	50000163846 100170214	30127568	1.48	4011	1.19	2.38		Bag	Solid	0.33	7.3
218	25.04.25	50000163866 100170236	30127588	14.65	2208	1.12	3.18		Bag	Solid	0.25	7.5
219	25.04.25	50000163934 100170304	30127656	1.11	4379	9.16	53.19		Drum	Semi solid	0.89	2.19
220	26.04.25	50000163979 100170349	30127701	1.63	3804	1.78	2.71		Bag	Solid	0.55	8.19
221	26.04.25	50000163984 100170354	30127706	1.69	3687	1.62	2.23		Bag	Solid	0.63	7.65

222	26.04.25	50000163996 100170366	30127718	8.58	820	1.98	52.67		Drum	Semi solid	2.78	4.17
223	26.04.25	50000164013 100170383	30127735	1.57	3986	1.89	3.71		Bag	Solid	0.73	6.78
224	26.04.25	50000164012 100170382	30127734	1.17	4026	23.96	58.22		Drum	Tarry	0.93	4.18
225	26.04.25	50000164028 100170398	30127750	1.29	4333	1.67	53.18		Drum	Semi solid	0.82	8.48
226	26.04.25	50000164032 100170402	30127754	5.13	358	1.5	64.84		Drum	Semi solid	0.36	0.59
227	26.04.25	50000164077 100170447	30127799	6.14	3953	1.36	4.86		Bag	Solid	0.84	6.89
228	26.04.25	50000164068 100170438	30127790	9.29	2655	1.51	4.97		Bag	Solid	0.38	8.7
229	26.04.25	50000164434 100170818	30128041	0.98	5201	10.77	55.27		Drum	Semi solid	0.59	2.68
230	26.04.25	50000164524 100170916	30128131	33.44	573	8.15	3.53		Bag	Solid	0.46	7.83
231	27.04.25	50000164876 100171273	30128369	6.18	3516	4.2	12.93		Bag	Solid	9.27	7.22
232	27.04.25	50000164584 100170976	30128191	1.28	4125	22.79	57.62		Drum	Semi solid	0.62	4.18
233	27.04.25	50000164666 100171063	30128273	1.67	3998	1.4	2.69		Bag	Solid	0.38	6.88
234	27.04.25	50000164611 100171003	30128218	1.78	3918	1.28	4.52		Bag	Solid	0.34	6.28
235	27.04.25	50000164595 100170987	30128202	1.53	3982	1.19	2.22		Bag	Solid	0.32	7.12
236	27.04.25	50000164559 100170951	30128166	1.6	3875	1.38	2.67		Bag	Solid	0.28	7.35
237	29.04.25	50000165811 100172222	30129183	1.14	3806	26.38	11.38		Bag	Solid	0.98	2.7
238	29.04.25	50000165823 100172234	30129195	1.45	3698	1.88	2.8		IBC	Solid	0.86	8.75

239	29.04.25	50000165821	30129193	1.68	4188	1.78	2.93		IBC	Solid	0.7	8.82
		100172232										
240	29.04.25	50000165801	30129173	1.55	3797	1.87	3.73		Bag	Solid	0.57	6.89
		100172212										
241	29.04.25	50000165747	30129119	1.76	3993	1.58	3.54		Bag	Solid	0.42	7.2
		100172158										
242	29.04.25	50000165774	30129146	1.5	3920	1.87	2.44		Bag	Solid	0.59	8.19
		100172185										
243	29.04.25	50000165720	30129092	1.32	4857	3.86	52.52		Drum	Semi solid	0.47	8.19
		100172131										
244	29.04.25	50000165738	30129110	1.92	4349	1.52	2.22		Bag	Solid	0.47	8.89
		100172149										
245	29.04.25	50000165733	30129106	18.67	721	2.33	5.88		Bag	Solid	2.31	7.54
		100172144										
246	29.04.25	50000165732	30129104	1.81	3631	1.55	2.87		Bag	Solid	0.32	7.89
		100172143										
247	29.04.25	50000165703	30129075	2	4065	1.77	4.4		Bag	Solid	0.6	7.19
		100172114										
248	29.04.25	50000165692	30129064	1.87	3767	2.1	2.67		Bag	Solid	0.76	8.19
		100172103										
249	29.04.25	50000165684	30129056	1.47	3485	1.5	3.6		Bag	Solid	0.62	7.89
		100172095										
250	28.04.25	50000165637	30129023	31.64	834	1.72	3.86		Bag	Solid	0.47	8.1
		100172048										
251	28.04.25	50000165611	30128997	1.44	3853	1.31	2.48		Bag	Solid	0.47	5.8
		100172022										
252	28.04.25	50000165551	30128948	2.13	3522	1.45	3.66		Bag	Solid	0.53	8.3
		100171962										
253	28.04.25	50000165531	30128928	1.56	3635	1.72	2.77		Bag	Solid	0.56	6.1
		100171942										
254	28.04.25	50000165368	30128776	6.35	5558	8.51	16.83		Drum	Solid	0.34	9.23
		100171775										
255	28.04.25	50000165153	30128646	1.44	4714	2.3	88.33	4.79	Drum	Organic Liquid	0.47	1.78





## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0015		Date: 18/03/2025	
URL No.: TC0958125000000183F			
Customer Name & Address	: <b>M/s. BEIL Infrastructure Ltd.</b> 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	: 10/03/2025	Sampling Type	: Grab
Date of Sample Received	: 10/03/2025	Sample ID	: W/202503/0015
Sampling Location	: EB -01 Up Stream	Sample Description	: Ground Water
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling	: APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	: 2 Liter/1Nos.	Analysis Started On	: 11/03/2025
Packing / Seal	: Cap Seal	Analysis Completed On	: 18/03/2025
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	-	7.52	APHA 24th Edition 4500- H+ B: 2022
2.	Color	Co-pt	18	APHA 24th Edition 2120 C: 2022
3.	Conductivity	mmhos/cm	55.82	APHA 24th Edition 2510-B: 2022
4.	Turbidity	NTU	1.25	APHA 24th Edition 2130-B: 2022
5.	Total Suspended solids	mg/L	17.9	APHA 24th Edition 2540-D: 2022
6.	Total Dissolved solids	mg/L	36320	APHA 24th Edition 2540- C: 2022
7.	Chemical Oxygen Demand	mg/L	70	IS 3025 (Part 58): 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	4500	APHA 24th Edition 2340-C: 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	460	APHA 24th Edition 2320-B: 2022
10.	Total Kjeldahl Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	mg/L	18619	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	mg/L	2134	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	0.86	IS 3025 (Part 34): 2022
14.	Fluoride	mg/L	0.79	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	mg/L	374	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	mg/L	866	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	mg/L	0.22	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C: 2022
19.	Sodium (as Na)	mg/L	11096	APHA 24th Edition 3500- Na B: 2022
20.	Potassium (as K)	mg/L	318	APHA 24th Edition 3500-K B: 2022
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B: 2022
22.	BioChemical Oxygen Demand @ 27 °C for 3 Days	mg/L	5.8	IS 3025 (Part 44): 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B: 2022

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0015		Date: 18/03/2025	
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	10/03/2025	Sampling Type	Grab
Date of Sample Received	10/03/2025	Sample ID	W/202503/0015
Sampling Location	EB -01 Up Stream	Sample Description	Ground Water
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On	11/03/2025
Packing / Seal	Cap Seal	Analysis Completed On	18/03/2025
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	5.5	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	mg/L	BDL<2.0	APHA 24th Edition 3111 Pb B: 2022
26.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B: 2022
27.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B: 2022
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: 2022
30.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B: 2022
31.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN- B & E: 2022
32.	Arsenic (as as)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B: 2022
33.	Iron (as Fe)	mg/L	0.27	APHA 24th Edition 3500 Fe-B: 2022
34.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B: 2022
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.

*(Signature)*  
Verified By

Ayushi K Chaturvedi (Quality Manager)







## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0016		Date: 18/03/2025	
URL No.: TC09581250000000184F			
Customer Name & Address	:	<b>M/s. BEIL Infrastructure Ltd.</b> 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	:	10/03/2025	Sampling Type : Grab
Date of Sample Received	:	10/03/2025	Sample ID : W/202503/0016
Sampling Location	:	EB -03 Downstream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 11/03/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 18/03/2025
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	-	7.52	APHA 24th Edition 4500- H+ B: 2022
2.	Color	Co-pt	17	APHA 24th Edition 2120 C: 2022
3.	Conductivity	mmhos/cm	53.26	APHA 24th Edition 2510-B: 2022
4.	Turbidity	NTU	1.15	APHA 24th Edition 2130-B: 2022
5.	Total Suspended solids	mg/L	19.2	APHA 24th Edition 2540-D: 2022
6.	Total Dissolved solids	mg/L	34620	APHA 24th Edition 2540- C: 2022
7.	Chemical Oxygen Demand	mg/L	66	IS 3025 (Part 58): 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	3920	APHA 24th Edition 2340-C: 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	440	APHA 24th Edition 2320-B: 2022
10.	Total Kjeldahl Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	mg/L	16245	APHA 24th Edition 4500- Cl- B: 2022
12.	Sulphate (as SO <sub>4</sub> )	mg/L	1853	APHA 24th Edition 4500- SO <sub>4</sub> -E: 2022
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	0.49	IS 3025 (Part 34): 2022
14.	Fluoride	mg/L	0.72	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	mg/L	292	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	mg/L	775.5	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	mg/L	0.19	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	mg/L	10465	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	mg/L	248	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2022
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 : 2022

Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Laboratory





## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0016		Date: 18/03/2025	
URL No.:			
Customer Name & Address	:	<b>M/s. BEIL Infrastructure Ltd.</b> 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	:	10/03/2025	Sampling Type : Grab
Date of Sample Received	:	10/03/2025	Sample ID : W/202503/0016
Sampling Location	:	EB -03 Downstream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 11/03/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 18/03/2025
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	5.4	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	mg/L	BDL<2.0	APHA 24th Edition 3111 PbB : 2022
26.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B: 2022
27.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B: 2022
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: 2022
30.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B: 2022
31.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN- B & E: 2022
32.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B: 2022
33.	Iron (as Fe)	mg/L	0.25	APHA 24th Edition 3500 Fe-B: 2022
34.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B: 2022
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.

  
Verified By

Ayushi K Chaturvedi (Quality Manager)

  
Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0017		Date: 18/03/2025	
URL No.: TC0958125000000185F			
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	10/03/2025	Sampling Type	Grab
Date of Sample Received	10/03/2025	Sample ID	W/202503/0017
Sampling Location	EB -04 Down Stream	Sample Description	Ground Water
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On	11/03/2025
Packing / Seal	Cap Seal	Analysis Completed On	18/03/2025
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	-	7.76	APHA 24th Edition 4500- H+ B: 2022
2.	Color	Co-pt	12	APHA 24th Edition 2120 C: 2022
3.	Conductivity	mmhos/cm	49.02	APHA 24th Edition 2510-B: 2022
4.	Turbidity	NTU	2.53	APHA 24th Edition 2130-B: 2022
5.	Total Suspended solids	mg/L	19.1	APHA 24th Edition 2540-D: 2022
6.	Total Dissolved solids	mg/L	31900	APHA 24th Edition 2540- C: 2022
7.	Chemical Oxygen Demand	mg/L	64	IS 3025 (Part 58): 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	4050	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	422	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	mg/L	15545	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	mg/L	1942	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	0.46	IS 3025 (Part 34): 2022
14.	Fluoride	mg/L	0.66	APHA 24th Edition 4500- F- B & D: 2022
15.	Calcium (as Ca)	mg/L	322	APHA 24th Edition 3500- Ca-B: 2022
16.	Magnesium (as Mg)	mg/L	789	APHA 24th Edition 3500 Mg B: 2022
17.	Phosphate	mg/L	0.14	APHA 24th Edition 4500-P, D: 2022
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C: 2022
19.	Sodium (as Na)	mg/L	10275	APHA 24th Edition 3500- Na B: 2022
20.	Potassium (as K)	mg/L	315	APHA 24th Edition 3500-K B: 2022
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B: 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	5	IS 3025 (Part 44): 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B: 2022

Ayushi K Chaturvedi (Authorized Manager)

Verified By

Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0017		Date: 18/03/2025	
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	10/03/2025	Sampling Type	Grab
Date of Sample Received	10/03/2025	Sample ID	W/202503/0017
Sampling Location	EB -04 Down Stream	Sample Description	Ground Water
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On	11/03/2025
Packing / Seal	Cap Seal	Analysis Completed On	18/03/2025
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	3.7	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	mg/L	BDL<2.0	APHA 24th Edition 3111 PbB : 2022
26.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2022
27.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2022
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 : 2022
30.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2022
31.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN- B & E: 2022
32.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2022
33.	Iron (as Fe)	mg/L	0.26	APHA 24th Edition 3500 Fe-B : 2022
34.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2022
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.

*Afabe*  
Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0018		Date: 18/03/2025	
URL No.: TC09581250000000186F			
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	10/03/2025	Sampling Type	Grab
Date of Sample Received	10/03/2025	Sample ID	W/202503/0018
Sampling Location	EB -02 Down Stream	Sample Description	Ground Water
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On	11/03/2025
Packing / Seal	Cap Seal	Analysis Completed On	18/03/2025
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	-	7.49	APHA 24th Edition 4500- H+ B: 2022
2.	Color	Co-pt	13	APHA 24th Edition 2120 C: 2022
3.	Conductivity	mmhos/cm	50.92	APHA 24th Edition 2510-B: 2022
4.	Turbidity	NTU	1.18	APHA 24th Edition 2130-B: 2022
5.	Total Suspended solids	mg/L	16.7	APHA 24th Edition 2540-D: 2022
6.	Total Dissolved solids	mg/L	33100	APHA 24th Edition 2540- C: 2022
7.	Chemical Oxygen Demand	mg/L	66	IS 3025 (Part 58): 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	4150	APHA 24th Edition 2340-C: 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	410	APHA 24th Edition 2320-B: 2022
10.	Total Kjeldahl Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	mg/L	16520	APHA 24th Edition 4500- Cl- B: 2022
12.	Sulphate (as SO <sub>4</sub> )	mg/L	2000	APHA 24th Edition 4500- SO <sub>4</sub> -E: 2022
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	0.65	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.68	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	mg/L	304	APHA 24th Edition 3500- Ca-B: 2022
16.	Magnesium (as Mg)	mg/L	824.1	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	mg/L	0.15	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH <sub>3</sub> B & C: 2022
19.	Sodium (as Na)	mg/L	10486	APHA 24th Edition 3500- Na B: 2022
20.	Potassium (as K)	mg/L	225	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	5.2	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2022

Verified By

Ayushi K Chaturvedi, Quality Manager

Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0018		Date: 18/03/2025	
URL No.:			
Customer Name & Address	: <b>M/s. BEIL Infrastructure Ltd.</b> 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	: 10/03/2025	Sampling Type	: Grab
Date of Sample Received	: 10/03/2025	Sample ID	: W/202503/0018
Sampling Location	: EB -02 Down Stream	Sample Description	: Ground Water
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling	: APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	: 2 Liter/1Nos.	Analysis Started On	: 11/03/2025
Packing / Seal	: Cap Seal	Analysis Completed On	: 18/03/2025
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	4.8	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	mg/L	BDL<2.0	APHA 24th Edition 3111 PbB : 2022
26.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B: 2022
27.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B: 2022
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: 2022
30.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B: 2022
31.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN- B & E: 2022
32.	Arsenic (as as)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B: 2022
33.	Iron (as Fe)	mg/L	0.33	APHA 24th Edition 3500 Fe-B: 2022
34.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B: 2022
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.

*[Signature]*  
Verified By

Ayushi K Chaturvedi (Quality Manager)

*[Signature]*  
Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0019		Date: 18/03/2025	
URL No.: TC0958125000000187F			
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	10/03/2025	Sampling Type	Grab
Date of Sample Received	10/03/2025	Sample ID	W/202503/0019
Sampling Location	Inside Mandir Dahej Village	Sample Description	Ground Water
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On	11/03/2025
Packing / Seal	Cap Seal	Analysis Completed On	18/03/2025
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	-	8.19	APHA 24th Edition 4500- H+ B: 2022
2.	Color	Co-pt	6	APHA 24th Edition 2120 C: 2022
3.	Conductivity	mmhos/cm	0.37	APHA 24th Edition 2510-B: 2022
4.	Turbidity	NTU	0.18	APHA 24th Edition 2130-B: 2022
5.	Total Suspended solids	mg/L	ND	APHA 24th Edition 2540-D: 2022
6.	Total Dissolved solids	mg/L	241	APHA 24th Edition 2540- C: 2022
7.	Chemical Oxygen Demand	mg/L	BDL	IS 3025 (Part 58): 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	64	APHA 24th Edition 2340-C: 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	84	APHA 24th Edition 2320-B: 2022
10.	Total Kjeldahl Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	mg/L	68	APHA 24th Edition 4500- Cl- B: 2022
12.	Sulphate (as SO <sub>4</sub> )	mg/L	9.38	APHA 24th Edition 4500- SO <sub>4</sub> -E: 2022
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	ND	IS 3025 (Part 34): 2022
14.	Fluoride	mg/L	ND	APHA 24th Edition 4500- F- B & D: 2022
15.	Calcium (as Ca)	mg/L	16.8	APHA 24th Edition 3500- Ca-B: 2022
16.	Magnesium (as Mg)	mg/L	5	APHA 24th Edition 3500 Mg B: 2022
17.	Phosphate	mg/L	0.04	APHA 24th Edition 4500-P, D: 2022
18.	Ammonical Nitrogen	mg/L	ND	APHA 24th Edition 4500- NH <sub>3</sub> B & C: 2022
19.	Sodium (as Na)	mg/L	48	APHA 24th Edition 3500- Na B: 2022
20.	Potassium (as K)	mg/L	5.6	APHA 24th Edition 3500-K B: 2022
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B: 2022
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: 2022

  
Verified By

Ayushi K Chaturvedi (Quality Manager)

  
Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0019		Date: 18/03/2025	
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	:	10/03/2025	Sampling Type : Grab
Date of Sample Received	:	10/03/2025	Sample ID : W/202503/0019
Sampling Location	:	Inside Mandir Dahej Village	Sample Description : Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 11/03/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 18/03/2025
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: 2022
26.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B: 2022
27.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B: 2022
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: 2022
30.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B: 2022
31.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN- B & E: 2022
32.	Arsenic (as as)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B: 2022
33.	Iron (as Fe)	mg/L	0.14	APHA 24th Edition 3500 Fe-B: 2022
34.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B: 2022
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.

*Akshay*  
Verified By

Ayushi K Chaturvedi (Quality Manager)

*Ayushi K Chaturvedi*  
Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0020		Date: 18/03/2025	
URL No.: TC0958125000000188F			
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	10/03/2025	Sampling Type	Grab
Date of Sample Received	10/03/2025	Sample ID	W/202503/0020
Sampling Location	Near Bus Station Dahej Village	Sample Description	Ground Water
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On	11/03/2025
Packing / Seal	Cap Seal	Analysis Completed On	18/03/2025
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	-	7.88	APHA 24th Edition 4500- H+ B: 2022
2.	Color	Co-pt	4	APHA 24th Edition 2120 C: 2022
3.	Conductivity	mmhos/cm	0.58	APHA 24th Edition 2510-B : 2022
4.	Turbidity	NTU	0.2	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	mg/L	ND	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	mg/L	376	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	mg/L	BDL	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	128	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	82	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	mg/L	153	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	mg/L	36	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	ND	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	ND	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	mg/L	15.42	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	mg/L	26	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	mg/L	0.06	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	mg/L	ND	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	mg/L	56	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	mg/L	6.2	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2022
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 : 2022

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Ayushi K Chaturvedi (Quality Manager)

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## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0020		Date: 18/03/2025	
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	10/03/2025	Sampling Type	Grab
Date of Sample Received	10/03/2025	Sample ID	W/202503/0020
Sampling Location	Near Bus Station Dahej Village	Sample Description	Ground Water
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On	11/03/2025
Packing / Seal	Cap Seal	Analysis Completed On	18/03/2025
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 PbB: 2022
26.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2022
27.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B: 2022
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 : 2022
30.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2022
31.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN- B & E: 2022
32.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2022
33.	Iron (as Fe)	mg/L	0.18	APHA 24th Edition 3500 Fe-B : 2022
34.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2022
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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Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0021		Date: 18/03/2025	
URL No.: TC0958125000000189F			
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	10/03/2025	Sampling Type	: Grab
Date of Sample Received	10/03/2025	Sample ID	: W/202503/0021
Sampling Location	Near Gram Panchayat Dahej Village	Sample Description	: Ground Water
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling	: APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On	: 11/03/2025
Packing / Seal	Cap Seal	Analysis Completed On	: 18/03/2025
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: 2022
2.	Color	Co-pt	5	APHA 24th Edition 2120 C: 2022
3.	Conductivity	mmhos/cm	0.39	APHA 24th Edition 2510-B: 2022
4.	Turbidity	NTU	0.12	APHA 24th Edition 2130-B: 2022
5.	Total Suspended solids	mg/L	ND	APHA 24th Edition 2540-D: 2022
6.	Total Dissolved solids	mg/L	252	APHA 24th Edition 2540- C: 2022
7.	Chemical Oxygen Demand	mg/L	BDL	IS 3025 (Part 58): 2006
8.	Total Hardness as CaCO <sub>3</sub>	mg/L	70	APHA 24th Edition 2340-C: 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	mg/L	87	APHA 24th Edition 2320-B: 2022
10.	Total Kjeldahl Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	mg/L	74	APHA 24th Edition 4500- Cl- B: 2022
12.	Sulphate (as SO <sub>4</sub> )	mg/L	7.86	APHA 24th Edition 4500- SO <sub>4</sub> 2-E: 2022
13.	Nitrate as (N-NO <sub>3</sub> )	mg/L	ND	IS 3025 (Part 34): 2022
14.	Fluoride	mg/L	ND	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	mg/L	16.4	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	mg/L	8	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	mg/L	0.02	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	mg/L	ND	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	mg/L	52	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	mg/L	5.8	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2022
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 : 2022

Ayushi K Chaturvedi (Quality Manager)

Verified By

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## LABORATORY TESTING REPORT

Report No.: VE/W/202503/0021		Date: 18/03/2025	
URL No.:			
Customer Name & Address	: <b>M/s. BEIL Infrastructure Ltd.</b> 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	: 10/03/2025	Sampling Type	: Grab
Date of Sample Received	: 10/03/2025	Sample ID	: W/202503/0021
Sampling Location	: Near Gram Panchayat Dahej Village	Sample Description	: Ground Water
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling	: APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	: 2 Liter/1Nos.	Analysis Started On	: 11/03/2025
Packing / Seal	: Cap Seal	Analysis Completed On	: 18/03/2025
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 PbB : 2022
26.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2022
27.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2022
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 : 2022
30.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2022
31.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN- B & E: 2022
32.	Arsenic (as as)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2022
33.	Iron (as Fe)	mg/L	0.07	APHA 24th Edition 3500 Fe-B : 2022
34.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2022
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.

*Apabe*  
Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory





### LABORATORY TESTING REPORT

Report No.: VE/S/202502/0010		Date: 12/02/2025	
URL No.:TC09581250000000147F			
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	07/02/2025	Sampling Type	Composite
Date of Sample Received	07/02/2025	Sample ID	S/202502/0010
Sampling Location	Near EB-1	Sample Description	Soil
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling	SOP Based
Quantity / No. of Sample	2 Kg/1 Nos.	Analysis Started On	08/02/2025
Packing / Seal	Seal Pack	Analysis Completed On	12/02/2025
Type of Container	Plastic Bag	Format No.	7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	8.5	-	IS 2720 (Part 26): 1987
2.	Conductivity	1963	µmho/cm	IS: 14767: 2000

*(Signature)*  
Verified By

Ayushi K Chaturvedi (QA Manager)

*(Signature)*  
Authorized Signatory



## LABORATORY TESTING REPORT

Report No.: VE/S/202502/0010	Date:	12/02/2025
URL No.:		
Customer Name & Address	<b>M/s. BEIL Infrastructure Ltd.</b> 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	07/02/2025	Sampling Type : Composite
Date of Sample Received	07/02/2025	Sample ID : S/202502/0010
Sampling Location	Near EB-1	Sample Description : Soil
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	2 Kg/1 Nos.	Analysis Started On : 08/02/2025
Packing / Seal	Seal Pack	Analysis Completed On : 12/02/2025
Type of Container	Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test	25°C ±3 °C	

## Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	0.25	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	0.44	mg/L	EPA 7000 B : 2007
6.	Chromium as Cr by TCLP	0.15	mg/L	EPA 7000 B : 2007
7.	Nickel as Ni by TCLP	0.85	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	0.82	mg/L	EPA 7000 B : 2007
10.	Zinc as Zn by TCLP	0.43	mg/L	EPA 7000 B : 2007
11.	TDS by TCLP	1232	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	0.48	%	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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3. Samples shall be stored for the period of 15 days after the date of issue of Report.

*[Signature]*  
Verified By

Ayushi K Chaturvedi (Quality Manager)

*[Signature]*  
Authorized Signatory





### LABORATORY TESTING REPORT

Report No.: VE/S/202502/0009	Date:	12/02/2025
URL No.:TC0958124000000146F		
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	: 07/02/2025	Sampling Type : Composite
Date of Sample Received	: 07/02/2025	Sample ID : S/202502/0009
Sampling Location	: Near EB-2	Sample Description : Soil
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	: 2 Kg/1 Nos.	Analysis Started On : 07/02/2025
Packing / Seal	: Seal Pack	Analysis Completed On : 12/02/2025
Type of Container	: Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test	25°C ±3 °C	

### Test Results

Sr. No.	Parameters	Unit	Result	Protocol used for Analysis
1.	pH	-	8.38	IS 2720 (Part 26) : 1987
2.	Conductivity	µmho/cm	2415	IS: 14767: 2000

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory



### LABORATORY TESTING REPORT

Report No.: VE/S/202502/0009		Date:		19/11/2024	
URL No.:TC0958124000000146F					
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		: 07/02/2025		Sampling Type : Composite	
Date of Sample Received		: 07/02/2025		Sample ID : S/202502/0009	
Sampling Location		: Near EB-2		Sample Description : Soil	
Sample Collected / Submitted by		: VBPL Team		Protocol used for Sampling : SOP Based	
Quantity / No. of Sample		: 2 Kg/1 Nos.		Analysis Started On : 07/02/2025	
Packing / Seal		: Seal Pack		Analysis Completed On : 12/02/2025	
Type of Container		: Plastic Bag		Format No. : 7.8 F-04	
Environmental Condition during the test		25°C ±3 °C			

### Test Results

Sr. No.	Parameters	Unit	Result	Protocol used for Analysis
3.	Lead as Pb by TCLP	mg/L	0.22	EPA 7000 B: 2007
4.	Cadmium as Cd by TCLP	mg/L	ND	EPA 7000 B: 2007
5.	Copper as Cu by TCLP	mg/L	0.28	EPA 7000 B: 2007
6.	Chromium as Cr by TCLP	mg/L	0.22	EPA 7000 B: 2007
7.	Nickel as Ni by TCLP	mg/L	0.65	EPA 7000 B: 2007
8.	Arsenic as As by TCLP	mg/L	BDL<0.01	EPA 7062 B: 1994
9.	Manganese as Mn by TCLP	mg/L	0.44	EPA 7000 B: 2007
10.	Zinc as Zn by TCLP	mg/L	0.55	EPA 7000 B: 2007
11.	TDS by TCLP	mg/L	1586	APHA 24th Edition 2540- C: 2022
12.	TOC	%	0.82	IS 2720 (Part 22): 1972
13.	Fluoride	mg/L	1.08	EPA Method : 9214
14.	Mercury as Hg by TCLP	mg/L	BDL<0.01	EPA 7062 B: 1994
15.	Cyanide as CN	mg/L	BDL<0.02	EPA 7062 B: 1994
16.	PAH	mg/L	ND	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.

  
Verified By

Ayushi K Chaturvedi (Manager)

  
Authorized Signatory





### LABORATORY TESTING REPORT

Report No.: VE/S/202502/0011		Date: 12/02/2025	
URL No.: TC09581250000000148F			
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	: 07/02/2025	Sampling Type	: Composite
Date of Sample Received	: 07/02/2025	Sample ID	: S/202502/0011
Sampling Location	: Opp Salt Farm Area	Sample Description	: Soil
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling	: SOP Based
Quantity / No. of Sample	: 2 Kg/1 Nos.	Analysis Started On	: 08/02/2025
Packing / Seal	: Seal Pack	Analysis Completed On	: 12/02/2025
Type of Container	: Plastic Bag	Format No.	: 7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	8.58	-	IS 2720 (Part 26) : 1987
2.	Conductivity	2712	µmho/cm	IS: 14767: 2000

  
Verified By

Ayushi K Chaturvedi (Quality Manager)





## LABORATORY TESTING REPORT

Report No.: VE/S/202502/0011		Date: 12/02/2025	
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	: 07/02/2025	Sampling Type	: Composite
Date of Sample Received	: 07/02/2025	Sample ID	: S/202502/0011
Sampling Location	: Opp Salt Farm Area	Sample Description	: Soil
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling	: SOP Based
Quantity / No. of Sample	: 2 Kg/1 Nos.	Analysis Started On	: 08/02/2025
Packing / Seal	: Seal Pack	Analysis Completed On	: 12/02/2025
Type of Container	: Plastic Bag	Format No.	: 7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

## Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	0.3	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	0.41	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	0.78	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	0.65	mg/L	EPA 7000 B: 2007
10.	Zinc as Zn by TCLP	0.76	mg/L	EPA 7000 B: 2007
11.	TDS by TCLP	1786	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	0.77	%	IS 2720 (Part 22): 1972
13.	Fluoride	1.22	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.

*Afabe*  
Verified By

Ayushi K Chaturvedi (Manager)



Formerly known as "VASUNDHARA ENTERPRISE"





## LABORATORY TESTING REPORT

Report No.: VE/S/202502/0012		Date: 12/02/2025	
URL No.: TC09581250000000149F			
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	: 07/02/2025	Sampling Type	: Composite
Date of Sample Received	: 07/02/2025	Sample ID	: S/202502/0012
Sampling Location	: Near Admin Office	Sample Description	: Soil
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling	: SOP Based
Quantity / No. of Sample	: 2 Kg/1 Nos.	Analysis Started On	: 08/02/2025
Packing / Seal	: Seal Pack	Analysis Completed On	: 12/02/2025
Type of Container	: Plastic Bag	Format No.	: 7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	8.22	-	IS 2720 (Part 26): 1987
2.	Conductivity	1256	µmho/cm	IS: 14767: 2000

Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Laboratory

### LABORATORY TESTING REPORT

Report No.: VE/S/202502/0012	Date:	12/02/2025
URL No.:		
Customer Name & Address	<b>M/s. BEIL Infrastructure Ltd.</b> 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	07/02/2025	Sampling Type : Composite
Date of Sample Received	07/02/2025	Sample ID : S/202502/0012
Sampling Location	Near Admin Office	Sample Description : Soil
Sample Collected / Submitted by	VBPL Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	2 Kg/1 Nos.	Analysis Started On : 08/02/2025
Packing / Seal	Seal Pack	Analysis Completed On : 12/02/2025
Type of Container	Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test	25°C ±3 °C	

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	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	0.26	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	0.44	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	0.48	mg/L	EPA 7000 B: 2007
10.	Zinc as Zn by TCLP	0.92	mg/L	EPA 7000 B: 2007
11.	TDS by TCLP	805	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	0.42	%	IS 2720 (Part 22): 1972
13.	Fluoride	0.82	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.

  
Verified By

Ayushi K Chaturvedi (Manager)

  
Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"





### LABORATORY TESTING REPORT

Report No.: VE/S/202502/0013		Date: 12/02/2025	
URL No.:TC09581250000000150F			
Customer Name & Address	: <b>M/s. BEIL Infrastructure Ltd.</b> 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	: 07/02/2025	Sampling Type	: Composite
Date of Sample Received	: 07/02/2025	Sample ID	: S/202502/0013
Sampling Location	: Opp Khetan Industries	Sample Description	: Soil
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling	: SOP Based
Quantity / No. of Sample	: 2 Kg/1 Nos.	Analysis Started On	: 08/02/2025
Packing / Seal	: Seal Pack	Analysis Completed On	: 12/02/2025
Type of Container	: Plastic Bag	Format No.	: 7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	8.45	-	IS 2720 (Part 26): 1987
2.	Conductivity	2715	µmho/cm	IS: 14767: 2000

  
Verified By

Ayushi K Chaturvedi (Quality Manager)





### LABORATORY TESTING REPORT

Report No.: VE/S/202502/0013		Date: 12/02/2025	
URL No.:			
Customer Name & Address	: <b>M/s. BEIL Infrastructure Ltd.</b> 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	: 07/02/2025	Sampling Type	: Composite
Date of Sample Received	: 07/02/2025	Sample ID	: S/202502/0013
Sampling Location	: Opp Khetan Industries	Sample Description	: Soil
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling	: SOP Based
Quantity / No. of Sample	: 2 Kg/1 Nos.	Analysis Started On	: 08/02/2025
Packing / Seal	: Seal Pack	Analysis Completed On	: 12/02/2025
Type of Container	: Plastic Bag	Format No.	: 7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	0.17	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	0.26	mg/L	EPA 7000 B: 2007
6.	Chromium as Cr by TCLP	0.11	mg/L	EPA 7000 B: 2007
7.	Nickel as Ni by TCLP	0.55	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	0.14	mg/L	EPA 7000 B: 2007
11.	TDS by TCLP	1685	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	0.58	%	IS 2720 (Part 22): 1972
13.	Fluoride	1.02	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.

*[Signature]*  
Verified By

Ayushi K Chaturvedi (Manager)



Authorized Signatory





### LABORATORY TESTING REPORT

Report No.: VE/S/202502/0014		Date: 12/02/2025	
URL No.: TC0958125000000151F			
Customer Name & Address	: <b>M/s. BEIL Infrastructure Ltd.</b> 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	: 07/02/2025	Sampling Type	: Composite
Date of Sample Received	: 07/02/2025	Sample ID	: S/202502/0014
Sampling Location	: Behind Tagros	Sample Description	: Soil
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling	: SOP Based
Quantity / No. of Sample	: 2 Kg/1 Nos.	Analysis Started On	: 08/02/2025
Packing / Seal	: Seal Pack	Analysis Completed On	: 12/02/2025
Type of Container	: Plastic Bag	Format No.	: 7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	8.52	-	IS 2720 (Part 26) : 1987
2.	Conductivity	1863	µmho/cm	IS: 14767: 2000

*Afabe*  
Verified By

Ayushi K Chaturvedi (Lab. Manager)

*Ayushi K Chaturvedi*  
Authorized Signatory



## LABORATORY TESTING REPORT

Report No.: VE/S/202502/0014	Date:	12/02/2025
URL No.:		
Customer Name & Address	<b>M/s. BEIL Infrastructure Ltd.</b> : 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	: 07/02/2025	Sampling Type : Composite
Date of Sample Received	: 07/02/2025	Sample ID : S/202502/0014
Sampling Location	: Behind Tagros	Sample Description : Soil
Sample Collected / Submitted by	: VBPL Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	: 2 Kg/1 Nos.	Analysis Started On : 08/02/2025
Packing / Seal	: Seal Pack	Analysis Completed On : 12/02/2025
Type of Container	: Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test	25°C ±3 °C	

## Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	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	0.35	mg/L	EPA 7000 B: 2007
6.	Chromium as Cr by TCLP	0.24	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	0.75	mg/L	EPA 7000 B: 2007
10.	Zinc as Zn by TCLP	0.12	mg/L	EPA 7000 B: 2007
11.	TDS by TCLP	1176	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	0.78	%	IS 2720 (Part 22): 1972
13.	Fluoride	0.72	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.

*[Signature]*  
Verified By

Ayushi K Chaturvedi (Analyst/Engineer)



Authorized Signatory





Ref.: BEIL/DHJ/2024-25/43

**BEIL INFRASTRUCTURE LIMITED**

(formerly known as Bharuch Enviro Infrastructure Limited)

Unit - Dahej

22<sup>nd</sup> January 2025

PCB ID: 40137

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 (April-2024 to September-2024)**

Dear Sir,

We have submitted half yearly Environment Audit Report for April-2024 to September-2024 to H.O. GPCB Gandhinagar along with fees on 06.01.2025. 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

RG294730369IN IVR:8271294730369  
RL DAHEJ SO (392130)  
Counter No:2,23/01/2025,10:18  
To:D M THAKER, MEMBER SECRETARY  
PIN:382010, Gandhinagar Gujarat HO  
From:BEIL INFRAS, DAHEJ  
Wt:20gms Ack Fee:3.00,REG=17.0  
Amt:29.50,Tax:4.50,Amt.Paid:30.00(Cash)  
<Track on www.indiapost.gov.in>  
<Dial 18002666868> <Wear Masks, Stay Safe>

*Blawit 23/1/25*  
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 April-2024 to September-2024.*

Sr. No	Auditors Suggestions	Compliance Status
1	<p>The TSDF Facility has utilized freshwater to the tune of 94.68 kLD of water for industrial purpose, 24.07 kLD of water for domestic Purpose and 70.22 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>Will be complied.</p> <p>The slight increase in the domestic water consumption is due to start of canteen within premises and kindly note that total freshwater consumption is within CCA quantity.</p>
2	<p>The TSDF Site has generated Organic Incinerable waste to the tune of 1.310 MT/half year and it has been stored onsite and is not incinerated in the inhouse incinerator. 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>Complied.</p> <p>We have total 20 KL storage tank for the storage and generated quantity is very less for disposal.</p>
3	<p>The TSDF Site has generated Used Oil to the tune of 25 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>Complied.</p> <p>The generated quantity is 25 lit only which insufficient for disposal and we regularly disposing as per CCA.</p>





# BEIL INFRASTRUCTURE LIMITED

ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY

## Annexure-07

### TEST REPORT

Report No: BS001/20250322	Date: 22-03-2025	Page No: 1/1
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Name and Address of the Customer	BEIL INFRASTRUCTURE LIMITED PLOT NO. D/43, DAHEJ-AMOD ROAD, G.I.D.C-DAHEJ-392 130 TA-VAGRA, DIST-BHARUCH (GUJARAT)		
Sample Description	Stack Sampling	Sample Identification/Code	Boiler Stack
Sample Quantity	1.0	Date of Sampling	21-Mar-2025
Sampling Location	Boiler Plant	Date of Receipt	21-Mar-2025
Sample Collected by	Mr. Hemant Patel	Date of Start	21-Mar-2025
Sampling Procedure	As per IS 11255	Date of Completion	22-Mar-2025

Sr. No.	Parameters	Unit	Results	Permissible Limit	Method Ref.
01	Particulate Matter (PM)	mg/Nm <sup>3</sup>	54.24	150	IS:11255 (P-1) 1985
02	Sulphur Dioxide (SO <sub>2</sub> )	ppm	3.37	100	IS:11255 (P-2) 1985
03	Nitrogen Dioxide (NO <sub>2</sub> )	ppm	6.73	50	IS:11255 (P-7) 1985

Remarks (If Any):

### End of Report

Terms and conditions covering the test report issued.

1. Samples are drawn by ARDL, unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product/s is neither inferred nor implemented.
2. The test report shall not be reproduced in full or part without the written approval of the ARDL.
3. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of ARDL.
4. Water/Wastewater samples shall be stored for the period of one month after the date of issue of the Report. Hazardous waste samples shall be stand for one month after the date of issue of certificate, unless otherwise agreed with the customer. ARDL is not responsible for the variations of results where preservation may affect the same.

For BEIL Infrastructure Limited.

AUTHORIZED SIGNATORY

SATHISHKUMAR GADDAM  
(TECHNICAL MANAGER)

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

☐ sathish.gaddam@beil.co.in ☎ 97255 21137



# BEIL INFRASTRUCTURE LIMITED

ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY

## TEST REPORT

Report No: DS001/20250319	Date: 19-03-2025	Page No: 1/1
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Name and Address of the Customer	BEIL INFRASTRUCTURE LIMITED PLOT NO. D/43, DAHEJ-AMOD ROAD, G.I.D.C-DAHEJ-392 130 TA-VAGRA, DIST-BHARUCH (GUJARAT)		
Sample Description	Stack Sampling	Sample Identification/Code	DG Stack (600 KVA)
Sample Quantity	1.0	Date of Sampling	18-Mar-2025
Sampling Location	Near PCC Room	Date of Receipt	18-Mar-2025
Sample Collected by	Mr. Hemant Patel	Date of Start	18-Mar-2025
Sampling Procedure	As per IS 11255	Date of Completion	19-Mar-2025

Sr. No.	Parameters	Unit	Results	Permissible Limit	Method Ref.
01	Particulate Matter (PM)	mg/Nm <sup>3</sup>	40.08	150	IS:11255 (P-1) 1985
02	Sulphur Dioxide (SO <sub>2</sub> )	ppm	4.21	100	IS:11255 (P-2) 1985
03	Nitrogen Dioxide (NO <sub>2</sub> )	ppm	5.83	50	IS:11255 (P-7) 1985

Remarks (If Any):

### End of Report

Terms and conditions covering the test report issued.

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2. The test report shall not be reproduced in full or part without the written approval of the ARDL.
3. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of ARDL.
4. Water/Wastewater samples shall be stored for the period of one month after the date of issue of the Report. Hazardous waste samples shall be stand for one month after the date of issue of certificate, unless otherwise agreed with the customer. ARDL is not responsible for the variations of results where preservation may affect the same.

For BEIL Infrastructure Limited.

AUTHORIZED SIGNATORY

SATHISHKUMAR GADDAM  
(TECHNICAL MANAGER)

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

☐ sathish.gaddam@beil.co.in ☎ 97255 21137





# BEIL INFRASTRUCTURE LIMITED

ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY

## TEST REPORT

Report No: DS002/20250319

Date: 19-03-2025

Page No: 1/1

Name and Address of the Customer	BEIL INFRASTRUCTURE LIMITED PLOT NO. D/43, DAHEJ-AMOD ROAD, G.I.D.C-DAHEJ-392 130 TA-VAGRA, DIST-BHARUCH (GUJARAT)		
Sample Description	Stack Sampling	Sample Identification/Code	DG Stack (910 KVA)
Sample Quantity	1.0	Date of Sampling	18-Mar-2025
Sampling Location	Near PCC Room	Date of Receipt	18-Mar-2025
Sample Collected by	Mr. Hemant Patel	Date of Start	18-Mar-2025
Sampling Procedure	As per IS 11255	Date of Completion	19-Mar-2025

Sr. No.	Parameters	Unit	Results	Permissible Limit	Method Ref.
01	Particulate Matter (PM)	mg/Nm <sup>3</sup>	46.33	150	IS:11255 (P-1) 1985
02	Sulphur Dioxide (SO <sub>2</sub> )	ppm	5.05	100	IS:11255 (P-2) 1985
03	Nitrogen Dioxide (NO <sub>2</sub> )	ppm	10.08	50	IS:11255 (P-7) 1985

Remarks (If Any):

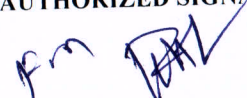
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For BEIL Infrastructure Limited.

AUTHORIZED SIGNATORY

  
SATHISHKUMAR GADDAM  
(TECHNICAL MANAGER)

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

☐ sathish.gaddam@beil.co.in ☎ 97255 21137





# BEIL INFRASTRUCTURE LIMITED

ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY

## TEST REPORT

Report No: DS003/20250320

Date: 20-03-2025

Page No: 1/1

Name and Address of the Customer	BEIL INFRASTRUCTURE LIMITED PLOT NO. D/43, DAHEJ-AMOD ROAD, G.I.D.C-DAHEJ-392 130 TA-VAGRA, DIST-BHARUCH (GUJARAT)		
Sample Description	Stack Sampling	Sample Identification/Code	DG-1 Stack (910 KVA)
Sample Quantity	1.0	Date of Sampling	19-Mar-2025
Sampling Location	Near Incineration Plant	Date of Receipt	19-Mar-2025
Sample Collected by	Mr. Hemant Patel	Date of Start	19-Mar-2025
Sampling Procedure	As per IS 11255	Date of Completion	20-Mar-2025

Sr. No.	Parameters	Unit	Results	Permissible Limit	Method Ref.
01	Particulate Matter (PM)	mg/Nm <sup>3</sup>	39.76	150	IS:11255 (P-1) 1985
02	Sulphur Dioxide (SO <sub>2</sub> )	ppm	5.68	100	IS:11255 (P-2) 1985
03	Nitrogen Dioxide (NO <sub>2</sub> )	ppm	9.13	50	IS:11255 (P-7) 1985

Remarks (If Any):

### End of Report

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For BEIL Infrastructure Limited.

AUTHORIZED SIGNATORY

SATHISHKUMAR GADDAM  
(TECHNICAL MANAGER)

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

☐ sathish.gaddam@beil.co.in ☎ 97255 21137



# BEIL INFRASTRUCTURE LIMITED

**ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY**

## TEST REPORT

Report No: DS004/20250320	Date: 20-03-2025	Page No: 1/1
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Name and Address of the Customer	BEIL INFRASTRUCTURE LIMITED PLOT NO. D/43, DAHEJ-AMOD ROAD, G.I.D.C-DAHEJ-392 130 TA-VAGRA, DIST-BHARUCH (GUJARAT)		
Sample Description	Stack Sampling	Sample Identification/Code	DG-2 Stack (910 KVA)
Sample Quantity	1.0	Date of Sampling	19-Mar-2025
Sampling Location	Near Incineration	Date of Receipt	19-Mar-2025
Sample Collected by	Mr. Hemant Patel	Date of Start	19-Mar-2025
Sampling Procedure	As per IS 11255	Date of Completion	20-Mar-2025

Sr. No.	Parameters	Unit	Results	Permissible Limit	Method Ref.
01	Particulate Matter (PM)	mg/Nm <sup>3</sup>	40.97	150	IS:11255 (P-1) 1985
02	Sulphur Dioxide (SO <sub>2</sub> )	ppm	5.05	100	IS:11255 (P-2) 1985
03	Nitrogen Dioxide (NO <sub>2</sub> )	ppm	10.36	50	IS:11255 (P-7) 1985

Remarks (If Any):

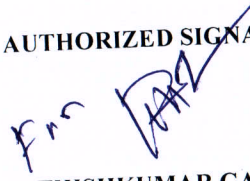
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For BEIL Infrastructure Limited.

AUTHORIZED SIGNATORY

  
SATHISHKUMAR GADDAM  
(TECHNICAL MANAGER)

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

☐ sathish.gaddam@beil.co.in ☎ 97255 21137





## Annexure-08

### LABORATORY TESTING REPORT

Report No.: VE/AA/202410/0005		Date: 22/10/2024	
URL No.: TC0958124000000630F			
Name & Address of Customer	:	<b>M/s. BEIL Infrastructure Ltd.</b> 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	:	14/10/2024	Sampling Type : -
Sample Receipt Date	:	15/10/2024	Sample ID : AA/202410/0005
Sampling Location	:	Near Main Gate	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On : 15/10/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 17/10/2024
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 <sub>10</sub>	µg/m <sup>3</sup>	57.8	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	26.1	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	8.12	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	22.5	80	IS 5182 (Part 6) 2006
5.	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19) : 2022
6.	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	4.6	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide H <sub>2</sub> S	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07) : 2021
8.	Ozone	µg/m <sup>3</sup>	5.2	180	IS 5182 (Part 09) : 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<0.5	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	ng/m <sup>3</sup>	BDL<0.5	Not Specified	IS: 5182(Part 26): 2020

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory



## LABORATORY TESTING REPORT

Report No.: VE/AA/202410/0005		Date: 22/10/2024	
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	:	14/10/2024	Sampling Type : -
Sample Receipt Date	:	15/10/2024	Sample ID : AA/202410/0005
Sampling Location	:	Near Main Gate	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On : 15/10/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 17/10/2024
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 <sup>3</sup>	BDL<5.0	Not Specified	USEPA 26A
12.	Hydrocarbon HC	µg/m <sup>3</sup>	BDL<5.0	Not Specified	Gas Chromatography
13.	Carbon Monoxide CO	mg/m <sup>3</sup>	0.44	4.0	IS 5182 (Part 10)
14.	Arsenic as As	ng/m <sup>3</sup>	BDL<2.0	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13)
15.	Benzo(a)pyrene (BaP)	ng/m <sup>3</sup>	BDL<0.5	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13)
16.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL<2.0	Not Specified	IS 5182 (Part 11)

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

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

  
Verified By

Ayushi K Chaturvedi (Quality Manager)

  
Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"



## LABORATORY TESTING REPORT

Report No.: VE/AA/202410/0006			Date: 22/10/2024			
URL No.: TC0958124000000631F						
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		:	14/10/2024	Sampling Type	:	-
Sample Receipt Date		:	15/10/2024	Sample ID	:	AA/202410/0006
Sampling Location		:	Opp. Khetan industries	Sample Description	:	Ambient Air
Sample Collected / Submitted by		:	VE Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample		:	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On	:	15/10/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	17/10/2024
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 <sub>10</sub>	µg/m <sup>3</sup>	56.2	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	26.6	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	7.24	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	23.1	80	IS 5182 (Part 6) 2006
5.	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19) : 2022
6.	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	11.2	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide H <sub>2</sub> S	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07) : 2021
8.	Ozon	µg/m <sup>3</sup>	6.1	180	IS 5182 (Part 09) : 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<0.5	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<0.5	Not Specified	IS: 5182(Part 26): 2020

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/AA/202410/0006		Date: 22/10/2024	
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	:	14/10/2024	Sampling Type : -
Sample Receipt Date	:	15/10/2024	Sample ID : AA/202410/0006
Sampling Location	:	Opp. Khetan industries	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On : 15/10/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 17/10/2024
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 <sup>3</sup>	BDL<5.0	Not Specified	USEPA 26A
12.	Hydrocarbon HC	µg/m <sup>3</sup>	BDL<5.0	Not Specified	Gas Chromatography
13.	Carbon Monoxide CO	mg/m <sup>3</sup>	0.54	4.0	IS 5182 (Part 10)
14.	Arsenic as As	ng/m <sup>3</sup>	BDL<2.0	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13)
15.	Benzo(a) pyrene (BaP)	ng/m <sup>3</sup>	BDL<0.5	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13)
16.	Benzene (C6H6)	µg/m <sup>3</sup>	BDL<2.0	Not Specified	IS 5182 (Part 11)

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

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Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

**Formerly known as "VASUNDHARA ENTERPRISE"**

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

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

**Laboratory :** 08  
 S-306 & 308, Multilevel Shed-2,  
 Opp. Kanoria Chemicals,  
 GIDC, Ankleshwar - 393002



## LABORATORY TESTING REPORT

Report No.: VE/AA/202410/0007		Date: 22/10/2024	
URL No.: TC0958124000000632F			
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	:	14/10/2024	Sampling Type : -
Sample Receipt Date	:	15/10/2024	Sample ID : AA/202410/0007
Sampling Location	:	Near EB 2 Borewell	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On : 15/10/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 17/10/2024
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 <sub>10</sub>	µg/m <sup>3</sup>	45.6	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	20.8	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	6.82	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	21.7	80	IS 5182 (Part 6) 2006
5.	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19) : 2022
6.	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	3.1	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide H <sub>2</sub> S	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07) : 2021
8.	Ozone	µg/m <sup>3</sup>	4.7	180	IS 5182 (Part 09) : 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<0.5	1.0	IS 5182 (Part 22) : 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<0.5	Not Specified	IS: 5182(Part 26): 2020

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory



## LABORATORY TESTING REPORT

Report No.: VE/AA/202410/0007			Date: 22/10/2024	
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		: 14/10/2024	Sampling Type	: -
Sample Receipt Date		: 15/10/2024	Sample ID	: AA/202410/0007
Sampling Location		: Near EB 2 Borewell	Sample Description	: Ambient Air
Sample Collected / Submitted by		: VE Team	Protocol used for monitoring	: IS 5182
Quantity / No. of Sample		: 1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On	: 15/10/2024
Packing / Seal		: Cap Seal	Analysis Completed On	: 17/10/2024
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 <sup>3</sup>	BDL<5.0	Not Specified	USEPA 26A
12.	Hydrocarbon HC	µg/m <sup>3</sup>	BDL<5.0	Not Specified	Gas Chromatography
13.	Carbon Monoxide CO	mg/m <sup>3</sup>	0.48	4.0	IS 5182 (Part 10)
14.	Arsenic as As	ng/m <sup>3</sup>	BDL<2.0	Not Specified	GPCB Guidelines For AAQM(Vol.I. NAAQMS/36/2012-13
15.	Benzo(a)pyrene (BaP)	ng/m <sup>3</sup>	BDL<0.5	Not Specified	GPCB Guidelines For AAQM(Vol.I. NAAQMS/36/2012-13
16.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL<2.0	Not Specified	IS 5182 (Part 11)

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

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Verified By

Ayushi K Chaturvedi (Quality Manager)

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2 of 2  
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 GIDC, Ankleshwar - 392002

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

Laboratory : 10  
 S-306 & 308, Multilevel Shed-2,  
 Opp. Kanoria Chemicals,  
 GIDC, Ankleshwar - 392002





## LABORATORY TESTING REPORT

Report No.: VE/AA/202411/0004		Date: 19/11/2024	
URL No.: TC0958124000000705F			
Name & Address of Customer	:	<b>M/s. BEIL Infrastructure Ltd.</b> 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	:	11/11/2024	Sampling Type : -
Sample Receipt Date	:	12/11/2024	Sample ID : AA/202411/0004
Sampling Location	:	Near Main Gate	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On : 12/11/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 14/11/2024
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 <sub>10</sub>	µg/m <sup>3</sup>	66.84	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	29.45	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	9.08	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	21.8	80	IS 5182 (Part 6) 2006
5.	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19) : 2022
6.	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	3.6	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide H <sub>2</sub> S	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07) : 2021
8.	Ozone	µg/m <sup>3</sup>	5.8	180	IS 5182 (Part 09) : 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<0.5	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	ng/m <sup>3</sup>	BDL<0.5	Not Specified	IS: 5182(Part 26): 2020

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"





## LABORATORY TESTING REPORT

Report No.: VE/AA/202411/0004		Date: 19/11/2024	
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	:	11/11/2024	Sampling Type : -
Sample Receipt Date	:	12/11/2024	Sample ID : AA/202411/0004
Sampling Location	:	Near Main Gate	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On : 12/11/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 14/11/2024
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 <sup>3</sup>	BDL<5.0	Not Specified	USEPA 26A
12.	Hydrocarbon HC	µg/m <sup>3</sup>	BDL<5.0	Not Specified	Gas Chromatography
13.	Carbon Monoxide CO	mg/m <sup>3</sup>	0.39	4.0	IS 5182 (Part 10)
14.	Arsenic as As	ng/m <sup>3</sup>	BDL<2.0	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13)
15.	Benzo(a)pyrene (BaP)	ng/m <sup>3</sup>	BDL<0.5	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13)
16.	Benzene (C6H6)	µg/m <sup>3</sup>	BDL<2.0	Not Specified	IS 5182 (Part 11)

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

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

Ayushi K Chaturvedi (Quality Manager)

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2 of 2  
Reg. Office :

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

Contact:

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

Laboratory :

06  
S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/AA/202411/0005		Date: 19/11/2024	
URL No.: TC0958124000000706F			
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	:	11/11/2024	Sampling Type : -
Sample Receipt Date	:	12/11/2024	Sample ID : AA/202411/0005
Sampling Location	:	Opp. Khetan industries	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On : 12/11/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 14/11/2024
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 <sub>10</sub>	µg/m <sup>3</sup>	66.04	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	28.62	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	8.12	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	22.5	80	IS 5182 (Part 6) 2006
5.	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19) : 2022
6.	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	5.5	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide H <sub>2</sub> S	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07) : 2021
8.	Ozon	µg/m <sup>3</sup>	6.3	180	IS 5182 (Part 09) : 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<0.5	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<0.5	Not Specified	IS: 5182(Part 26): 2020

  
Verified By

Ayushi K Chaturvedi (Quality Manager)

  
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Reg. Office :

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Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002

Contact:

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

Laboratory :

07

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



## LABORATORY TESTING REPORT

Report No.: VE/AA/202411/0005			Date: 19/11/2024	
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		:	11/11/2024	Sampling Type : -
Sample Receipt Date		:	12/11/2024	Sample ID : AA/202411/0005
Sampling Location		:	Opp. Khetan industries	Sample Description : Ambient Air
Sample Collected / Submitted by		:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample		:	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On : 12/11/2024
Packing / Seal		:	Cap Seal	Analysis Completed On : 14/11/2024
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 <sup>3</sup>	BDL<5.0	Not Specified	USEPA 26A
12.	Hydrocarbon HC	µg/m <sup>3</sup>	BDL<5.0	Not Specified	Gas Chromatography
13.	Carbon Monoxide CO	mg/m <sup>3</sup>	0.48	4.0	IS 5182 (Part 10)
14.	Arsenic as As	ng/m <sup>3</sup>	BDL<2.0	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13)
15.	Benzo(a)pyrene (BaP)	ng/m <sup>3</sup>	BDL<0.5	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13)
16.	Benzene (C6H6)	µg/m <sup>3</sup>	BDL<2.0	Not Specified	IS 5182 (Part 11)

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

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Verified By 

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory 

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GIDC, Ankleshwar - 393002

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

Laboratory : 08  
S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/AA/202411/0006		Date: 19/11/2024	
URL No.: TC0958124000000707F			
Name & Address of Customer	:	<b>M/s. BEIL Infrastructure Ltd.</b> 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	:	11/11/2024	Sampling Type : -
Sample Receipt Date	:	12/11/2024	Sample ID : AA/202411/0006
Sampling Location	:	Near EB 2 Borewell	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On : 12/11/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 14/11/2024
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 <sub>10</sub>	µg/m <sup>3</sup>	63.24	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	27.46	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	7.45	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	18.64	80	IS 5182 (Part 6) 2006
5.	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19) : 2022
6.	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	3.2	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide H <sub>2</sub> S	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07) : 2021
8.	Ozone	µg/m <sup>3</sup>	4.5	180	IS 5182 (Part 09) : 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<0.5	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<0.5	Not Specified	IS: 5182(Part 26): 2020

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/AA/202411/0006		Date: 19/11/2024	
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	:	11/11/2024	Sampling Type : -
Sample Receipt Date	:	12/11/2024	Sample ID : AA/202411/0006
Sampling Location	:	Near EB 2 Borewell	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On : 12/11/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 14/11/2024
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 <sup>3</sup>	BDL<5.0	Not Specified	USEPA 26A
12.	Hydrocarbon HC	µg/m <sup>3</sup>	BDL<5.0	Not Specified	Gas Chromatography
13.	Carbon Monoxide CO	mg/m <sup>3</sup>	0.42	4.0	IS 5182 (Part 10)
14.	Arsenic as As	ng/m <sup>3</sup>	BDL<2.0	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13)
15.	Benzo(a)pyrene (BaP)	ng/m <sup>3</sup>	BDL<0.5	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13)
16.	Benzene (C6H6)	µg/m <sup>3</sup>	BDL<2.0	Not Specified	IS 5182 (Part 11)

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

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Verified By

Ayushi K Chaturvedi (Quality Manager)



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Formerly known as "VASUNDHARA ENTERPRISE"

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

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

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





## LABORATORY TESTING REPORT

Report No.: VE/AA/202412/0009		Date: 24/12/2024	
URL No.: TC0958124000000820F			
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	:	16/12/2024	Sampling Type : -
Sample Receipt Date	:	17/12/2024	Sample ID : AA/202412/0009
Sampling Location	:	Near Main Gate	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On : 17/12/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 19/12/2024
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 <sub>10</sub>	µg/m <sup>3</sup>	71	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	29.86	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	8.24	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	20.2	80	IS 5182 (Part 6) 2006
5.	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19) : 2022
6.	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	3.2	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide H <sub>2</sub> S	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07) : 2021
8.	Ozone	µg/m <sup>3</sup>	5.5	180	IS 5182 (Part 09) : 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<0.5	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	ng/m <sup>3</sup>	BDL<0.5	Not Specified	IS: 5182(Part 26): 2020

*A. Patel*  
Verified By

Ayushi K Chaturvedi (Quality Manager)

*Ayushi K Chaturvedi*  
Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/AA/202412/0009		Date: 24/12/2024	
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	:	16/12/2024	Sampling Type : -
Sample Receipt Date	:	17/12/2024	Sample ID : AA/202412/0009
Sampling Location	:	Near Main Gate	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On : 17/12/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 19/12/2024
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 <sup>3</sup>	BDL<5.0	Not Specified	USEPA 26A
12.	Hydrocarbon HC	µg/m <sup>3</sup>	BDL<5.0	Not Specified	Gas Chromatography
13.	Carbon Monoxide CO	mg/m <sup>3</sup>	0.34	4.0	IS 5182 (Part 10)
14.	Arsenic as As	ng/m <sup>3</sup>	BDL<2.0	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13
15.	Benzo(a)pyrene (BaP)	ng/m <sup>3</sup>	BDL<0.5	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13
16.	Benzene (C6H6)	µg/m <sup>3</sup>	BDL<2.0	Not Specified	IS 5182 (Part 11)

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

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Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"



## LABORATORY TESTING REPORT

Report No.: VE/AA/202412/0010		Date: 24/12/2024	
URL No.: TC0958124000000821F			
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	:	16/12/2024	Sampling Type : -
Sample Receipt Date	:	17/12/2024	Sample ID : AA/202412/0010
Sampling Location	:	Opp. Khetan industries	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On : 17/12/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 19/12/2024
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 <sub>10</sub>	µg/m <sup>3</sup>	70.65	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	29.24	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	8.45	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	21.6	80	IS 5182 (Part 6) 2006
5.	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19) : 2022
6.	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	4.9	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide H <sub>2</sub> S	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07) : 2021
8.	Ozon	µg/m <sup>3</sup>	5.9	180	IS 5182 (Part 09) : 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<0.5	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<0.5	Not Specified	IS: 5182(Part 26): 2020

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/AA/202412/0010			Date: 24/12/2024	
URL No.:				
Name & Address of Customer		: <b>M/s. BEIL Infrastructure Ltd.</b> 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		: 16/12/2024	Sampling Type	: -
Sample Receipt Date		: 17/12/2024	Sample ID	: AA/202412/0010
Sampling Location		: Opp. Khetan industries	Sample Description	: Ambient Air
Sample Collected / Submitted by		: VE Team	Protocol used for monitoring	: IS 5182
Quantity / No. of Sample		: 1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On	: 17/12/2024
Packing / Seal		: Cap Seal	Analysis Completed On	: 19/12/2024
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 <sup>3</sup>	BDL<5.0	Not Specified	USEPA 26A
12.	Hydrocarbon HC	µg/m <sup>3</sup>	BDL<5.0	Not Specified	Gas Chromatography
13.	Carbon Monoxide CO	mg/m <sup>3</sup>	0.42	4.0	IS 5182 (Part 10)
14.	Arsenic as As	ng/m <sup>3</sup>	BDL<2.0	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13)
15.	Benzo(a)pyrene (BaP)	ng/m <sup>3</sup>	BDL<0.5	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13)
16.	Benzene (C6H6)	µg/m <sup>3</sup>	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 Enterprise, 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 Enterprise.
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"

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

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

Laboratory : 08  
S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/AA/202412/0012		Date: 24/12/2024	
URL No.: TC0958124000000823F			
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	:	16/12/2024	Sampling Type : -
Sample Receipt Date	:	17/12/2024	Sample ID : AA/202412/0012
Sampling Location	:	Near EB 2 Borewell	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On : 17/12/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 19/12/2024
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 <sub>10</sub>	µg/m <sup>3</sup>	64.22	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	28.86	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	7.82	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	19.8	80	IS 5182 (Part 6) 2006
5.	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19) : 2022
6.	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	3.5	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide H <sub>2</sub> S	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07) : 2021
8.	Ozone	µg/m <sup>3</sup>	4.2	180	IS 5182 (Part 09) : 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<0.5	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<0.5	Not Specified	IS: 5182(Part 26): 2020

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/AA/202412/0012		Date: 24/12/2024	
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	:	16/12/2024	Sampling Type : -
Sample Receipt Date	:	17/12/2024	Sample ID : AA/202412/0012
Sampling Location	:	Near EB 2 Borewell	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On : 17/12/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 19/12/2024
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 <sup>3</sup>	BDL<5.0	Not Specified	USEPA 26A
12.	Hydrocarbon HC	µg/m <sup>3</sup>	BDL<5.0	Not Specified	Gas Chromatography
13.	Carbon Monoxide CO	mg/m <sup>3</sup>	0.37	4.0	IS 5182 (Part 10)
14.	Arsenic as As	ng/m <sup>3</sup>	BDL<2.0	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13)
15.	Benzo(a)pyrene (BaP)	ng/m <sup>3</sup>	BDL<0.5	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13)
16.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL<2.0	Not Specified	IS 5182 (Part 11)

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

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Verified By

Ayushi K Chaturvedi (Quality Manager)

  
Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"





## LABORATORY TESTING REPORT

Report No.: VE/AA/202501/0015		Date: 27/01/2025	
URL No.: TC0958125000000065F			
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	:	18/01/2025	Sampling Type : -
Sample Receipt Date	:	19/01/2025	Sample ID : AA/202501/0015
Sampling Location	:	Near Main Gate	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On : 19/01/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 21/01/2025
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 <sub>10</sub>	µg/m <sup>3</sup>	78.6	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	30.2	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	9.12	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	22.4	80	IS 5182 (Part 6) 2006
5.	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19) : 2022
6.	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	3.7	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide H <sub>2</sub> S	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07) : 2021
8.	Ozone	µg/m <sup>3</sup>	6.2	180	IS 5182 (Part 09) : 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<0.5	1.0	IS 5182 (Part 22) : 2004
10.	Nickel as Ni	ng/m <sup>3</sup>	BDL<0.5	Not Specified	IS: 5182(Part 26) : 2020

*[Signature]*  
Verified By

Ayushi K Chaturvedi (Quality Manager)

*[Signature]*  
Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"





## LABORATORY TESTING REPORT

Report No.: VE/AA/202501/0015		Date: 27/01/2025	
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	:	18/01/2025	Sampling Type : -
Sample Receipt Date	:	19/01/2025	Sample ID : AA/202501/0015
Sampling Location	:	Near Main Gate	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On : 19/01/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 21/01/2025
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 <sup>3</sup>	BDL<5.0	Not Specified	USEPA 26A
12.	Hydrocarbon HC	µg/m <sup>3</sup>	BDL<5.0	Not Specified	Gas Chromatography
13.	Carbon Monoxide CO	mg/m <sup>3</sup>	0.41	4.0	IS 5182 (Part 10)
14.	Arsenic as As	ng/m <sup>3</sup>	BDL<2.0	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13)
15.	Benzo(a)pyrene (BaP)	ng/m <sup>3</sup>	BDL<0.5	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13)
16.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL<2.0	Not Specified	IS 5182 (Part 11)

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

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 Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Signatory

**Formerly known as "VASUNDHARA ENTERPRISE"**

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

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

**Laboratory : 06**  
 S-306 & 308, Multilevel Shed-2,  
 Opp. Kanoria Chemicals,  
 GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/AA/202501/0016		Date: 27/01/2025	
URL No.: TC095812500000066F			
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	:	18/01/2025	Sampling Type : -
Sample Receipt Date	:	19/01/2025	Sample ID : AA/202501/0016
Sampling Location	:	Opp. Khetan industries	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On : 19/01/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 21/01/2025
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 <sub>10</sub>	µg/m <sup>3</sup>	72.4	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	29.62	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	8.82	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	21.8	80	IS 5182 (Part 6) 2006
5.	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19) : 2022
6.	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	4.5	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide H <sub>2</sub> S	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07) : 2021
8.	Ozon	µg/m <sup>3</sup>	5.4	180	IS 5182 (Part 09) : 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<0.5	1.0	IS 5182 (Part 22) : 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<0.5	Not Specified	IS: 5182(Part 26): 2020

  
Verified By

  
Ayushi K Chaturvedi (Quality Manager)  
Authorized Signatory





### LABORATORY TESTING REPORT

Report No.: VE/AA/202501/0016		Date: 27/01/2025	
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	:	18/01/2025	Sampling Type : -
Sample Receipt Date	:	19/01/2025	Sample ID : AA/202501/0016
Sampling Location	:	Opp. Khetan industries	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On : 19/01/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 21/01/2025
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 <sup>3</sup>	BDL<5.0	Not Specified	USEPA 26A
12.	Hydrocarbon HC	µg/m <sup>3</sup>	BDL<5.0	Not Specified	Gas Chromatography
13.	Carbon Monoxide CO	mg/m <sup>3</sup>	0.32	4.0	IS 5182 (Part 10)
14.	Arsenic as As	ng/m <sup>3</sup>	BDL<2.0	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13)
15.	Benzo(a)pyrene (BaP)	ng/m <sup>3</sup>	BDL<0.5	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13)
16.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL<2.0	Not Specified	IS 5182 (Part 11)

### End Report

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Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Signatory

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

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

**Laboratory : 08**  
S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/AA/202501/0017	Date:	27/01/2025
URL No.: TC0958125000000067F		
Name & Address of Customer	<b>M/s. BEIL Infrastructure Ltd.</b> 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	18/01/2025	Sampling Type : -
Sample Receipt Date	19/01/2025	Sample ID : AA/202501/0017
Sampling Location	Near EB 4 Borewell	Sample Description : Ambient Air
Sample Collected / Submitted by	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On : 19/01/2025
Packing / Seal	Cap Seal	Analysis Completed On : 21/01/2025
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 <sub>10</sub>	µg/m <sup>3</sup>	74.24	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	30.26	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	7.24	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	20.5	80	IS 5182 (Part 6) 2006
5.	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19) : 2022
6.	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	3.2	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide H <sub>2</sub> S	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07) : 2021
8.	Ozone	µg/m <sup>3</sup>	3.8	180	IS 5182 (Part 09) : 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<0.5	1.0	IS 5182 (Part 22) : 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<0.5	Not Specified	IS: 5182(Part 26): 2020

*(Signature)*  
Verified By

Ayushi K Chaturvedi (Quality Manager)

*(Signature)*  
Authorized Signatory





### LABORATORY TESTING REPORT

Report No.: VE/AA/202501/0017		Date: 27/01/2025	
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	:	18/01/2025	Sampling Type : -
Sample Receipt Date	:	19/01/2025	Sample ID : AA/202501/0017
Sampling Location	:	Near EB 4 Borewell	Sample Description : Ambient Air
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On : 19/01/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 21/01/2025
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 <sup>3</sup>	BDL<5.0	Not Specified	USEPA 26A
12.	Hydrocarbon HC	µg/m <sup>3</sup>	BDL<5.0	Not Specified	Gas Chromatography
13.	Carbon Monoxide CO	mg/m <sup>3</sup>	0.35	4.0	IS 5182 (Part 10)
14.	Arsenic as As	ng/m <sup>3</sup>	BDL<2.0	Not Specified	GPCB Guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
15.	Benzo(a)pyrene (BaP)	ng/m <sup>3</sup>	BDL<0.5	Not Specified	GPCB Guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
16.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL<2.0	Not Specified	IS 5182 (Part 11)

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

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

*A. Patel*  
Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

2 of 2  
Reg. Office:  
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GIDC, Ankleshwar - 393002

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

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



### LABORATORY TESTING REPORT

Report No.: VE/AA/202502/0005		Date: 12/02/2025	
URL No.: TC09581250000000140F			
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	06/02/2025	Sampling Type	-
Sample Receipt Date	07/02/2025	Sample ID	AA/202502/0005
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	07/02/2025
Packing / Seal	Cap Seal	Analysis Completed On	08/02/2025
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 <sub>10</sub>	µg/m <sup>3</sup>	82.84	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	32.62	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	8.92	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	23.6	80	IS 5182 (Part 6) 2006
5.	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19) : 2022
6.	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	3.3	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide H <sub>2</sub> S	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07) : 2021
8.	Ozone	µg/m <sup>3</sup>	5.7	180	IS 5182 (Part 09) : 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<0.5	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	ng/m <sup>3</sup>	BDL<0.5	Not Specified	IS: 5182(Part 26): 2020

*(Signature)*  
Verified By

Ayushi K Chaturvedi (Quality Manager)

*(Signature)*  
Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

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

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

Laboratory : 05  
S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





### LABORATORY TESTING REPORT

Report No.: VE/AA/202502/0005		Date: 12/02/2025	
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	06/02/2025	Sampling Type	-
Sample Receipt Date	07/02/2025	Sample ID	AA/202502/0005
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	07/02/2025
Packing / Seal	Cap Seal	Analysis Completed On	08/02/2025
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 <sup>3</sup>	BDL<5.0	Not Specified	USEPA 26A
12.	Hydrocarbon HC	µg/m <sup>3</sup>	BDL<5.0	Not Specified	Gas Chromatography
13.	Carbon Monoxide CO	mg/m <sup>3</sup>	0.52	4.0	IS 5182 (Part 10)
14.	Arsenic as As	ng/m <sup>3</sup>	BDL<2.0	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13)
15.	Benzo(a)pyrene (BaP)	ng/m <sup>3</sup>	BDL<0.5	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13)
16.	Benzene (C6H6)	µg/m <sup>3</sup>	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.

*(Signature)*  
Verified By

Ayushi K Chaturvedi (Quality Manager)



Formerly known as "VASUNDHARA ENTERPRISE"

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

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

**Laboratory :** 06  
S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/AA/202502/0006		Date: 12/02/2025	
URL No.: TC09581250000000141F			
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	:	06/02/2025	Sampling Type : -
Sample Receipt Date	:	07/02/2025	Sample ID : AA/202502/0006
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 : 07/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 08/02/2025
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 <sub>10</sub>	µg/m <sup>3</sup>	80.76	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	30.2	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	8.25	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	22.5	80	IS 5182 (Part 6) 2006
5.	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19) : 2022
6.	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	4.1	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide H <sub>2</sub> S	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07) : 2021
8.	Ozon	µg/m <sup>3</sup>	4.8	180	IS 5182 (Part 09) : 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<0.5	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<0.5	Not Specified	IS: 5182(Part 26): 2020

*A. Patel*  
Verified By

Ayushi K Chaturvedi (Quality Manager)



Formerly known as "VASUNDHARA ENTERPRISE"

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

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

Laboratory : 07  
S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





### LABORATORY TESTING REPORT

Report No.: VE/AA/202502/0006		Date: 12/02/2025	
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	:	06/02/2025	Sampling Type : -
Sample Receipt Date	:	07/02/2025	Sample ID : AA/202502/0006
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 : 07/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 08/02/2025
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 <sup>3</sup>	BDL<5.0	Not Specified	USEPA 26A
12.	Hydrocarbon HC	µg/m <sup>3</sup>	BDL<5.0	Not Specified	Gas Chromatography
13.	Carbon Monoxide CO	mg/m <sup>3</sup>	0.36	4.0	IS 5182 (Part 10)
14.	Arsenic as As	ng/m <sup>3</sup>	BDL<2.0	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13
15.	Benzo(a)pyrene (BaP)	ng/m <sup>3</sup>	BDL<0.5	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13
16.	Benzene (C6H6)	µg/m <sup>3</sup>	BDL<2.0	Not Specified	IS 5182 (Part 11)

-----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)

Authorised Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

2nd Office:

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

Contact:

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

Laboratory: 08

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





## LABORATORY TESTING REPORT

Report No.: VE/AA/202502/0007		Date: 12/02/2025	
URL No.: TC09581250000000142F			
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	:	06/02/2025	Sampling Type : -
Sample Receipt Date	:	07/02/2025	Sample ID : AA/202502/0007
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 : 07/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 08/02/2025
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 <sub>10</sub>	µg/m <sup>3</sup>	78.62	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	32.2	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	7.65	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	21.2	80	IS 5182 (Part 6) 2006
5.	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19) : 2022
6.	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	3.6	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide H <sub>2</sub> S	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07) : 2021
8.	Ozone	µg/m <sup>3</sup>	4.6	180	IS 5182 (Part 09) : 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<0.5	1.0	IS 5182 (Part 22) : 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<0.5	Not Specified	IS: 5182(Part 26): 2020

Verified By

Ayushi K Chaturvedi (Quality Manager)



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

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

Laboratory : 09  
S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/AA/202502/0007		Date: 12/02/2025	
URL No.:			
Name & Address of Customer	:	<b>M/s. BEIL Infrastructure Ltd.</b> 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	:	06/02/2025	Sampling Type : -
Sample Receipt Date	:	07/02/2025	Sample ID : AA/202502/0007
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 : 07/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 08/02/2025
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 <sup>3</sup>	BDL<5.0	Not Specified	USEPA 26A
12.	Hydrocarbon HC	µg/m <sup>3</sup>	BDL<5.0	Not Specified	Gas Chromatography
13.	Carbon Monoxide CO	mg/m <sup>3</sup>	0.42	4.0	IS 5182 (Part 10)
14.	Arsenic as As	ng/m <sup>3</sup>	BDL<2.0	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13
15.	Benzo(a)pyrene (BaP)	ng/m <sup>3</sup>	BDL<0.5	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13
16.	Benzene (C <sub>6</sub> H <sub>6</sub> )	µg/m <sup>3</sup>	BDL<2.0	Not Specified	IS 5182 (Part 11)

### -----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.

*Afate*  
Verified By

Ayushi K Chaturvedi (Quality Controller)



Formerly known as "VASUNDHARA ENTERPRISE"

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

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

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



## LABORATORY TESTING REPORT

Report No.: VE/AA/202503/0009	Date: 18/03/2025
URL No.: TC095812500000000191F	
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
Sampling Date	10/03/2025
Sample Receipt Date	11/03/2025
Sampling Location	Near Main Gate
Sample Collected / Submitted by	VBPL Team
Quantity / No. of Sample	1-1 Filter Paper & 1-1 Filter Paper & Media/Absorbing
Packing / Seal	Cap Seal
Type of Container	Plastic Container
Meteorological condition during monitoring	Clear Sky
Environmental Condition during the test	25°C ±3 °C

## Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol used for Analysis
1.	Particulate Matter PM <sub>10</sub>	µg/m <sup>3</sup>	81.36	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	32.5	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	8.76	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	22.2	80	IS 5182 (Part 6) 2006
5.	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19) : 2022
6.	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	3.7	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide H <sub>2</sub> S	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07) : 2021
8.	Ozone	µg/m <sup>3</sup>	5.2	180	IS 5182 (Part 09) : 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<0.5	1.0	IS 5182 (Part 22) : 2004
10.	Nickel as Ni	ng/m <sup>3</sup>	BDL<0.5	Not Specified	IS: 5182 (Part 26) : 2020

*(Signature)*  
Vasundhara



Ayushi K Chaturvedi (Quality Manager)



## LABORATORY TESTING REPORT

Report No.: VE/AA/202503/0009	Date: 18/03/2025
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
Sampling Date	10/03/2025
Sample Receipt Date	11/03/2025
Sampling Location	Near Main Gate
Sample Collected / Submitted by	VBPL Team
Quantity / No. of Sample	1-1 Filter Paper & Scrub Absorbing Media/Each
Packing / Seal	Cap Seal
Type of Container	Plastic Container
Meteorological condition during monitoring	Clear Sky
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 <sup>3</sup>	BDL<5.0	Not Specified	USEPA 26A
12.	Hydrocarbon HC	µg/m <sup>3</sup>	BDL<5.0	Not Specified	Gas Chromatography
13.	Carbon Monoxide CO	mg/m <sup>3</sup>	0.48	4.0	IS 5182 (Part 10)
14.	Arsenic as As	ng/m <sup>3</sup>	BDL<2.0	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13
15.	Benzo(a)pyrene (BaP)	ng/m <sup>3</sup>	BDL<0.5	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13
16.	Benzene (C6H6)	µg/m <sup>3</sup>	BDL<2.0	Not Specified	IS 5182 (Part 11)

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

This Report is issued under the following terms & Condition:

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

*(Signature)*  
Validated by



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**LABORATORY TESTING REPORT**

Report No.: VE/AA/202503/0010	Date: 18/03/2025
URL No.: TC09581250000000192F	
<b>M/s. BEIL Infrastructure Ltd.</b>	
Name & Address of Customer	: Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta: Vagra District: Bharuch. Pin- 392130, Gujarat,
Contact Person	: Mr. Kamalkant Raut
Sampling Date	: 10/03/2025
Sample Receipt Date	: 11/03/2025
Sampling Location	: Opp. Khetan industries
Sample Collected / Submitted by	: VBPL Team
Quantity / No. of Sample	: 1-1 Filter Paper & Scrub Absorbing Media/Each
Packing / Seal	: Cap Seal
Type of Container	: Plastic Container
Meteorological condition during monitoring	: Clear Sky
Environmental Condition during the test	: 25°C ±3 °C
Sampling Type	: -
Sample ID	: AA/202503/0010
Sample Description	: Ambient Air
Protocol used for monitoring	: IS 5182
Analysis Started On	: 11/03/2025
Analysis Completed On	: 12/03/2025
Format No.	: 7.8 F-05
Actual duration of Monitoring, (Hours)	: 24 hrs

**Ambient Air Analysis Results**

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol used for Analysis
1.	Particulate Matter PM <sub>10</sub>	µg/m <sup>3</sup>	79.68	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	30.18	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	8.42	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	21.8	80	IS 5182 (Part 6) 2006
5.	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19) : 2022
6.	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	3.9	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide H <sub>2</sub> S	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07) : 2021
8.	Ozon	µg/m <sup>3</sup>	4.5	180	IS 5182 (Part 09) : 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<0.5	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<0.5	Not Specified	IS: 5182 (Part 26): 2020

*Ashish Vasundhara*  
Vasundhara By



Ayushi K Chaturvedi (Manager)





**LABORATORY TESTING REPORT**

Report No.: VE/AA/202503/0010	Date: 18/03/2025
URL No.:	
Name & Address of Customer	<b>M/s. BEIL Infrastructure Ltd.</b> 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	10/03/2025
Sample Receipt Date	11/03/2025
Sampling Location	Opp. Khetan industries
Sample Collected / Submitted by	VBPL Team
Quantity / No. of Sample	1-1 Filter Paper & Scrub Absorbing Media/Each
Packing / Seal	Cap Seal
Type of Container	Plastic Container
Meteorological condition during monitoring	Clear Sky
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 <sup>3</sup>	BDL<5.0	Not Specified	USEPA 26A
12.	Hydrocarbon HC	µg/m <sup>3</sup>	BDL<5.0	Not Specified	Gas Chromatography
13.	Carbon Monoxide CO	mg/m <sup>3</sup>	0.45	4.0	IS 5182 (Part 10)
14.	Arsenic as As	ng/m <sup>3</sup>	BDL<2.0	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13
15.	Benzo(a)pyrene (BaP)	ng/m <sup>3</sup>	BDL<0.5	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13
16.	Benzene (C6H6)	µg/m <sup>3</sup>	BDL<2.0	Not Specified	IS 5182 (Part 11)

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

This Report is issued under the following terms & Condition:

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

*(Signature)*  
Verified By



Ayushi K Chaturvedi (Manager)

Formerly known as "VASUNDHARA ENTERPRISE"



**VASUNDHARA**  
**BIOSUSTAIN PVT LTD**  
ENVIRONMENT CONSULTANCY & LABORATORY

- NABL Accredited Laboratory (TC-9581)
- EPA (MOEF & CC) Recognized Laboratory
- QCI-NABET Accredited EIA Consultant
- GPCB Authorized Environment Auditors



TC-9581

**LABORATORY TESTING REPORT**

Report No.: VE/AA/202503/0011	Date: 18/03/2025
URL No.: TC09581250000000193F	
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	10/03/2025
Sample Receipt Date	11/03/2025
Sampling Location	Near EB 4 Borewell
Sample Collected / Submitted by	VBPL Team
Quantity / No. of Sample	1-1 Filter Paper & Scrub Absorbing Media/Each
Packing / Seal	Cap Seal
Type of Container	Plastic Container
Meteorological condition during monitoring	Clear Sky
Environmental Condition during the test	25°C ±3 °C

**Ambient Air Analysis Results**

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol used for Analysis
1.	Particulate Matter PM <sub>10</sub>	µg/m <sup>3</sup>	80.24	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	30.86	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	7.85	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	21.5	80	IS 5182 (Part 6) 2006
5.	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	BDL<1.0	Not Specified	IS 5182 (Part 19) : 2022
6.	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	3.5	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide H <sub>2</sub> S	µg/m <sup>3</sup>	BDL<5.0	Not Specified	IS 5182 (Part 07) : 2021
8.	Ozone	µg/m <sup>3</sup>	3.8	180	IS 5182 (Part 09) : 1974
9.	Lead as Pb	µg/m <sup>3</sup>	BDL<0.5	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m <sup>3</sup>	BDL<0.5	Not Specified	IS: 5182 (Part 26): 2020

1 of 2

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

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

Formerly known as "VASUNDHARA ENTERPRISE"

Laboratory :

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

*(Signature)*  
Verified By

Ayushi K Chaturvedi (Assistant Manager)



09



**LABORATORY TESTING REPORT**

Report No.: VE/AA/202503/0011	Date: 18/03/2025
URL No.:	
Name & Address of Customer	<b>M/s. BEIL Infrastructure Ltd.</b> 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	10/03/2025
Sample Receipt Date	11/03/2025
Sampling Location	Near EB 4 Borewell
Sample Collected / Submitted by	VBPL Team
Quantity / No. of Sample	1-1 Filter Paper & Scrub Absorbing Media/Each
Packing / Seal	Cap Seal
Type of Container	Plastic Container
Meteorological condition during monitoring	Clear Sky
Environmental Condition during the test	25°C ± 3 °C
Sampling Type	-
Sample ID	AA/202503/0011
Sample Description	Ambient Air
Protocol used for monitoring	IS 5182
Analysis Started On	11/03/2025
Analysis Completed On	12/03/2025
Format No.	7.8 F-05
Actual duration of Monitoring, (Hours)	24 hrs

**Ambient Air Analysis Results**

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol used for Analysis
11.	Hydrochloric Acid as HCL	µg/m <sup>3</sup>	BDL<5.0	Not Specified	USEPA 26A
12.	Hydrocarbon HC	µg/m <sup>3</sup>	BDL<5.0	Not Specified	Gas Chromatography
13.	Carbon Monoxide CO	mg/m <sup>3</sup>	0.38	4.0	IS 5182 (Part 10)
14.	Arsenic as As	ng/m <sup>3</sup>	BDL<2.0	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13
15.	Benzo(a)pyrene (BaP)	ng/m <sup>3</sup>	BDL<0.5	Not Specified	GPCB Guidelines for AAQM (Vol.I. NAAQMS/36/2012-13
16.	Benzene (C6H6)	µg/m <sup>3</sup>	BDL<2.0	Not Specified	IS 5182 (Part 11)

**End Report**

This Report is issued under the following terms & Condition:

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

*(Signature)*  
Verified By



Formerly known as "VASUNDHARA ENTERPRISE"



o/c

**BEIL INFRASTRUCTURE LIMITED**

(formerly known as Bharuch Enviro Infrastructure Limited)

Unit - Dahej

**BEIL/DHJ/2024-25/12**

**Date: 29.05.2024**

**PCB ID # 40137**

**To,  
Unit Head,  
Hazardous waste cell,  
Gujarat Pollution control board,  
Paryavaran Bhavan,  
Sector-10-A,  
Gandhinagar- 382010**

Sub.: Compliance of Monsoon Planning for Monitoring & Control of pollutions (TSDF)

Ref.: Yours Letter no. GPCB/HAZ-GEN-294(10)/ID.40137/810585 date 04 May 2024.

Having received your above referred letter on 04 May 2024, we herewith submit the compliance status of Monsoon Planning for Monitoring & Control of pollutions as Annexure – A.

We hope the compliance adequately meets your guideline for monsoon management. We have also attached a photograph of a covered landfill site.

Thanking you,

Yours faithfully,  
**For BEIL Infrastructure Limited**

Authorized Signatory

C.C: Regional Officer,  
Gujarat Pollution Control Board  
Bharuch

01	01-01-2024	01-01-2024
02	02-01-2024	02-01-2024
03	03-01-2024	03-01-2024
04	04-01-2024	04-01-2024
05	05-01-2024	05-01-2024
06	06-01-2024	06-01-2024
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95	95-01-2024	95-01-2024
96	96-01-2024	96-01-2024
97	97-01-2024	97-01-2024
98	98-01-2024	98-01-2024
99	99-01-2024	99-01-2024
100	100-01-2024	100-01-2024

*Blue 13* 4/6/24  
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





O/C

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

BEIL/DHJ/2024-25/11

Date: 29.05.2024  
PCB ID # 40137

To,  
Unit Head,  
Hazardous waste cell,  
Gujarat Pollution control board,  
Paryavaran Bhavan,  
Sector-10-A,  
Gandhinagar- 382010

Sub.: Compliance of Monsoon Planning for Monitoring & Control of pollutions  
(Incinerator)

Ref.: Yours Letter no. GPCB/HAZ-GEN-294(10)/ID-40137/810733 date: 09 May 2024.

Having received your above referred letter on 09 May 2024, we herewith submit the compliance status of Monsoon Planning for Monitoring & Control of pollutions as Annexure – A.

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

Thanking you,

Yours faithfully,  
For **BEIL Infrastructure Limited**

Authorized Signatory

C.C: Regional Officer,  
Gujarat Pollution Control Board  
Bharuch

0	RG 27 05 1301N	03.15
1	RG 27 05 1302 IN	03.16
2	RG 27 05 1303 IN	03.16
3	RG 27 05 1304 IN	03.16
4	RG 27 05 1305 IN	03.16
5	RG 27 05 1306 IN	03.16
6	RG 27 05 1307 IN	03.16
7	RG 27 05 1308 IN	03.16
8	RG 27 05 1309 IN	03.16
9	RG 27 05 1310 IN	03.16
10	RG 27 05 1311 IN	03.16
11	RG 27 05 1312 IN	03.16
12	RG 27 05 1313 IN	03.16
13	RG 27 05 1314 IN	03.16
14	RG 27 05 1315 IN	03.16
15	RG 27 05 1316 IN	03.16
16	RG 27 05 1317 IN	03.16
17	RG 27 05 1318 IN	03.16
18	RG 27 05 1319 IN	03.16
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21	RG 27 05 1322 IN	03.16
22	RG 27 05 1323 IN	03.16
23	RG 27 05 1324 IN	03.16
24	RG 27 05 1325 IN	03.16
25	RG 27 05 1326 IN	03.16
26	RG 27 05 1327 IN	03.16
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43	RG 27 05 1344 IN	03.16
44	RG 27 05 1345 IN	03.16
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52	RG 27 05 1353 IN	03.16
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61	RG 27 05 1362 IN	03.16
62	RG 27 05 1363 IN	03.16
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66	RG 27 05 1367 IN	03.16
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68	RG 27 05 1369 IN	03.16
69	RG 27 05 1370 IN	03.16
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73	RG 27 05 1374 IN	03.16
74	RG 27 05 1375 IN	03.16
75	RG 27 05 1376 IN	03.16
76	RG 27 05 1377 IN	03.16
77	RG 27 05 1378 IN	03.16
78	RG 27 05 1379 IN	03.16
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92	RG 27 05 1393 IN	03.16
93	RG 27 05 1394 IN	03.16
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96	RG 27 05 1397 IN	03.16
97	RG 27 05 1398 IN	03.16
98	RG 27 05 1399 IN	03.16
99	RG 27 05 1400 IN	03.16

4/6/24  
First 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-10



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

Ref.: BEIL/DHJ/OEP/2024-25

17/06/2024

To,

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

Subject: Submission of On-Site Emergency Plan for the year 2024-25.

Respected Sir,

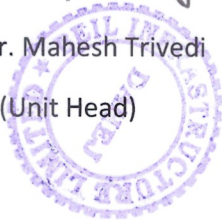
Herewith, we are submitting the "On-Site Emergency Plan" updated in March-2024 for the year of 2024-25.

This is for your kind information & record please.

Thanking you,

For, BEIL Infrastructure Limited, Dahej.

Dr. Mahesh Trivedi  
(Unit Head)

  
21/06/2024  
21/06/2024

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, 2024**

Plot No # D-43, GIDC Industrial Estate, Dahej – 392130

Ta – Vagra, Dist – Bharuch, Gujarat

On-Site Emergency Plan of M/s BEIL Infrastructure Ltd. Dahej

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

Ref.: BEIL/DHJ/MD/2024-25

17/06/2024

To,

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

Subject: Submission of mock Drill report

Respected Sir,

Herewith, we are submitting the "Mock Drill reports (01/2024)" for the year of 2024. mock drill conducted on 19.03.2024.

This is for your kind information & record please.

Thanking you,

For, BEIL Infrastructure Limited, Dahej.

Dr. Mahesh Trivedi

(Unit Head)



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)**

# **DISASTER MANAGEMENT PLAN**

**Update On February, 2020**

Plot No # D-43, GIDC Industrial Estate, Dahej – 392130

Ta – Vagra, Dist – Bharuch, Gujarat

On-Site Emergency Plan of M/s BEIL Infrastructure Ltd. Dahej

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# Annexure-11

TRAINING CALENDAR FOR THE YEAR 2024-25													
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-DAHEJINTERNAL/EXTERNAL/INDUCTION TRAINING ATTENDANCE SHEET

Date:	07/03/2025
Time:	11:00 to 11:20
Faculty:	Sikandhar, Mayur
Venue:	Near Pump House.
Topic:	General Safety Training.

Sr. No	Name of Participants	Department	Signature
1	भिरुल कर्मा 2	S.M.P	भिरुल कर्मा 2
2	Samiraj	HELPER	Samiraj
3	Prudip	"	Prudip
4	Surendar	"	Surendar
5	Shiv Kumar	"	Rahul
6	Rahul Vishwakarma	"	Raj Singh
7	Brijul Singh	"	Kumar
8	Kumard Kumar	"	Raj Kumar
9	Anup Pruthi	"	Rahul
10	Raj Kumar	"	Lakhan Singh
11	Rahul Kumar	"	Ashok
12	Lakhan Singh	"	Yash
13	Ashok .	"	
14	Ramkrishna		

Date:	07/03/2025
Time:	16:30
Faculty:	Parth, Abhishek,
Venue:	Drum Plant.
Topic:	General Safety Awareness training.

Sr. No	Name of Participants	Department	Signature
1.	Shumpa1	meema	Shyam Pal
2.	Sonu		श्री
3.	Ranjeet Kumar		Ranjeet Singh
4	Sumit Kumar		Sumit Kumar
4	Babu Singh		Babu Singh
5	Santosh Kumar	meema	Santosh Kumar
6	Ravi		Ravi
7	Krishna		कृष्ण शर्मा
8	Arun		अरुण
10	Arvind Kumar		अरविन्द कुमार
11	Subedar (S4P)		Subedar

Date:	07/03/2025
Time:	16:00
Faculty:	Panath, Abhishek
Venue:	AO / ETP
Topic:	Ground Safety Awareness training

[illegible]



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

Date:	7/03/2025
Time:	8:00 to 8:10
Faculty:	Chetan Patel
Venue:	W/h
Topic:	Safety inspections and emergency

Sr. No	Name of Participants	Department	Signature
1	Ramish	W/H	अक्षर
2	Ramish	"	Rajesh
3	Megaram	"	मिहिर
4	Person	"	Raj's
5	Sukai	"	अक्षर
6	Shamsh	"	Shamsh
7	Vijay Singh	"	विजय
8	Adesh	"	अदेश
9	Person T	"	Person T
10	Person	"	Person
11	Person P/L	"	Person
12	Person	"	Person
13	Person h/p	"	Person
14	Person	"	Person
15	Person	"	Person
16	Person	"	Person
17	Person	"	Person
18	Person	"	Person



## INTERNAL/EXTERNAL/INDUCTION TRAINING ATTENDANCE SHEET

Date:	07/03/2025
Time:	11:30 AM
Faculty:	Satish Vasava
Venue:	Inc Plant
Topic:	How to use Fire extinguisher

[illegible]

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

Date:	07-03-2025
Time:	12:00 to 12:10
Faculty:	Hardik Patanvadiya
Venue:	Drum Plant
Topic:	General Safety Awareness

Sr. No	Name of Participants	Department	Signature
1.	Arun (Mecma)	Drum Plant	ARUN
2.	Swati "	"	Sunil Kumar
3.	Babu Singh "	"	Babu Singh
4.	Krishna "	"	ક્રીષ્ના
5.	Jyotsna "	"	Jyotsna Desai
6.	Ranjit "	"	રાજીત
7.	Santosh "	"	Santosh
8.	Ravi "	"	રાવિ
9.	Aruind "	"	અરુવિન્દ
10.	Sonnu "	"	સોનુ
11.	Vivek Gupta "	"	Vivek Gupta
12.	Shashandra (O.M)	"	શશાન્દ્રા
13.	Mithlesh (O.M)	"	મિથલેશ
14.	Shubodhar (Mecma)	"	Shubodhar
15.	MD. Gulam Chowdh (V.C SHAM)	"	MD. Gulam Chowdh

F/HRD/002

# BEIL INFRASTRUCTURE LTD-DAHEJ

## INTERNAL/EXTERNAL/INDUCTION TRAINING ATTENDANCE SHEET

Date:	22/03/25
Time:	8:10
Faculty:	Maipr
Venue:	Safety office
Topic:	General safety

[illegible]



F/HRD/002

**BEIL INFRASTRUCTURE LTD-DAHEJ**

## INTERNAL/EXTERNAL/INDUCTION TRAINING ATTENDANCE SHEET

Date:	20/08/25
Time:	8:50 / 11:00
Faculty:	Hardik / Maran
Venue:	Safety office
Topic:	General safety

[illegible]



# Annexure-12

## LABORATORY TESTING REPORT

Report No.: VE/AN/202410/0005		Date: 22/10/2024	
URL No.: TC0958124000000620F			
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	:	14/10/2024	Sampling Type : Instrument Method
Sample Receipt Date	:	14/10/2024	Sample ID : AN/202410/0005
Sampling Location	:	Noise	Sample Description : Noise Monitoring
Sample Collected / Submitted by	:	VE 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	Day Time	Day Limit	Night Time	Night Limit	Unit	Protocol used for Analysis
1.	Near Main Gate	61	75	54	70	dB(A)	IS 9989-1991
2.	Behind Admin Building	58	75	52	70	dB(A)	IS 9989-1991
3.	Near EB-1 Borewell	54	75	48	70	dB(A)	IS 9989-1991
4.	Behind Landfill Cell No-06	56	75	46	70	dB(A)	IS 9989-1991
5.	Near Drumshed Area	70	75	64	70	dB(A)	IS 9989-1991
6.	Opp. Khetan Industries	58	75	48	70	dB(A)	IS 9989-1991
7.	Near Stabilization Plant	60	75	55	70	dB(A)	IS 9989-1991
8.	Near DG Set	71	75	65	70	dB(A)	IS 9989-1991
9.	Near Monsoon Shed (New)	65	75	58	70	dB(A)	IS 9989-1991

-----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

Ayushi K Chaturvedi (Quality Manager)

  
Authorized Signatory





## LABORATORY TESTING REPORT

Report No.: VE/AN/202411/0002		Date: 19/11/2024	
URL No.: TC0958124000000704F			
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		: 11/11/2024	Sampling Type : Instrument Method
Sample Receipt Date		: 11/11/2024	Sample ID : AN/202411/0002
Sampling Location		: Noise	Sample Description : Noise Monitoring
Sample Collected / Submitted by		: VE 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	Day Time	Day Limit	Night Time	Night Limit	Unit	Protocol used for Analysis
1.	Near Main Gate	63	75	52	70	dB(A)	IS 9989-1991
2.	Behind Admin Building	58	75	54	70	dB(A)	IS 9989-1991
3.	Near EB-1 Borewell	58.6	75	52	70	dB(A)	IS 9989-1991
4.	Behind Landfill Cell No-06	60	75	56	70	dB(A)	IS 9989-1991
5.	Near Drumshed Area	69	75	68	70	dB(A)	IS 9989-1991
6.	Opp. Khetan Industries	60	75	57	70	dB(A)	IS 9989-1991
7.	Near Stabilization Plant	69	75	58	70	dB(A)	IS 9989-1991
8.	Near DG Set	70	75	64	70	dB(A)	IS 9989-1991
9.	Near Monsoon Shed (New)	63	75	55	70	dB(A)	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/202412/0003		Date: 24/12/2024	
URL No.: TC0958124000000819F			
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	: 16/12/2024	Sampling Type	: Instrument Method
Sample Receipt Date	: 16/12/2024	Sample ID	: AN/202412/0003
Sampling Location	: Noise	Sample Description	: Noise Monitoring
Sample Collected / Submitted by	: VE 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	Day Time	Day Limit	Night Time	Night Limit	Unit	Protocol used for Analysis
1.	Near Main Gate	64	75	55	70	dB(A)	IS 9989-1991
2.	Behind Admin Building	59	75	54	70	dB(A)	IS 9989-1991
3.	Near EB-1 Borewell	59	75	56	70	dB(A)	IS 9989-1991
4.	Behind Landfill Cell No-06	62	75	52	70	dB(A)	IS 9989-1991
5.	Near Drumshed Area	72	75	67	70	dB(A)	IS 9989-1991
6.	Opp. Khetan Industries	60	75	56	70	dB(A)	IS 9989-1991
7.	Near Stabilization Plant	65	75	58	70	dB(A)	IS 9989-1991
8.	Near DG Set	71	75	67	70	dB(A)	IS 9989-1991
9.	Near Monsoon Shed (New)	61	75	54	70	dB(A)	IS 9989-1991

### End Report

This Report is issued under the following terms & Condition:

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

*[Signature]*  
Verified By

Ayushi K Chaturvedi (Quality Manager)

*[Signature]*  
Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

Reg1Office :  
S-404, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002

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

Laboratory : 12  
S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002





## LABORATORY TESTING REPORT

Report No.: VE/AN/202501/0002		Date: 27/01/2025	
URL No.: TC0958125000000064F			
Name & Address of Customer	: <b>M/s. BEIL Infrastructure Ltd.</b> 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	: 18/01/2025	Sampling Type	: Instrument Method
Sample Receipt Date	: 18/01/2025	Sample ID	: AN/202501/0002
Sampling Location	: Noise	Sample Description	: Noise Monitoring
Sample Collected / Submitted by	: VE 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	58	IS 9989-1991
2.	Behind Admin Building	dB(A)	61	55	IS 9989-1991
3.	Near EB-1 Borewell	dB(A)	57	52	IS 9989-1991
4.	Behind Landfill Cell No-06	dB(A)	64	53	IS 9989-1991
5.	Near Drumshed Area	dB(A)	71	65	IS 9989-1991
6.	Opp. Khetan Industries	dB(A)	58	56	IS 9989-1991
7.	Near Stabilization Plant	dB(A)	65	56	IS 9989-1991
8.	Near DG Set	dB(A)	70	65	IS 9989-1991
9.	Near Monsoon Shed (New)	dB(A)	62	56	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"

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

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

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



### LABORATORY TESTING REPORT

Report No.: VE/AN/202502/0002		Date: 12/02/2025	
URL No.: TC09581250000000134F			
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	: 06/02/2025	Sampling Type	: Instrument Method
Sample Receipt Date	: 06/02/2025	Sample ID	: AN/202502/0002
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
	<b>Permissible Limit</b>	<b>dB(A)</b>	<b>75</b>	<b>70</b>	-
1.	Near Main Gate	dB(A)	64	56	IS 9989-1991
2.	Behind Admin Building	dB(A)	60	52	IS 9989-1991
3.	Near EB-1 Borewell	dB(A)	58	53	IS 9989-1991
4.	Behind Landfill Cell No-06	dB(A)	62	56	IS 9989-1991
5.	Near Drumshed Area	dB(A)	72	64	IS 9989-1991
6.	Opp. Khetan Industries	dB(A)	62	58	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)	64	57	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 (Manager)

  
Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

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

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

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





## LABORATORY TESTING REPORT

Report No.: VE/AN/202503/0002		Date: 18/03/2025	
URL No.: TC0958125000000190F			
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		: 10/03/2025	Sampling Type : Instrument Method
Sample Receipt Date		: 10/03/2025	Sample ID : AN/202503/0002
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
	<b>Permissible Limit</b>	<b>dB(A)</b>	<b>75</b>	<b>70</b>	-
1.	Near Main Gate	dB(A)	65	58	IS 9989-1991
2.	Behind Admin Building	dB(A)	62	54	IS 9989-1991
3.	Near EB-1 Borewell	dB(A)	61	55	IS 9989-1991
4.	Behind Landfill Cell No-06	dB(A)	60	51	IS 9989-1991
5.	Near Drumshed Area	dB(A)	70	66	IS 9989-1991
6.	Opp. Khetan Industries	dB(A)	58	46	IS 9989-1991
7.	Near Stabilization Plant	dB(A)	62	56	IS 9989-1991
8.	Near DG Set	dB(A)	72	65	IS 9989-1991
9.	Near Monsoon Shed (New)	dB(A)	61	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

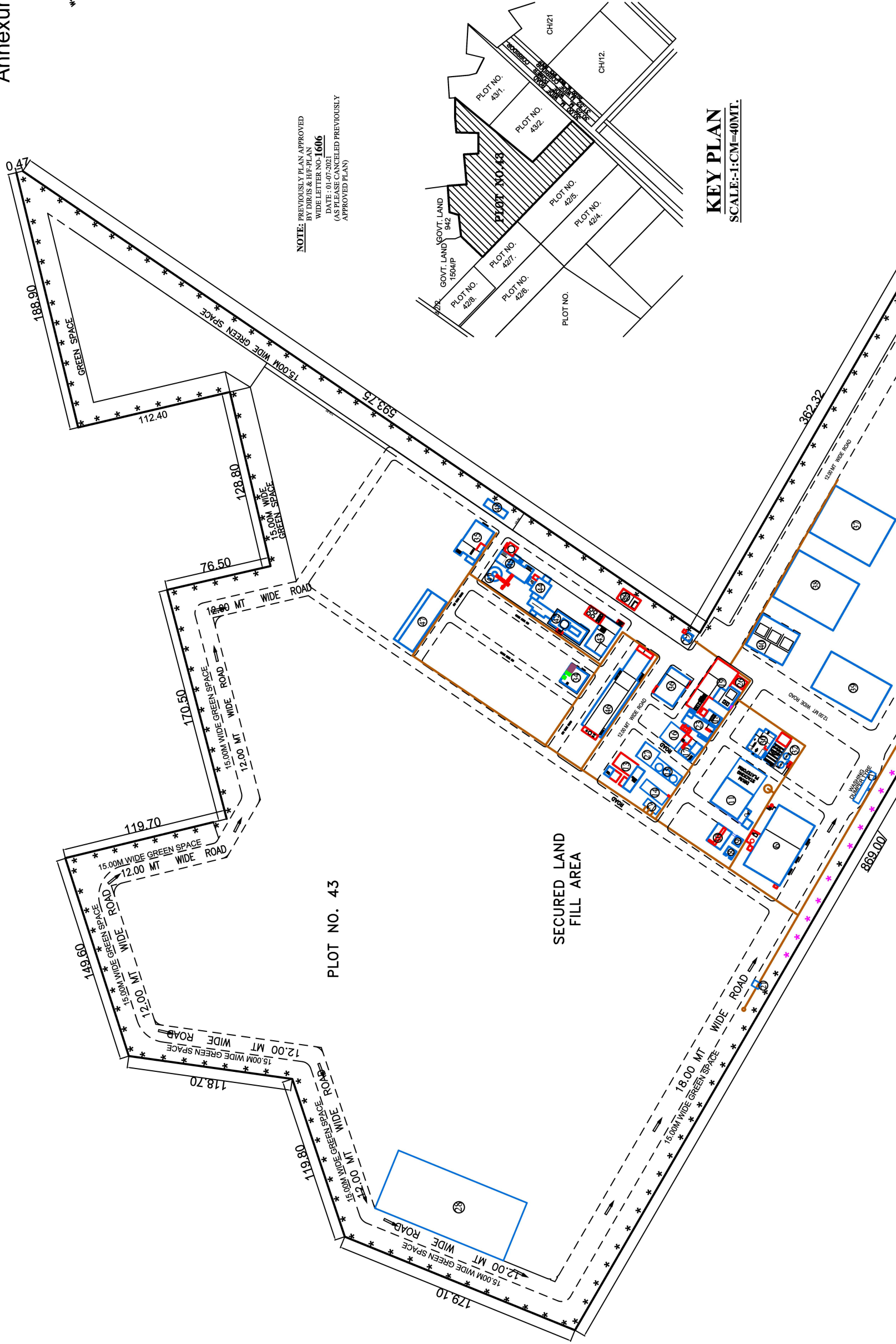
Formerly known as "VASUNDHARA ENTERPRISE"

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

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

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





**SITE PLAN**  
SCALE:-1:10MT.

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

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. DM 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



## Tree Plantation Photographs





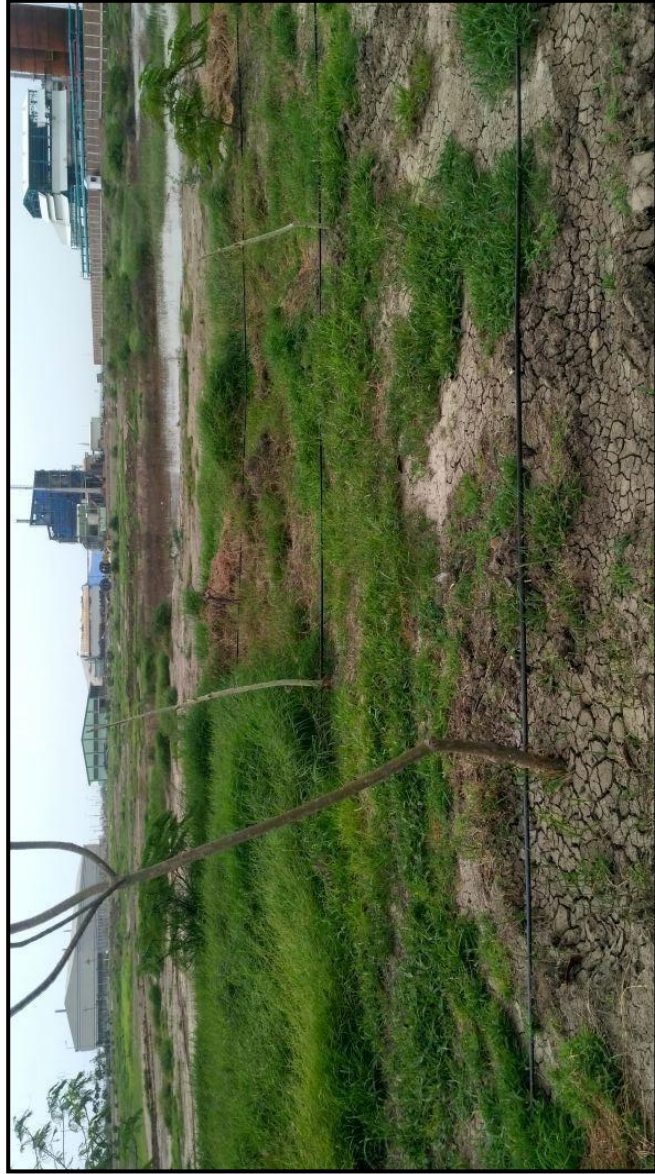
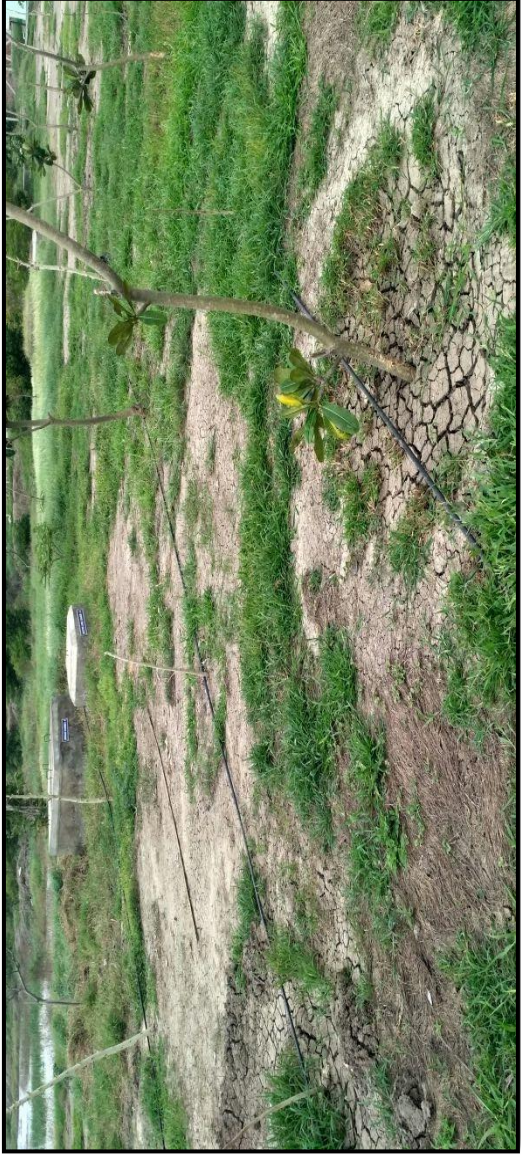








## Photographs of Drip Irrigation





# દહેજ ગામ પંચાયત



## DAHEJ GAM PANCHAYAT

મુ.પો. દહેજ, તા. વાગરા, જી. ભરૂચ.

AT. & Po. DAHEJ, TA. VAGRA, DIST. BHARUCH.

CP-5-18

તા. ૬ - ૬ - ૨૦૧૮

પ્રતિ શ્રી,

મેનેજર શ્રી

(મુખ્ય એજન્સી ઈન્ફ્રાસ્ટ્રક્ચર લી.)

પ્લોટ નંબર ૬૧. ૪૩

દહેજ

વિષય:- મોજે દહેજ ઈન્ફ્રાસ્ટ્રક્ચરલ એન્ડેટ સ્થિત નંબર  
ના વિસ્તારે માં લૂકાચોપણનું આયોજન આપવા  
બાબત.

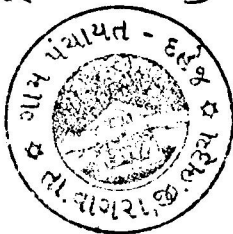
રેકૉર્ડ:- આપનો તા. ૩/૧૧/૧૮ નો પત્ર.  
અમારી ગામ પંચાયતે સામુહિક રીતે વડેના પાંચ(૫)  
વર્ષમાં આપની કંપની પકડી અને ગામ પંચાયત થી નીચે  
સ્થળનું આયોજન કરેલ છે.

- (૧) બાલીયાદેવ મંદિર તથા ભાઈજીમઠાજીનું મંદિર વર્ષ ૨૦૧૬-૧૭
- (૨) ભુતનાથ ટેમ્પલ વર્ષ ૨૦૧૮-૨૦૨૦
- (૩) હોડાગાઈમઠાજી વર્ષ ૨૦૨૦-૨૦૨૧
- (૪) દહેજ ચોકડી થી ગામ મુઠી વર્ષ ૨૦૨૧-૨૦૨૨
- (૫) રામજી મંદિર વર્ષ ૨૦૨૨-૨૩

લૂકાચોપણ માટે જરૂરી છોડ તથા છોડના અડધા માટે ફી  
પ્રોવિડેટ કરેલી દવામાં પુરા પાડવાના રહેશે.  
આભાર મણુ.

જન્ય પાંચ

ગામ પંચાયત - દહેજ  
તા. વાગરા, જી. ભરૂચ







Ref. BEIL/DAHEJ/2015

30<sup>th</sup> July, 2014

PCB-ID: 40137

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

Kind Attn: Dr. A. Mehtrotra, Director (s)

Subject: Compliance with point no. 64 and 70 of Environmental ClearanceReference: Environmental Clearance order no. SEIAA/GUJ/EC/7(D)/227/2013, Dated: 22/07/2013

Dear Sir;

Bharuch Enviro Infrastructure Ltd., is a Secured Landfill Facility for Hazardous waste at Dahej Industrial Estate. We had received our Environmental Clearance for our TSDF and MEE facility at Plot no. D-43, Dahej Industrial Estate, Tal. Vagra, Dist. Bharuch (Gujarat) in category 7(d) of Schedule annexed with EIA Notification dated 14/09/2006, vide order no. 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

*182*  
*1-8-2015*  
Post Received  
Gujarat Pollution Control Board  
BHARUCH

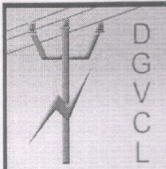
C.C: (1) State Level Environment Impact Assessment Authority  
Gujarat Pollution Control Board,  
"Paryavaran Bhavan" Sector 10-A,  
Gandhinagar - 382010.

(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)



# 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 <sup>24</sup>/<sub>2018</sub>

Dakshin Gujarat Vij Co. Ltd.

O & M Sub. Division, Dahej.

### Appreciation Letter

To,

✓ M/s. Bharuch Enviro Infrastructure Ltd.,  
P.No. D-43, GIDC Estate,  
Dahej Ta. Vagra, Dist. Bharuch.

**Sub.:-**Appreciation Regarding Tree plantation at DGVCL, Dahej sdn office.

With reference to the above subject M/s. Bharuch Enviro Infrastructure Ltd. had arranged tree plantation program on dated:21.08.18 as per this office request in our office premises. We are very thankful of M/s. Bharuch Enviro Infrastructure Ltd. for this noble "Save Environment" activity.

Thanking you.

Deputy Engineer (O&M)  
Dahej S/Dn,  
DGVCL





# વાવ ગામ પંચાયત

મુ.પો. વાવ તા. વાગરા જી. ભરૂચ.

ક્રમાંક :

જવક નં.

CP-17

પતિ શ્રી,

તા.

-૨૦૧૧

શ્રી મેનેજર અફિલ

C S R યુ.પી એલ લીમિટેડ

આપી અમો આપનો આભાર વ્યક્ત કરતા રહ્યાં છીએ અને ગૌરવની લાગણીઓ અનુભવીએ છીએ કે યુ.પી.એલ કંપની દ્વારા અમારા ગામની આવેલી ગાયર કમીનમાં ૮ એકર પહોંચીકરણની કામગીરી કરેલ છે.

જે યુ.પી.એલ કંપની અને BEAL દ્વારા કર્યામાં આવેલ પહોંચીકરણની તસ્દીમાં પઠાવેલ અને લોકોની સુખાકારીમાં એકમ લેજા આરા પરીણામ આવશે એવું અમારું માનવું છે. આવી જ રીતે અમારા ગામના અન્ય લોકોની સુખાકારીના કામો કરતા રહો એવી અમે તમારીપાસે અપેક્ષા રાખીએ છીએ અને અમે તમારો અમારા ગામ તથા ગ્રામ પંચાયત તરફથી તમારો હૃદયપૂર્વક આભાર માનીએ છીએ. જય હીંદ જય ભારત.


મુરખંચ

ગામ પંચાયત - વાવ

તા. વાગરા, જી. ભરૂચ

ડાકો રાજીવભાઈ રાજીવ






# નાંદરખા ગામ પંચાયત

મુ.પો. નાંદરખા. તા. વાગરા. જી. ભરૂચ.

ક્રમાંક : જાવક નં.



તા. ૦૩ - ૦૮ - ૨૦૧૮

CP-1-16

પ્રતિ શ્રી,

રિપોર્ટ

ગ્રામ પંચાયત નાંદરખા  
તા- વાગરા, જિ- ભરૂચ

વિષય:- વૃક્ષ સંરક્ષણ બાબતે સ્થાપના બાબત.

અવિનય મહ ઉપરાધિકારિ વિધાયક, સ્થળકાર્ધાતે


લગ્ન જાહેરાતવાળું કે નોંધ ગામ નાંદરખા તા- વાગરા, જિ- ભરૂચ

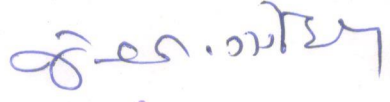
ગામે વૃક્ષો લાવેલ છે. તેમજ માધુ લક્ષ્મી દરમ્યાન વિભાગ

વૃક્ષોનું પાલન કરવાનું થાય છે. તો સ્થાપના ગ્રામ પંચાયતને જ

વૃક્ષ સંરક્ષણ બાબતે જાણી જાણી. સ્થાપના સ્થાપના માટેની જી ને

સ્થાપના જાણી સ્થાપના છે.

  
 નાંદરખા ગ્રામ પંચાયત - નાંદરખા  
 તા. વાગરા, જી. ભરૂચ

  
 સરપંચ  
 ગ્રામ પંચાયત-નાંદરખા  
 તા. વાગરા, જી. ભરૂચ





# BHARUCH ENVIRO INFRASTRUCTURE LTD.

Plot No - 43, G.I.D.C Dahej - 392 130

## CHALLAN CUM GATE PASS

(NON - RETURNABLE)

Pad Copy

Phone : 02641-291129

NO. 0228

M/s. Nandarkha Gram Panchayat

Village - Nandarkha

To - Vagra

Dis - Bharuch

Date : 03/08/2019

Carrier : GJ 36 W 7283

L.R.No. : \_\_\_\_\_

Date : 03/08/2019

Sr. No.	Item Description	Quantity	Purpose	
1	Tree Guard ( CSR activity )	40 NOS	Loan	For Tree Plantation at Village Nandarkha To Vagra Requested by Padyamanjir C.BJP Yuv Morche President
			Sample	
			Party Goods	
			Empty Carbo Drums/Cylinders	
			Others	
Prepared by G. P. Requested by <u>Dhruv</u>	Authorised by <u>Rajesh Mishra</u>	Security Dept.	1	Please return duplicate copy while receiving materials.
		Out		Received the items stated above in good condition and as per quantity
		In		
Dept. <u>CSR</u>	Permitted by	Checked by <u>Anand</u>	Receiver's Signature with Stamp	







## **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 :                      Yes / No  
Centralized Secured Landfill at  
Ankleshwar Industrial Estate
- (b)      If yes, mention the quantity of solid waste :                      / Year  
to be disposed off.
- (c)      Do you have the facility of storing :                      Yes /-No  
the solid waste in monsoon?
- (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.**

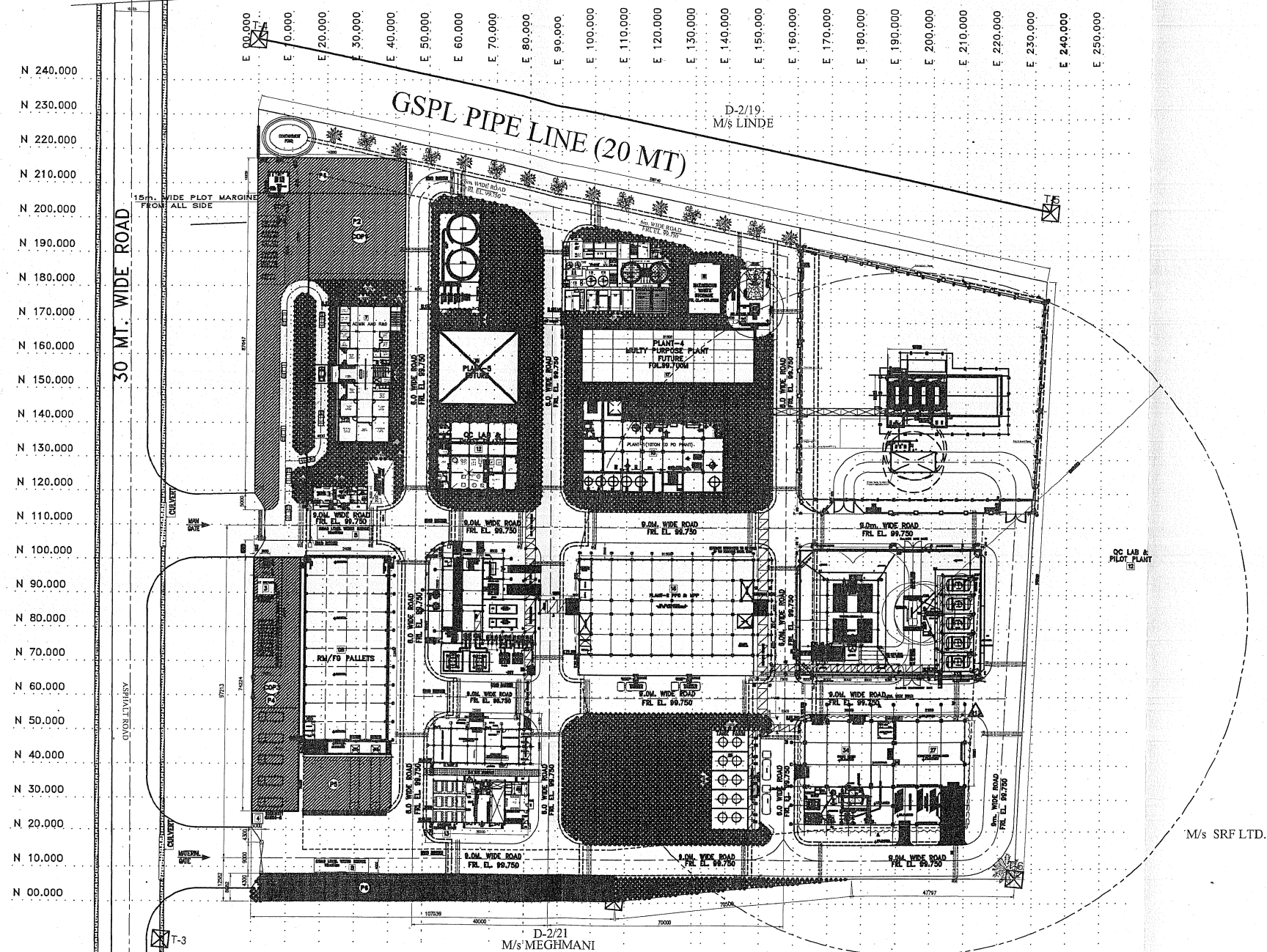
Type of Solid Wastes	Source	Physical property (Slurry / Sludge / Solid)	Quantity	
			Ton Per Day	Ton Per Year
1. Treated Heavy Metal Sludge				
2. Treated CN Waste Sludge				
3. Spent Carbon Residue				
4. Spent Activated Clay				
5. Alkaline Sludge				
6. Any Other				

<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 FLUOROCHEMICALS 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	POLYCAB 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	ANKLESHWAR	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	ANKLESHWAR	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		
AREA TABLE		
SR. NO.	DESCRIPTION	AREA (Sq. Feet)
A	Plot Area	600.00
B	Concrete Plot Area (1000 Sq. Yds. of Plot Area Exceeding 200000 Sq. Yds. Should be Minimum Proportion)	310.00
C	Common Plot Area (Residential Plot/Plot/Plot)	100.00
D	Plotting (Residential Plot/Plot/Plot) of Plot Area	400.00
E	Tree Plantations (Residential Plot/Plot/Plot and Road)	700.00
F	Concrete Plot Area (Plot/Plot/Plot and Road)	200.00
G	Concrete Plot Area (Plot/Plot/Plot and Road)	200.00
H	Proposed Plot Area (Residential Plot/Plot/Plot)	100.00
I	Additional Future Plot Area (Residential Plot/Plot/Plot)	100.00

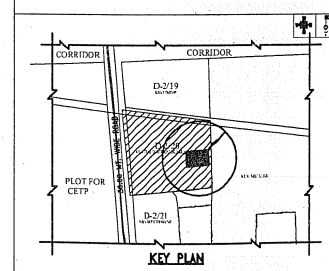
BLM#	DESCRIPTION	WEI	EST. TO PLANT	REMARK
3	SECURITY CABIN	154.00	200.00	
3	SECURITY HALL AND VISITOR MATHS ROOM	174.5	200.00	
3	IT BROADCAST ROOM	15.0	200.00	
4	SECURITY CABIN-2	15.00	200.00	
5	MEAL KITCHEN	174.00	200.00	
5	COOK CHANGING/PLAID & TOWELHOUSE	154.00	200.00	
7	ADMIN BLDG	40.50	200.00	
8	WATER TOWER AND PUMP ROOM	154.00	200.00	
9	WATER TREATMENT PLANT	20.00	200.00	
10	WATER TOWER AC ROOM	15.00	200.00	
11	SECURITY CABIN	15.00	200.00	
12	OFFICE AND WREST PLANT	15.00	200.00	
13	OFFICE & BROADCAST CATERING DAMAGE ROOM	20.00	200.00	
14	SECURITY CABIN	15.00	200.00	
15	PLANT-1 PLANT & BLDG	15.00	200.00	
16	PLANT-2 PLANT & BLDG	15.00	200.00	
17	PLANT-3 PLANT & BLDG	15.00	200.00	
18	PLANT-4 PLANT & BLDG	15.00	200.00	
19	PLANT-5 PLANT & BLDG	15.00	200.00	
20	PLANT-6 PLANT & BLDG	15.00	200.00	
21	PLANT-7 PLANT & BLDG	15.00	200.00	
22	PLANT-8 PLANT & BLDG	15.00	200.00	
23	PLANT-9 PLANT & BLDG	15.00	200.00	
24	PLANT-10 PLANT & BLDG	15.00	200.00	
25	PLANT-11 PLANT & BLDG	15.00	200.00	
26	PLANT-12 PLANT & BLDG	15.00	200.00	
27	PLANT-13 PLANT & BLDG	15.00	200.00	
28	PLANT-14 PLANT & BLDG	15.00	200.00	
29	PLANT-15 PLANT & BLDG	15.00	200.00	
30	PLANT-16 PLANT & BLDG	15.00	200.00	
31	PLANT-17 PLANT & BLDG	15.00	200.00	
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40	PLANT-26 PLANT & BLDG	15.00	200.00	
41	PLANT-27 PLANT & BLDG	15.00	200.00	
42	PLANT-28 PLANT & BLDG	15.00	200.00	
43	PLANT-29 PLANT & BLDG	15.00	200.00	
44	PLANT-30 PLANT & BLDG	15.00	200.00	
45	PLANT-31 PLANT & BLDG	15.00	200.00	
46	PLANT-32 PLANT & BLDG	15.00	200.00	
47	PLANT-33 PLANT & BLDG	15.00	200.00	
48	PLANT-34 PLANT & BLDG	15.00	200.00	
49	PLANT-35 PLANT & BLDG	15.00	200.00	
50	PLANT-36 PLANT & BLDG	15.00	200.00	
51	PLANT-37 PLANT & BLDG	15.00	200.00	
52	PLANT-38 PLANT & BLDG	15.00	200.00	
53	PLANT-39 PLANT & BLDG	15.00	200.00	
54	PLANT-40 PLANT & BLDG	15.00	200.00	
55	PLANT-41 PLANT & BLDG	15.00	200.00	
56	PLANT-42 PLANT & BLDG	15.00	200.00	
57	PLANT-43 PLANT & BLDG	15.00	200.00	
58	PLANT-44 PLANT & BLDG	15.00	200.00	
59	PLANT-45 PLANT & BLDG	15.00	200.00	
60	PLANT-46 PLANT & BLDG	15.00	200.00	
61	PLANT-47 PLANT & BLDG	15.00	200.00	
62	PLANT-48 PLANT & BLDG	15.00	200.00	
63	PLANT-49 PLANT & BLDG	15.00	200.00	
64	PLANT-50 PLANT & BLDG	15.00	200.00	
65	PLANT-51 PLANT & BLDG	15.00	200.00	
66	PLANT-52 PLANT & BLDG	15.00	200.00	
67	PLANT-53 PLANT & BLDG	15.00	200.00	
68	PLANT-54 PLANT & BLDG	15.00	200.00	
69	PLANT-55 PLANT & BLDG	15.00	200.00	
70	PLANT-56 PLANT & BLDG	15.00	200.00	
71	PLANT-57 PLANT & BLDG	15.00	200.00	
72	PLANT-58 PLANT & BLDG	15.00	200.00	
73	PLANT-59 PLANT & BLDG	15.00	200.00	
74	PLANT-60 PLANT & BLDG	15.00	200.00	

COMMON PLAY AREA			PARTIAL AREA CALCULATION		
1.	$\frac{1}{2} \times 20$	$20.0 \times 25.0 = 711.00 \text{ Sqyd.}$	1.	$\frac{1}{2} \times 5.00$	$5.00 \times 10.00 = 441.00 \text{ Sqyd.}$
2.	$\frac{1}{2} \times 20$	$20.0 \times 15.0 = 132.00 \text{ Sqyd.}$	2.	$\frac{1}{2} \times 20$	$20.0 \times 25.0 = 711.00 \text{ Sqyd.}$
3.	$\frac{1}{2} \times 20$	$20.0 \times 10.0 = 90.00 \text{ Sqyd.}$	3.	$\frac{1}{2} \times 20$	$20.0 \times 10.0 = 132.00 \text{ Sqyd.}$
TOTAL			4.	$\frac{1}{2} \times 20$	$20.0 \times 10.0 = 1167.00 \text{ Sqyd.}$
			5.	$\frac{1}{2} \times 20$	$20.0 \times 17.00 = 448.00 \text{ Sqyd.}$
			6.	$\frac{1}{2} \times 20$	$20.0 \times 8.00 = 631.25 \text{ Sqyd.}$
			TOTAL		

Sr.No.	DWG.NO.	TITLE
1	1471-LFD-101_R0 (SHEET 2 OF 2)	PIPEBACK SECTION DETAIL

**LEGEND:-**

	GREEN BELT		200# ELECTRICAL HUMID PIPE
	PLOT BOUNDARY		300# SPARE HUMID PIPE
	PROPOSED BLDG.		450# FIRE WATER HUMID PIPE
	PARKING SPACE		UNDER GROUND FIRE HYDRANT LINE

[illegible]

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**Shroff**  
INCORPORATED

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

Title: PLOT PLAN

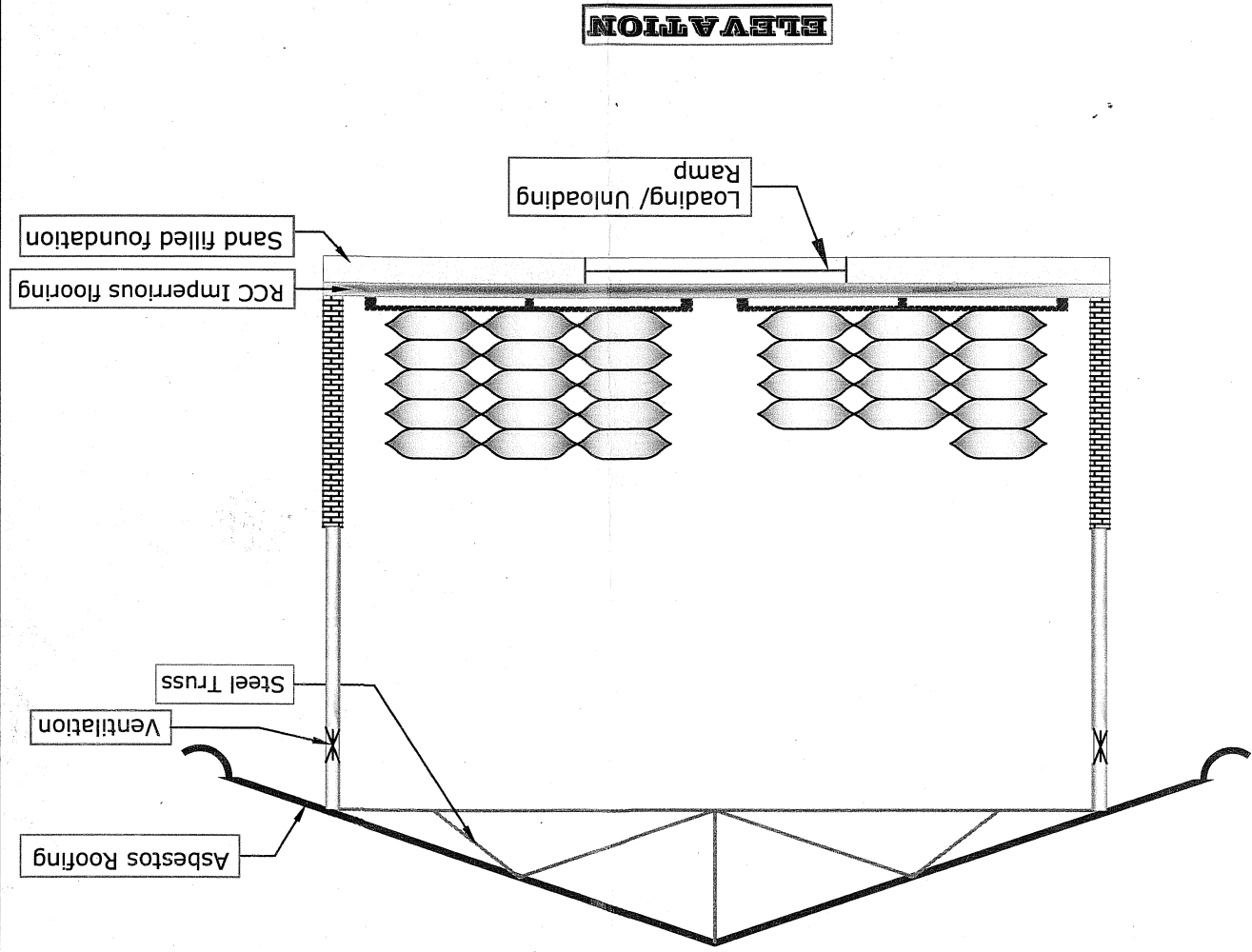
Owner: M/s DAI ICHI KARKARIA LTD.

Plant: \_\_\_\_\_ Location: DAHEJ

Project Name: ALKOXYLATION Project No: C-1471

Scale: 1:400 Dwg. No. 1471-EP-104 Sheet 1 of 2 Date 01

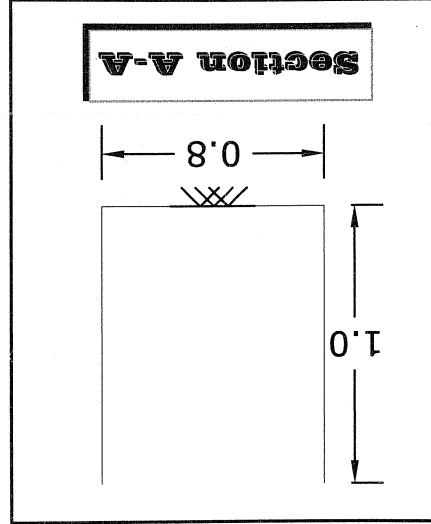
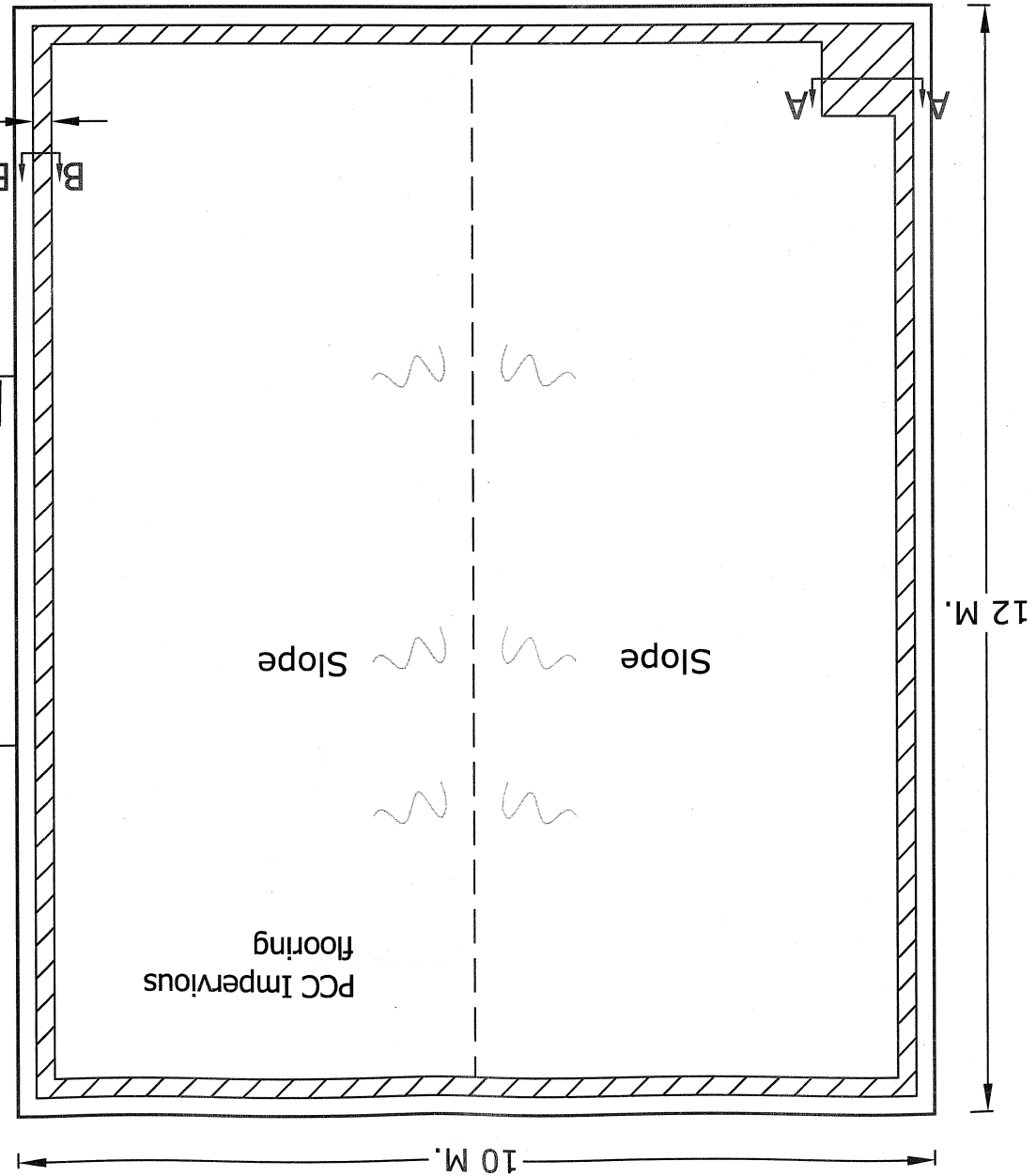
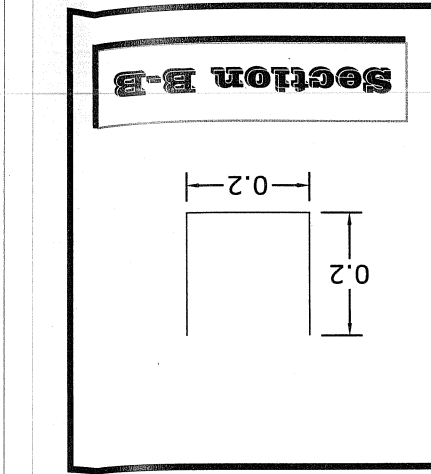
Schematic Design-  
Hazardous Waste Storage Facility



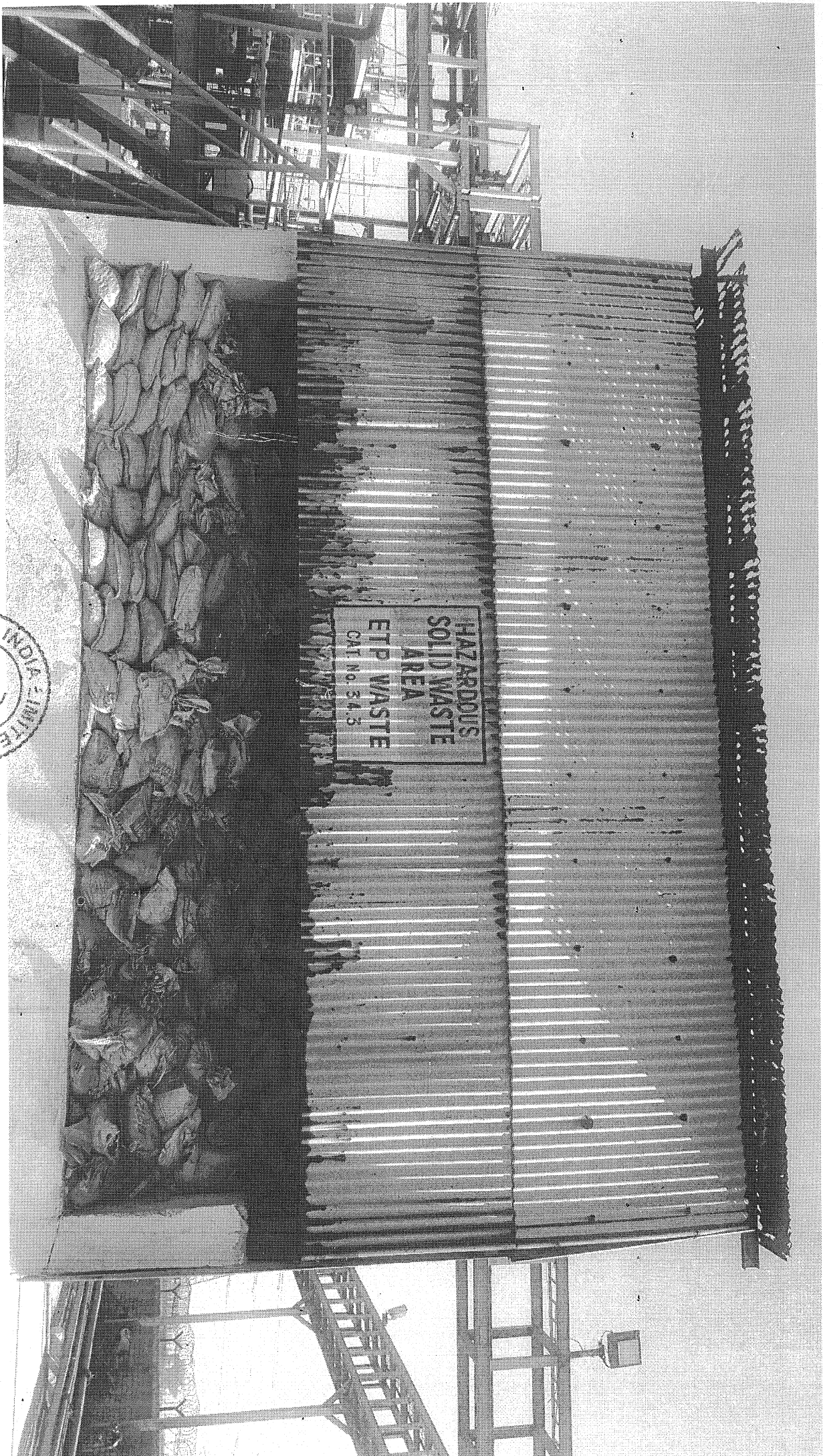
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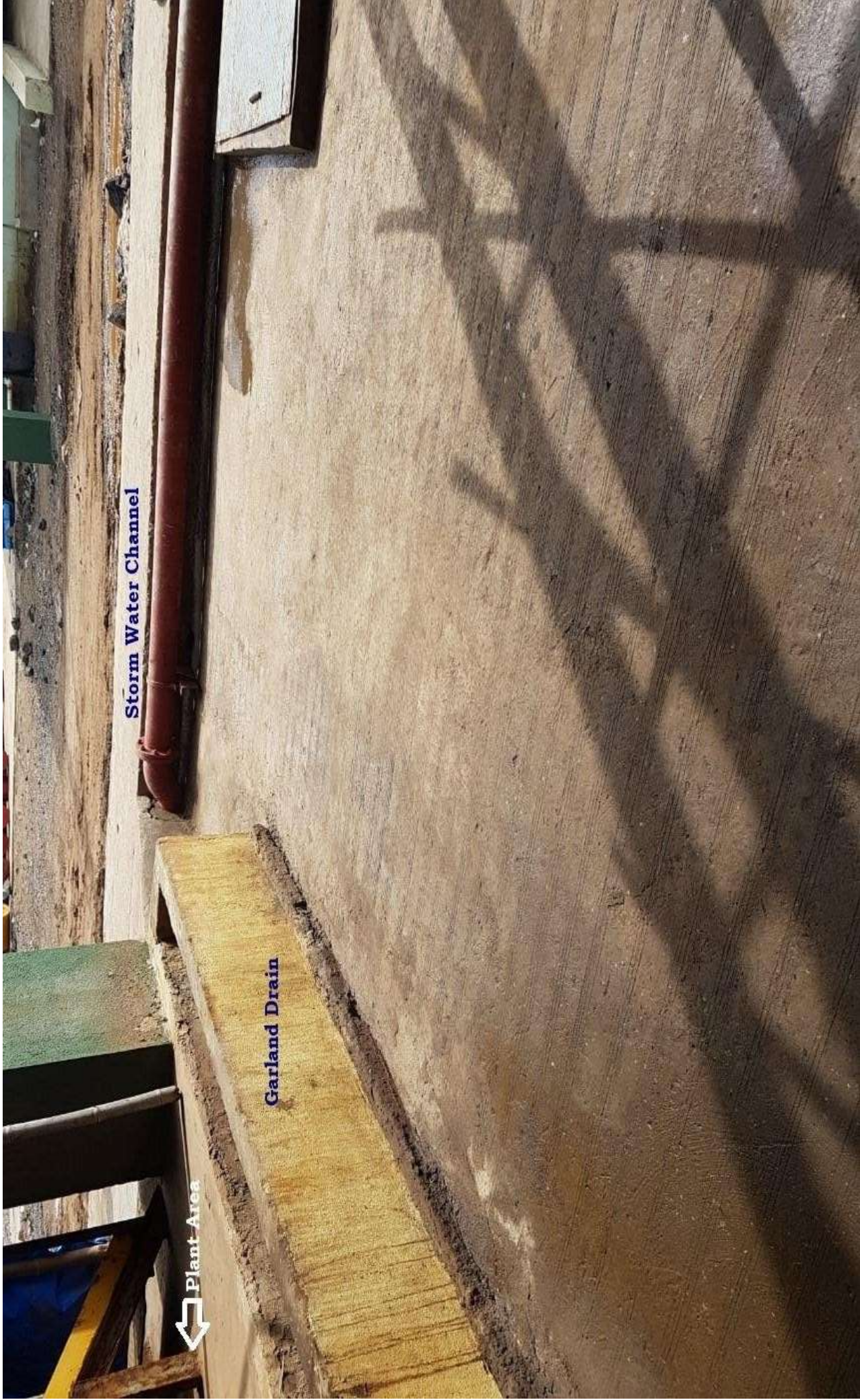




HAZARDOUS  
SOLID WASTE  
AREA  
ETP WASTE  
CAT. No. 3, 4, 5





















## LANDFILL MONSOON COVER PHOTOGRAPHS





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



*Handwritten signature*

APPROVED BY

**INDIAN INSTITUTE OF TECHNOLOGY,  
NEW DELHI**

*Handwritten signature*  
2.11.13

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



DATE

REV.

26.09.13

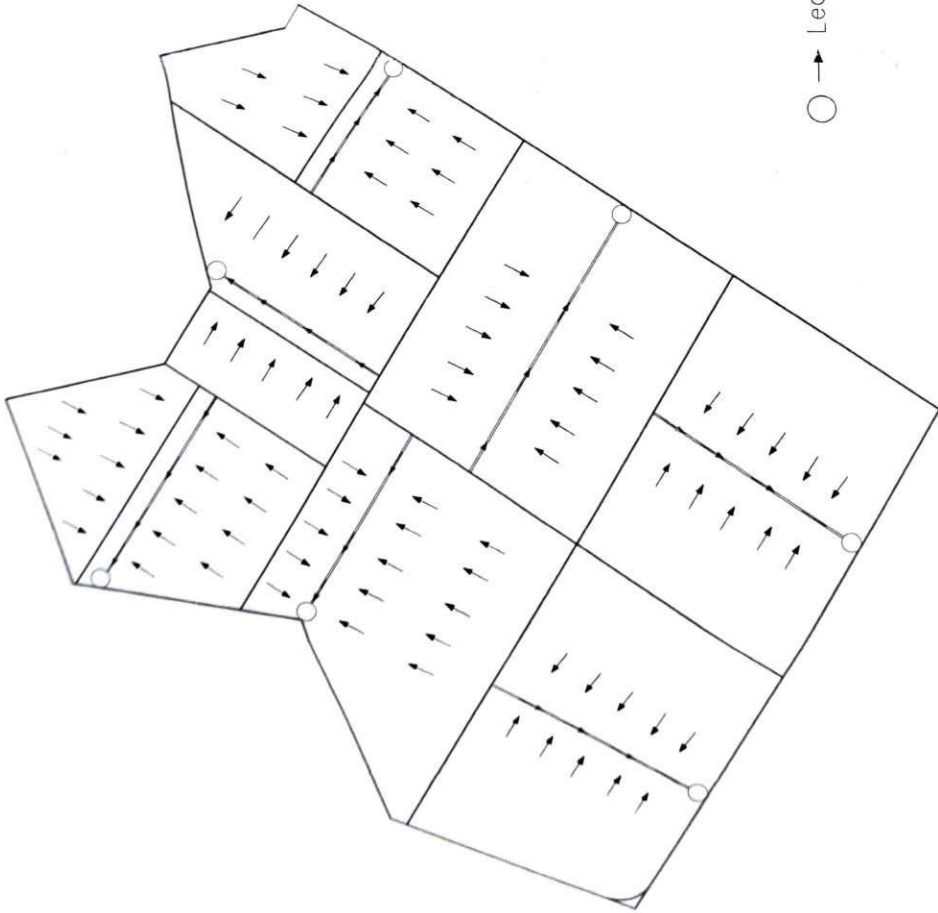
DRG NO

BEIL-LAY-09

SCALE

ALL DIMENSIONS SHOWN ARE IN METER

N.T.S.



○ → Leachate Collection Wells

## LEACHATE COLLECTION SYSTEM

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

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

<b>Sr. No.</b>	<b>Name and Address</b>	<b>Points represented and / or written submission</b>	<b>Compliance Status</b>
1	Shri Raghuvirsinh Udaysinh Rana Village: Dahej, Taluka: Vagra, District: Bharuch	Whether GPCB is carrying out monitoring of the ambient air parameters SO <sub>x</sub> , NO <sub>x</sub> 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 paniyadara 2000 nos in Padariya  We have also tied up with local gram panchayat and have prepared a five year plantation plan, wherein we will be providing trees and tree guards to the panchayat.
		In connection with Narmada Parikrama, he advised the industries to give necessary facilitation for this noble cause.	Complied.
		He informed that since 1995 various public hearing were conducted in this school premises but lot of work for the development of school is required to be done. He advised the project proponent to donate for school room as well as its compound wall.	Complied. We have donated Rs. 50000 to Shri P.J. Chheda Janta Vidhyalaya, Rs. 10000 to School Management Committee & Rs. 5000 to Archarya Prathmik Shala, Dahej
6	Shri Haniabhai President of Dahej Industrial Association, Village: Dahej, Taluka: Vagra, District: Bharuch	He said that Dahej Industrial estate is established in 1993. 20 years is passed for the growth.	Noted.
		He added that this project will to come before one year but due to some reason, project is	Complied We applied to GIDC for land on 06.04.2009 and got allotment &

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



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



## BHARUCH ENVIRO INFRASTRUCTURE LTD.

(Unit - Dahej)

CIN-U45300GJ1997PLC032696

18<sup>th</sup> 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]*  
કુ. કલાર્ક  
રજીસ્ટ્રાર શાખા  
અ. પં. ભરૂચ

*[Signature]*  
રજીસ્ટ્રાર શાખા  
અ. પં. ભરૂચ

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

## **COMPOST SITE BUILT BY BEIL IN DAHEJ VILLAGE**



### Collection of Kitchen Waste (door to door)



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





## Kitchen garden at Composting Site





**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
<b>Secured Landfill Facility</b>			
Temporary storage of Hazardous waste	Leachate Generation	Collection of leachate and treatment	Complied. Temporary storage of hazardous waste is provided for monsoon period. Leachate generating from the temporary storage is being collected and treated 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	<ul style="list-style-type: none"> <li>- Avoid spillages by careful handling of the solid waste.</li> <li>- Clean the floor regularly and collect the waste &amp; dispose in landfill</li> </ul>	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"> <li>- Inspect the dumpers and ensure that there is no leakage/spillage from the vehicle.</li> <li>- Loaded dumpers/trucks with waste should be fully covered.</li> <li>- Impart training to the drivers.</li> <li>- Dumpers/trucks should be leak proof</li> </ul>	<p>Complied.</p> <p>-Regular inspection of the dumpers is done to ensure that there is no leakage/spillage from the vehicle.</p> <p>-Loaded dumpers/ vehicles are being covered, leak proof as well.</p> <p>-Drivers are given training also.</p>
	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"> <li>- Strictly to follow the acceptance criteria.</li> <li>- Check the reactivity of the wastes prior to disposal</li> </ul>	<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	<p>Cover the sub-cells of the facility with tarpaulin to prevent entry of rain water</p> <p>Close monitoring of the site round the clock during monsoon</p>	<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	<ul style="list-style-type: none"> <li>- Monitoring groundwater at upstream and downstream of the site.</li> <li>- Groundwater monitoring surrounding the site as per pre-designed plan</li> <li>- Proper barrier systems like impermeable liners, gravity slope and gravel packed channels are constructed for natural flow of leachate and contact water.</li> <li>-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</li> </ul>	Complied <ul style="list-style-type: none"> <li>- We have total 4 monitoring (1 Upstream and 3 downstream wells of the site and monthly monitoring.</li> <li>- An IT approved leachate collection system is developed and there is a garland drain around the leachate tank.</li> <li>- 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.</li> </ul>
Air Quality	Air pollution (Fugitive, Dust and gaseous emissions)	<ul style="list-style-type: none"> <li>-Ambient Air Monitoring for various parameters at the site and surroundings</li> <li>- Water Dumpers, sprinklers are deployed for water spraying.</li> <li>-Tree plantation around the facility are and along the roads.</li> <li>-Respirable dust samples are collected and analysed periodically to ensure that the</li> </ul>	Complied <ul style="list-style-type: none"> <li>-We are regularly monitoring the ambient air quality parameter at the site and surrounding</li> <li>-We are deployed water dumpers, sprinklers for water spraying.</li> <li>-We are developed tree plantation around the facility and along the roads.</li> </ul>

		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



Socio- Economic	Socio- Economic Impact	<p>overcrowding is expected and the impact will be insignificant.</p> <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>is expected and the impact will be insignificant.</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 &amp; 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"> <li>- Disaster management plan (DMP) is in place.</li> <li>- A well-laid firefighting system and fire extinguishers are already installed as per fire safety norms.</li> <li>-Regular fire safety training will be conducted.</li> <li>-Road/Fire Safety Week/National safety Day/Safety Week Celebration are</li> </ul>	<p>Complied.</p> <p>Since the TSDF site is already operational, this is an expansion of TSDF</p> <ul style="list-style-type: none"> <li>-We have prepared and Implemented Disaster Management Plan.</li> <li>-A well-laid firefighting system and fire extinguishers are provided as per fire safety norms.</li> <li>-Regular safety training is being conducted.</li> <li>- National safety week is celebrated at our site every year.</li> </ul>

Health and Safety	Injury	observed to improve the safety consciousness.	<p>Since the TSDF site is already in operation, -Preplacement and Periodical medical examination of the TSDF site workers.</p> <p>-Use of personal protective equipment.</p> <p>-BEIL shall continue the health monitoring program for the employees. It should focus especially on workers who are handling the hazardous waste.</p>	<p>Complied</p> <p>-Preplacement and Periodical medical examination of the TSDF site workers is being done.</p> <p>-PPEs are being provided to all the workers and employees.</p> <p>-BEIL will continue the health monitoring program for the employees. It would focus especially on workers who are handling the hazardous waste.</p>
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.	Complied	<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> <p>-Since the top coverage system is provided with proper liner system including HDPE liner, the rainwater is taken care of properly.</p> <p>-The rainwater is going through the drainage system without any contamination.</p> <p>-The rainwater harvesting system is provided based on the technology given</p>	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 (TSD) 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 11/05/2020 Sign \_\_\_\_\_



Your Positive Attitude for Control for Pollution is welcome

Environmental Clearance

19/10/2020. The proposal was considered by



*Dalrej - Inc + Landf  
EC*

F. No. 10-43/2016-IA-III  
Government of India  
Ministry of Environment, Forest and Climate Change  
(IA.III Section)

Indira Paryavaran Bhawan,  
Jor Bagh Road, New Delhi - 3  
[lk.bokolia@nic.in](mailto:lk.bokolia@nic.in) Tel: 011-24695301  
Date: 18<sup>th</sup> 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 15<sup>th</sup> November 2019 and EDS reply letter on 17<sup>th</sup> 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)





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 110<sup>th</sup> 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:

- 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.
- This proposed project is located at Plot No. D-43, Dahej Industrial Estate, Taluka Vagra, Dist. Bharuch, Gujarat.
- 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.
- 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.
- 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 <sup>3</sup> /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 m<sup>2</sup>

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
<b>Wastewater generation (KL/Day)</b>		<b>589 KLD</b>	<b>685.5 KLD</b>	<b>1,274.5 KLD</b>	

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
<b>Total</b>		<b>Rs. 100 Lacs</b>	<b>Rs. 55 Lacs</b>

- xvii. ToR obtained from Ministry on 23<sup>rd</sup> 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, 8<sup>th</sup> 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**

<b>S. No</b>	<b>EC Conditions</b>
<b>1.1</b>	Stack emission levels should be more stringent than the existing standards in terms of the identified critical pollutants.
<b>1.2</b>	Effective fugitive emission control measures should be implemented.
<b>1.3</b>	Proponent should use cleaner fuel. Use of pet coke/furnace oils/LSHS should be avoided.
<b>1.4</b>	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.
<b>1.5</b>	Unit shall provide wall to wall carpeting in vehicle movement areas within the premises to avoid dusting.
<b>1.6</b>	The unit shall adhere to sector-specific guidelines/SOP published by SPCB/CPCB from time to time.
<b>1.7</b>	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.
<b>1.8</b>	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 <sup>2</sup> 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





**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, 2006 as 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, Gujarat. 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 <sup>2</sup> 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

## BEIL INFRASTRUCTURE LIMITED



PLOT NO.D. 43, DAHEJ INDUSTRIAL ESTATE, TALUKA - VAGRA,  
DIST - BHARUCH – 392 130, GUJARAT, INDIA.

*Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the Management System Standards detailed below.*

## Standards

## ISO 14001:2015 &amp; ISO 45001:2018

## Scope of certification

**OPERATION & MAINTENANCE OF COMMON HAZARDOUS WASTE  
TREATMENT, STORAGE AND DISPOSAL FACILITY (SECURE LANDFILL &  
MEE) AND RELATED ANALYTICAL SERVICES**

Original cycle start date for ISO 14001: **25 June 2016**

Original cycle start date for ISO 45001: **08 March 2021**

Recertification cycle start date: **22 June 2022**

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: **25 June 2025**

Certificate No. **IND.22.8566/IM/U**

Version: 1

Revision date: **22 June 2022**

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



0008

Certification body  
address:

5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom.

Local office:

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

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







Ref.: BEIL/DHJ/2024-25/35

Date: 18.11.2024

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'2024 to September'2024.

- Ref.:1. Environmental Clearance No. SEIAA/GUJ/EC/7(d)/227/2013 dated 22<sup>nd</sup> 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 referred Environment Clearances for period April'24 to September'24. With this, we would also like to inform that EC no F. No. 10-43/2016-IA-III dated 19th Dec 2018 for Installation of two incinerators and capacity enhancement of existing Landfill are implemented till date. However, Incinerator plant is installed and started from October- 2022.

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

Landfillable Waste received (During 01.04.2024 to 30.09.2024)	1,52,692.685MT
Cumulative quantity disposed in landfill from the beginning (up to 30.09.2024)	15,28,715.353MT

*Blawit 25/11/24*  
 Post Received  
 Gujarat Pollution Control Board  
 BHARUCH

**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 01.04.2024 to 30.09.2024	7643.405 MT	7,918.607 MT
Cumulative up to 30.09.2024	27,691.635 MT	26,343.667 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



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

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

**Subject:** EC Compliance for the period of April'24 to September'24 of BEIL Infrastructure Ltd.-Dahej , Plot No- D-43, GIDC Dahej, Tal - Vagra, Dist. - Bharuch.

Dear sir,

Please find the EC compliance report to download the link for the period of **April'24 to September'24** of BEIL Infrastructure Ltd.-Dahej.

link : <https://we.tl/t-U0oDXRAWlQ>

Best Regards,  
Bhupendra Dalwadi | Chief Executive Officer  
**BEIL Infrastructure Ltd.**,  
Work Office : Plot No 9701-16,  
GIDC Industrial Estate,  
GIDC, ANKLESHWAR – 393002  
Gujarat. India.

Mob : +91 99099 94959

Website: [www.beil.co.in](http://www.beil.co.in)

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BEIL disclaimer



Ref. BEIL/DAHEJ/2015

30<sup>th</sup> 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

A.A.DOLTI  
MEMBER SECRETARY  
SEIAA (GUJARAT)



Government of Gujarat

STATE LEVEL ENVIRONMENT  
IMPACT ASSESSMENT  
AUTHORITY  
GUJARAT

No. SEIAA/GUJ/EC/7(d)/ 227/2013

Date: 22 JUL 2013  
Time Limit

Sub: Environment Clearance for M/s. Bharuch Enviro Infrastructure Limited (BEIL) for setting up of a common hazardous waste Treatment, Storage, Disposal Facility (TSDF) and Multiple Effect Evaporation (MEE) Plant at Plot No. D-43, Dahej Industrial Estate, Tal. Vagra, Dist. Bharuch..... in Category 7 (d) of Schedule annexed with EIA Notification dated 14/9/2006.

Dear Sir,

This has reference to your application along with Form-I vide letter dated 30/12/2011, Final Environmental Impact and Risk Assessment Report vide letter dated 22/04/2013, submitted to the SEAC, seeking Environmental Clearance under Environment Impact Assessment Notification, 2006.

The proposal is for Environmental Clearance for M/s. Bharuch Enviro Infrastructure Limited (BEIL) for setting up of a common hazardous waste Treatment, Storage, Disposal Facility (TSDF) and Multiple Effect Evaporation (MEE) Plant at Plot No. D-43, Dahej Industrial Estate, Tal. Vagra, Dist. Bharuch. M/s. Bharuch Enviro Infrastructure Ltd. [BEIL] proposes to set up TSDF [14 Lac MT] and MEE Plant [3 x 200 KL/day] at Plot No. D-43, Dahej Industrial Estate, Dist. Bharuch. The proposal falls under project / activity no. 7(d) in the Schedule of the EIA Notification, 2006.

The proposed project falls under category 7(d) of the schedule of the EIA Notification, 2006. As the proposed project is situated in the industrial area which is not notified, it falls in Category B as per the schedule of the EIA Notification-2006.

The project activity is covered in 7(d) and is of 'B' Category. Since, the proposed project is located in the industrial area which is not notified, public consultation is required as per paragraph 7(i) (III) (i) (b) of the Environment Impact Assessment Notification-2006. Public hearing of the project was conducted by the GPCB on 05/04/2013 at 11:30 Hrs. at P. J. Chheda Janta Vidyalay, 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 14<sup>th</sup> 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 Nm<sup>3</sup>/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 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.
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.	
23 AUG 2013	
Forward No. 717	Time 12:30
Insign.	

Fifth Schedule of the Constitution: Sources said around seven Intelligence Bureau (IB) officials are camping in the villages of tribal-dominated areas of Surat, Maximal; a senior member of GAHS told TOI, "It is a peaceful movement for tribal rights. We believe in resolving the problems and issues faced by the tribal community legally and not by weapons."

Place : Surat  
Date : 24-08-2013

Authorized Officer  
Dhanlaxmi Bank Ltd.

for learner's licence," said Ahmed, bad regional transport officer Ajay Bhatt.

Launched on August 20 on Aaj Tak, 3PM's website, the app received an overwhelming response. We got 150 applications within two days. On the first day itself we received 50 applications and it doubled the next day. We are expecting many more applications through this mobile app," Bhatt said.

Once the app is reported instructions on the website and filled in required information, the applicant will be sent an SMS confirming his application for learner's licence.

"At present, those applying for learner's licence have to show up at the centre. They use the mobile app will have to merely show us the SMS or a copy of the email (that comes with sent to them)," Bhatt added.

Copies of Clearance letter are available at GPCB and on website of SEIAW  
SEAC/GPCB.  
Date : 21/08/2013  
B. D. DALWADI  
(CHIEF EXECUTIVE OFFICER)

quality, engineering, safety and reliability. The firm is following standard manufacturing norms at its various manufacturing plants. The firm has been awarded ISO 9001 certification for its manufacturing plants.

- \* જમીનથી ઝસોની આપુરવી, સુવિધા વધાવવાને કારણે છાત્રી યોગ્ય સરકારી અભ્યાસના સ્થાન શકતા નહિ હોવાથી તેમને નાણાકીય વસતી ક્લોમમાં મુશ્કેલી કરવી પડતી હોવાનો સિદ્ધાંત પ્રાપ્ત એકમ ગણેલા વલીઓએ મોળી

# ક્રેડિટ સોસાની સભા મળી

ભરૂચ, ભરૂચ પાલિકાની પી ભરૂચ  
નગરપાલિકા ઓફિસ સ્ટાફ ફેરિટ

કી.ઓ. સોસાયટી તેમજ ભરૂચ પાલિકા હરિજન વર્ક્સ ટ્રસ્ટ કો.ઓ.

यटीर साधारण सलामा अत्रे  
अडिस्सोसाधनी शिविस्त्रमा २ टकानो  
वधारी करणेले. सलमसिधनु अकण  
मृत्यु धाय तो परिवारजनेने तो जडि  
रुपिया १० हजारनी सहाय आगवानो  
निर्णय देवामा अव्यु हतो.

नेर्ण्य देवामाव्योऽतो.

52114

નર્મદા રીઝપાયા

સેલંબામાં જાહેરમાં જુગાર રમતા સલીમ પિંજરા, કાલીયા વસાવા અને સુકલાલ વસાવા અને પરશુરામ વસાવાને ઝડપી લેવાયાં હતાં. પોલીસે સાતે સાતે કાર્યવાહી હાથ ધરી છે.

यंपीकल्स लीमीटेड  
(राजस्थान)

**पोलिटेक्नीक**

॥१०॥२॥३॥

पयऱिपरणीय मंजूरी

આ ચારે જગ્યાવામાં આવે છે કે, રહેતે હેવલ એનવાયરમેન્ટ ઉપરોક્ત એસેસમેન્ટ આયોજીટી, પર્વાપથ્ય ભવન, સેક્ટર-૧૦ એ, ગાંધીનગર-૩૮૨૦૦૧ ક્ષેત્ર ભરૂચ એનવાયરમેન્ટ ઇન્સ્ટીટ્યુટના હિમાનિટિઝ, પોલન. ઈ-૧૩-દેશી ઇન્ડસ્ટ્રીયલ એરેડ, વાંવજી, ઝાલપુચ-૩૮૨ ૧૩૦(અુજાત) માટે સુચિત નોંધની કથરા માંડેની સુરક્ષીત વેકસિલ સુધિયા(TSDF) માટે ભુધિય અસયુગળ વાપીભવન (NIE) પ્લાન્ટસની સ્થાપના કરવા માંડેની પર્વાપથ્યીય મંજૂરી વા: ૨૨-૦૭-૨૦૧૩ની પડકામાં SEIAA/GU/EC/7(d)/227/2013 ક્ષરા ઇઆઈએ. નોમીનિશન તારીખ ૧૨ સેપ્ટેમ્બર ૨૦૦૭ નોગવાઈ રેકળ અપોલ છે. કલ્પિયરસ પાંડેની નકલ અુજાત પોલુશન કંટ્રોલ SEIAA/SEAC/GPCB ની વેકસિલ ઉપર કાપલ્લ છે.

DA. ૨૧-૦૮-૨૦૧૩

Regd. Off.: 'GRUH' Netaji Marg  
Nr. Mithakhali Six Roads,  
Ellisbridge, Ahmedabad-6  
Phone.: +91-79-26421671-75

**SYMBOLIC POSSESSION NOTICE**

NOTICE is hereby given under the Securitisation and Reconstruction of Financial Assets and Enforcement of Security Interest Act, 2002 and exercise of powers conferred under Section 13(12) read with Rule 9 of the Security Interest (Enforcement) Rules, 2002, the Authorized Officer issued demand and notice on the date mentioned against the account stated hereinafter calling upon them to repay the amount within 60 days from the date of receipt of said notice.



આંતરરાષ્ટ્રીય અલ્પસંખ્યક અધિકાર દિવસની ઉજવણી



આંતરરાષ્ટ્રીય અલ્પસંખ્યક અધિકાર દિને 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 નાણાંકીય જોગવાઈ નથી. જેના કારણે ૧૧.૫% લઘુમતીઓનો વિકાસ રૂંધાઈ રહ્યો હોવાનું જણાવ્યું હતું. કાર્યક્રમ ઓલ ઇન્ડિયા ઉલેમાં બોર્ડ પ્રમુખ યુસુફખાન પઠાણ, ખ્રિસ્તી આગેવાન કિરીટભાઈ પરેરા, 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 ચકચાર જાગી હતી. જોકે ઘટનાની જાણ થતા પોલીસ કાફલો તુરંત સ્થળ પર દોડી આવ્યો હતો. પોલીસે

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 નેહરુ 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.

દિવાકર શુક્લનો હાસ્ય કાર્યક્રમ યોજાયો



રહ્યો છે. 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 કપરું 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 મોબાઇલ ગેમ્સના કારણે બાળકો હીંસા તરફ દોરાઈને હથિયારો રાખવા પ્રેરાતા હોવાનો મત તજજ્ઞોએ વ્યક્ત કર્યો છે. યુવાનના ઘરમાં...

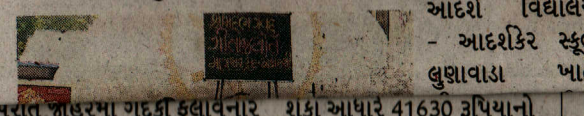
ઉચ્ચારવાનું શરૂ કરી દીધું હતું. જેના પગલે તેમની વચ્ચે ઉગ્ર બોલાચાલી થતાં તેઓએ તેને માર મારી ઈજાઓ પહોંચાડી હતી. સોસાયટીના લોકોએ દોડી આવી તેમને છોડાવતાં મનિન્દરસિંગને પકડવા જતાં તેના હાથમાંથી

રાજપારડીની શાળામાં પંચકુંડી મહાયજ્ઞ યોજાયો



રાજપારડીની પાણીની પ્રજ્ઞા પરબ શાળા ખાતેના પટંગણમાં ટ્રસ્ટી મંડળ દ્વારા તેમજ ગાયત્રી પરિવારના સભ્યોના માર્ગદર્શન હેઠળ પંચકુંડી ગાયત્રી મહાયજ્ઞનું આયોજન કરાયું હતું. કાર્યક્રમમાં શ્લોક તેમજ ગુરુજીના 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 ફલાવનાર શકા આધારે 41630 રૂપિયાનો તત્વો સામે પણ કાર્યવાહી કરતા 500 રૂપિયાનો દડ ફટકાર્યો હતો. ભરૂચા CBRએ...

નામ બદલેલ છે માત્ર જન નામ માત્ર જન નામ હવે નવું નામ સુભાષભાઈ દલપતરામ પંચાલ રાખેલ છે. સરનામું : ૨, વૃંદાવન બંગ્લો, મો. નં. ૨, ચંચોધરા બંગ્લોજ સામે, અંકલેમ્પર.

**જાહેર સુચના (પર્યાવરણીય મંજૂરી)**

આ સાથે જણાવવામાં આવે છે કે મિનિસ્ટ્રિ ઓફ એન્વાયરોમેન્ટ, ફોરેસ્ટ એન્ડ ક્લાયમેટ ચેન્જ (IA, III section) ઇન્ડિયા પર્યાવરણ ભવન, નોર બાગ રોડ, નવી દિલ્હી-૩, દ્વારા ભરૂચ એન્વાયરો ફર્નારટ્રકચર 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 ૧૬/૧૨/૨૦૧૮ 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.

ક્લીયરન્સ પત્રની નકલ ગુજરાત પોલ્યુશન કંટ્રોલ બોર્ડ ની ઓફીસ પર તથા મિનિસ્ટ્રિ ઓફ એન્વાયરોમેન્ટ, ફોરેસ્ટ એન્ડ ક્લાયમેટ ચેન્જની વેબસાઈટ (<http://www.envfor.nic.in>) ઉપર ઉપલબ્ધ છે.

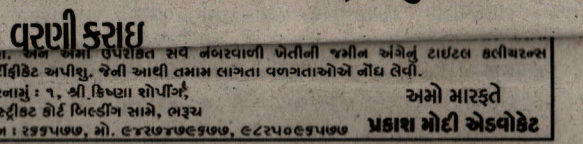
તારીખ : ૨૦-૧૨-૨૦૧૮ બી. ડી. દલવાડી (ચીફ એક્ઝીક્યુટીવ ઓફીસર)

શુક્લતીર્થ ગામમાં સખીમંડળની બહેનોને રોજગારલક્ષી માહિતી અપાઈ



ભરૂચ તાલુકાના શુક્લતીર્થ 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 હોદ્દાદારોનું સન્માન તથા વરણી કરાઈ



જા. બે. સ. ગા. ઉપરાંત સવ નંબરવાળી ખેતીની જમીન અંગેનું ટાઇટલ ક્લીયરન્સ સર્ટીફિકેટ અપીલુ. જેની આથી તમામ લાગતા વળગતાઓએ નોંધ લેવી. સરનામું : ૧, ડી.કે.પા. સોપાન, અમો મારફતે ડીરક્ટ્રીકેટ કોર્ટ બિલ્ડીંગ સામે, ભરૂચ કોન : ૨૬૫૫૭, મો. ૯૨૭૭૭૯૯૭૭, ૯૮૨૫૦૯૭૫૭૭ પ્રકાશ મોટી એડવોકેટ

**જાહેર સુચના (પર્યાવરણીય મંજૂરી)**

આ સાથે જણાવવામાં આવે છે કે મિનિસ્ટ્રિ ઓફ એન્વાયરોમેન્ટ, ફોરેસ્ટ એન્ડ ક્લાયમેટ ચેન્જ (IA, III section) ઇન્ડિયા પર્યાવરણ ભવન, નોર બાગ રોડ, નવી દિલ્હી-૩, દ્વારા ભરૂચ એન્વાયરો ફર્નારટ્રકચર 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 ૧૬/૧૨/૨૦૧૮ 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.

ક્લીયરન્સ પત્રની નકલ ગુજરાત પોલ્યુશન કંટ્રોલ બોર્ડ ની ઓફીસ પર તથા મિનિસ્ટ્રિ ઓફ એન્વાયરોમેન્ટ, ફોરેસ્ટ એન્ડ ક્લાયમેટ ચેન્જની વેબસાઈટ (<http://www.envfor.nic.in>) ઉપર ઉપલબ્ધ છે.

તારીખ : ૨૦-૧૨-૨૦૧૮ બી. ડી. દલવાડી (ચીફ એક્ઝીક્યુટીવ ઓફીસર)



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

Issued Fake  
s From Bank  
nch In Fort'

becca.Samervel  
timesgroup.com

Over two days, the  
sted 10 persons, includ-  
nt former Punjab Na-

ade under the Maratha  
and stamps (IGR) is in the final  
updating nearly 150TB data in  
technology. Data from 2002 on-  
ored in servers would soon be  
to the cloud to ensure a "ser-  
free" operation, said an offici-  
egistration department.

ave decided on a Mahape-ba-  
service provider and our tek-  
ing with its representatives  
st two months. While we are

the data is uploaded at the  
several technical issues are  
the rollout of cloud technolo-

ges," said Anil Kawade, state  
general of registration and  
he department is struggling  
that all the data uploaded on

checked for data security.  
e some hurdles on applica-  
integration of data fronts,  
e data of all the 36 districts  
oaded simultaneously, these  
hurdles are being addressed

smooth system can be evol-

## THE ₹13,000CR FRAUD

➤ Earlier this  
year, CBI booked  
diamantaire  
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 there-  
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 inju-  
ries. With this, the death toll in  
the tragedy rose to 10, the offici-

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.

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

ved," said an official.

After the rollout of the cloud tech-  
nology, delays at regist-  
ration 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 technolo-  
gy 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 ગુલાતિત રેસીડન્સી નં. ૪, લાલબાગ સોસાયટી, માંજલપુર,  
વડોદરાનાઓ હાલની જાહેર નોટીસ આપી જણાવીએ છીએ કે, અમારી પુત્રી  
હૈના એસ. કુમાર, રહેવાસી સદરનાઓની અમો બન્નેની કોઈપણ જાતની  
રજા મંદિ વગર તેમજ અમોને કોઈપણ જાતની જાણકારી આપ્યા વગર કોઈક  
ગ્રાહિત ઇસમની સાથે અમારી સંમતિ કે પરવાનગી વગર અમારુ ઘર છોડીને  
અમારી મરજી 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

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

રવાના અમારી મારફતે,

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)



ટ્રક પાછળ બસ ટકરાતાં ડ્રાઈવર  
સહિત મુસાફરોને ઈજા પહોંચી  
અંખરથી દાહોદ રૂટની બસનો લાડપુર નજીક અડસાત

અંજાર ઊંઘો ખાતે ૬૬૨૨૨  
તરફે ફરજ બાબત  
અનુભાવઈ હરગોષ્ઠીના  
પ્રજ્ઞાપતિએ ઝોપરા તાલુકા  
પોલીસથાને ફરિયાદ નોંધાવી  
કરી. જેમાં તેઓએ જણાવ્યું  
હતું કે તેઓ તા.૭ સવારે  
અંજારથી દાહોદ રૂટની બસ  
લઈને નીડવાઈ ગયા. ઝોપરાથી  
રેવાની બસ દાહોદ તરફ  
તેઓના થઈ હતી. એટલી બધી  
ઝોપરા તાલુકાના લાડપુર  
નજીકથી પસાર થઈ રહી હતી  
તેથી લાડપુર નજીક રોડની

સાઈડમાં ઉભેલી ટ્રક સાથે  
એસટી બસ પડાકાભેર  
થયારાઈ હતી.  
ટ્રક ચાલકે કોઈપણ પ્રકારની  
આડી કે બેરિકેડ ન રાખી ટ્રક  
ઊભી રાખી હતી, જેને લઈને  
અકસ્માત સર્જાયો હતો. આ  
અકસ્માતમાં બસવાળાએ  
નીતિનભાઈ સોઝીરી સહિત  
બસમાં સવાર અમુક  
પુરુષાકરોને પણ નાનીમોટી  
ઠીંકાઓ પહોંચી હતી.  
અકસ્માતને લઈને ઝોપરા  
તાલુકા પોલીસથાને ટ્રકને  
પાકી સામે ફરિયાદ નોંધાવ  
વાઈ છે.

દાહોદના નાયબ ખેતી નિયામક વિભાગની સફળ કામગીરી  
પાવડીમાં બાઈકના પાયલોટિંગમાં  
લઈ જવાતું બનાવટી ખાતર ઝડપાયું

**42 હજારનું નક્કી ખાતર જત કરી પોલીસ 4 સામે ગુનો નોંધ્યો**

બાસ્કરભટ્ટ દાશરે

પાવડી ગામે પિકઅપ બસમાં લઈ જવાનો બનાવટી ખાતરનો જથ્થો ખેતીવાડી વિભાગે ઝડપ્યો હતો.

હાલોદ નાયબ ખેતી નિયામક વિસ્તારકેસને ખાતરની હેરાંફેરી કરતી હોવાની ખાતરી મળતાં પોલીસની મદદ લઈ લીમડીમાં પાવડી શરૂ કરી હતી. ત્યારે પાવડી ગામે SRP હેડક્વાર્ટર

પાસે નાથા પાસે બાઈઝ લઈને જતાં બોરડી ગામના અનીલ ભોળેનું રોકથો ડોલો આ સાથે પાણ્ય આતી બોલેરો જાપ રોકી તપાસ કરતાં ખાતરના પાલ્લા ગામનો દીગંધ પટેલ, વિનોદ પટેલ અને મહેસાણાના કિશનજીવંકર પરમાર મળી આવ્યા હતાં. જુમમાં તપાસ કરતાં તેમાં આછા પીળા કલરની ઓરોડિક મેમો લખેલી પાવરકેન સોઈલ ફેન્ડરિંગ ખાતરની 25 બેલોએ

જ્યારે ઓરોડિક મેમો ખાતરની 25 બેલોએ મળ્યા કુલ 100 કિલો ખાતર મળ્યો હતો. પુછપૂછ કરતાં પકડાયેલાઓ જથ્થો પાલીહન નામ બીજા પાસે ઝાડ નીચે ઉભેલા ટમ્પોમાંથી ભર્યા જપ્તપાડ્યો હતું. આ ખાતરની મળ્યા લઈને ચકાસણી તેમાં મોઝલી સુનિલ તાડસી કરિયાહના આધારે લીમડી પોલીસ ગુનો નોંધ્યો હતો.

રોજવાસી અને જીવન જરૂરિયાતની  
ચીજ વસ્તુ એકજ જગ્યાએ મળી  
રહે તે માટે સરકાર હાટ બજારો  
બનાવી રહી છે.  
કરોડોની ખર્ચ પણ કરવામાં આવે  
આવું જ એક હાટ બજાર બે  
કરોડના ખર્ચે નસવાડી પંચાયત  
માર એન્ડ બી દ્વારા એજન્સી  
નારકેલ નસવાડી તાલુકાના  
તાજમહા ગામે તૈયાર કરવામાં

આવું છું. પણ આજે વિસ્તાર  
હાલમાં જોવા મળી રહ્યું છે. તેની  
બેઝરકારીને લઈ આ વિસ્તારના  
લોકો હાટ બજારનો લાભ નથી  
મળી રહ્યો. અંતરિયાળ વિસ્તારના  
આદીવાસી લોકો એક જ  
જગ્યાએથી ધંધા રોજગારી મળી  
રહે તે માટે સરકાર દ્વારા હાટ  
બજારનો આયોજન કરવામાં આવે  
છે. શ્રીગોળી ખર્ચ કરી નસવાડી

તાલુકાના જુના તણખલા ગામે હાટ બજાર તૈયાર કરવામાં આવ્યું છે. બે કરોડનો ખર્ચ કરીને અને રોડ અને દુકાનો બનાવવામાં આવી છે. પણ આજે આ હાટ બજાર સુરક્ષિત નથી. અહીં બનવામાં આવેલા શેડના પતારો ગાયબ થઈ ગયા છે. આજે ઉજ્જડ બનેલા આ હાટ બજાર જાદવી ચાલુ થાય તેવી ગામના લોકો માંગ કરી રહ્યા છે.

અખબારમાં છાપેલી જાહેરાતના બિલોના ચેક આપવા એક હજારની લાંચમાં પકડાયો હતો  
ગોધરા કોર્ટે સમાજ કલ્યાણના લાંચિયા  
અધિકારીને ચાર વર્ષની સજા ફટકારી

બેચલર ઓફ બી.એડ. ગોધરા

ગોધરામાં અખબારમાં છપેલી જાહેરાતના રૂ.5 હજારના બિલને મંજૂર કરવા 1000ની લાંબમાં સમાજ કલ્યાણના અધિકારીને પકડાતો તેની સામે રિવાજ નોંધ્યા પછાત ગોધરામાં કેસ ચાલી જતાં ક્રોડ લાંબિયા અધિકારીને 4 વર્ષની સજા ફરિયાદીને હુકમ કર્યો છે.

ગોધરાના અખબારમાં વર્ષ 2013માં રૂ.5 હજારની સરકારી સંચયકના છપાઈ તેની પ્રિન્ટિંગ

થેલે જાહેરાતના બિલના પ્રેસ પોલિટીકે પંચમહાલ જિલ્લા પંચાયતના સમાજ કલ્યાણ ક્ષેત્રીના અધિકારી હરીશંક કીક્રાભાઈ મનીયાને આરુપ્ય હતું. જે બીલીની રકમને ચેક કરતાં સમાજ કલ્યાણ અધિકારીને રિવાજીથી પાસેથી રૂ.1000ની લાંબની માંગણી કરી હતી. રિવાજીએ વડેદરા એસીબી પોલીસનો સંપર્ક કરતાં એસીબી પોલીસે જી.ડી પટેલનાઓને ફરકું મોકલ્યો આપીને મનીયાને

મનીષાએ લાંબી રમ લેતા જોયું કે ઝડપથી ગયેલા કાંઈ જો બાજમે જોસીની બેઠી દારા સુંઘી તપાસ કરી પંચમહાલ જિલ્લાના સો જજ (જોસીની) સમક્ષ આરોપી વિરૂદ્ધ કેસ ચલાવવા માટે યાજ્ઞીકૃત દાખ કરી હતી. જે કેસ પંચમહાલ જિલ્લાના સો જજ પીવી જીવાસ્તવની કોર્ટમાં ચાલી રહી હોવાના પક્ષે કૌંડે સમગ્ર રજૂ કરેલ સમગ્ર પૂરાવા તથા જિલ્લા મારકાંડી પરીક્ષક રાજેશ એન. કાંડોરની દલીલો તથા ચુકાતો ધ્યાનમાં લઈ તથા બે અલગલગના ચુકાદાઓને ધ્યાનમાં લઈ સમાજ અગ્રણના અધિકારી કરીમહંદ કીયાના મુદ્દાઓને સ્વીકારીવાન કરાર નોંધેલ સમગ્ર વિવાદો પાછો લખેલ સ્વયં મુજબના ગુનામાં સમગ્ર એનું કૌડ કરવાનું હતું. સમગ્ર-13-1 એનું 13-2 મુજબના ગુનામાં 4 વર્ષની સજા અને રૂ.10,00,000 નો 8 કરવાનો નોંધ કરવાનો આદેશ.

**રળીયાતીથી બાઈક ચોરાઈ**  
દાહોદ / દાહોદના લક્ષ્મીનગરમાં રહેતા જીતેશ પોરવાલે પોતાની બાઈક ઘર આગળ મૂકી હતી કોઈ ચોર 1,70,000 રૂપિયાનું ચોરી કરી લઈ નાસી ગયા હતા.

**I have changed My**  
name from **DIWAN**  
**IMTIYAZ ISMAIL AB-**  
**DULBHAI** to new name  
**DIWAN IMTIYAZBHAI**  
**ISMAILBHAI** Address:  
133, Sahakar Park, At.  
Kanodra, Ta. Anklesh-  
war Dist. Bharuch.

અધિવૃત્ત અધિકારી  
નામ: સંજય પાટીદાર

ઈન્ફોર્મીંગ નામ  
SRF Limited, Dahej

વેચાણ સંબંધી જાહેર નોટીસ

આથી જાહેર વેળાવાળી રૂબે જાહેર જનતાને જણાવવાનું કે, મોટે નામ અજાણ્ય,

**જાહેર સુચના**  
**(પબ્લીક નોટીસ)**

આ સાથે જાણપાયામાં આવે છે કે, પ્રિમિટિવ એન્ડ બેનાફારમેન્ટ, ફોરેસ્ટ એન્ડ હાયાઈ પેન્શન (F.A.I) સેવાઓ ઇન્ડિયા પબ્લીક લાન્ડ, એન્ડ વોડ, નેચી ડિવિઝી-વોરસંગ, ડાંગ ક્ષેત્રમાં ભીલોગાઈનાં જંગલોમાં જંગલરક્ષા પ્રિમિટિવ, પોર્ટ નં. ડી-૪૩, ટેકેજ ઇન્ડસ્ટ્રીઅલ એસેસ્ટ, ટા.વાગ્યા, ડા.બા. ગુપ્તરાજ સાથે હાલના સામાન્ય નોંધમાં કચરાના ભંડોરો સ્થાપિત કરવાની અધિકૃત ટેન્ડરિંગ પ્રોસેસર ટેન્ડરિંગ ઓફિસ (TSDP) આ SLF ની સમતા ૧૯ નામ SLF ૧૯૩ નામ MT વધાર્યા માટેની ટા.વાગ્યા, ડા.બા. ગુપ્તરાજ પાર્કિંગ/સ્ટોરેજ એન્ડ સપ્લાયની સાથે ક્રમાંક નં. FNO. 10-43/2016-1A ૦૯-11-૨૦૨૩ દ્વારા ઈ.આઈ.એ. એ. નોટીફિકેશન ૨૦૦૬ નોંધવામાં લેવામાં આવેલ છે. ૧. અમે તે ટા. ૦૯-11-૨૦૨૩ના રોજ યેસાઈપાટ ડાંગ મળી છે. ક્લીયરન્સ લેવાની નહત અમારી યેસાઈપાટ ૨૬ ઉપલબ્ધ છે.

**બી.ટી.લવ્યાબાઈ**  
**(પબ્લીક એક્ઝિક્યુટીવ ઓફિસર)**

તા. ૧૦-11-૨૦૨૩

[illegible]



[illegible]

# After creating 100 fake sites, fraud trips into police trap

**Tourists Fleece In Advance Booking**

TIMES NEWS NETWORK

for Super Tech... for Super Tech...

## UP TO NO GOOD

● Nishu Tiwari (34) from Lucknow lured 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 after his wife's complaint



sed.

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

Nimesh Khakharliya

@timesgroup.com

Ahmedabad: A rage-filled chase of a truck that overtook him ended fatally for a 25-year-old apparel store manager. Aslak 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.

The accident took place in...

## Fishing in troubled waters: Inventory reaches 1L-tonne

Nimesh Khakharliya

@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 ₹5,000 cr  
● 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...

get deep into the lungs and enter the bloodstream

East 114  
Central 112

## 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.



PLEDGE TO SUPPORT THE CAUSE

www.letourcitybreathe.com

imposing fines of ₹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 ₹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.

**PUBLIC NOTICE**  
**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 - 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, Gujarat 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)





## Annexure-26

## LABORATORY TESTING REPORT

Report No.: VE/SE/2025/02/0012		Date: 12/02/2025	
URL No. –			
Name & Address of Customer	:	<b>M/s. BEIL Infrastructure Ltd.</b> 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	:	07/02/2025	Sampling Type : Isokinetic Sampling
Sample Receipt Date	:	07/02/2025	Sample ID : SE/2025/02/0012
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 : 07/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 12/02/2025
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	:	27.6	Stack Temperature °C : 82
Oxygen content (%)	:	8.2	Stack pressure (mmH2O) : 6.9
Moisture (%)	:	12.4	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	0.00080
2.	2,3,7,8-TCDD	<0.0025	1	<0.0025
3.	1,2,3,7,8-PeCDF	0.0081	0.05/0.03	0.00039
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 

Ayushi K Chaturvedi (Quality Manager)

  
Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

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

Page No.: 1 of 2





### LABORATORY TESTING REPORT

11.	1,2,3,6,7,8-HxCDD	0.012	0.1	0.0014
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	0.0049
16.	OCDF	0.16	0.001	0.00015
17.	OCDD	4.6	0.001	0.0045
18.	TOTAL PCDD/PCDF			0.014 – 0.027
19.	TOTAL PCDD/PCDF (ngTEQ/Nm3)			0.006
20.	TOTAL PCDD/PCDF (ngTEQ/Nm4)	at 10 [%] O2 Ref		0.0089

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.

Ayushi K Chaturvedi (Quality Manager)

Verified By



Formerly known as "VASUNDHARA ENTERPRISE"

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

Page No.: 2 of 2



# BEIL INFRASTRUCTURE LIMITED. - DAHEJ

ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY

## LANDFILL- GASVENT MONITORING TEST REPORT

### Annexure-27

Sr.No.	Date	Parameter	Unit	Location					
				VENT-1	VENT-2	VENT-3	VENT-4	VENT-5	VENT-6
1	10-10-2024	VOC	ppb	BDL	BDL	BDL	BDL	BDL	BDL
2	06-11-2024			BDL	BDL	BDL	BDL	BDL	BDL
3	11-12-2024			BDL	BDL	BDL	BDL	BDL	BDL
4	08-01-2025			BDL	BDL	BDL	BDL	BDL	BDL
5	06-02-2025			BDL	BDL	BDL	BDL	BDL	BDL
6	12-03-2025			BDL	BDL	BDL	BDL	BDL	BDL
7	10-10-2024	H2S	ppm	BDL	BDL	BDL	BDL	BDL	BDL
8	06-11-2024			BDL	BDL	BDL	BDL	BDL	BDL
9	11-12-2024			BDL	BDL	BDL	BDL	BDL	BDL
10	08-01-2025			BDL	BDL	BDL	BDL	BDL	BDL
11	06-02-2025			BDL	BDL	BDL	BDL	BDL	BDL
12	12-03-2025			BDL	BDL	BDL	BDL	BDL	BDL

For, BEIL INFRASTRUCTURE LTD.

Authorized By

Mr.Sathish K Gaddam  
(Technical Manager - Q.A.)

Works Office Plot No D-43, Dahej, Amod Road, GIDC Estate, Dahej  
Taluka-Vagra, Bharuch, Gujarat, India, 392130.

E-Mail: [trivedidm@beil.co.in](mailto:trivedidm@beil.co.in) , [sathish.gaddam@beil.co.in](mailto:sathish.gaddam@beil.co.in),



# દહેજ ગામ પંચાયત

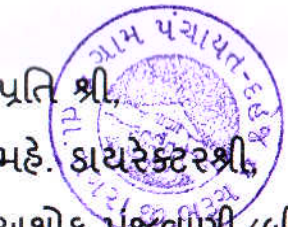


## DAHEJ GAM PANCHAYT

મુ.પો. દહેજ, તા.વાગરા, જી.ભરૂચ

AT. & PO. DAHEJ, TA.VAGRA, DIST. BHARUCH

તા. : ૧૩/૦૬/૨૦૨૨



પ્રતિ શ્રી,  
મહે. કાયરેક્ટરશ્રી,  
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 :- ૧૩/૦૬/૨૦૨૨



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

*Blumit* 14/5/25  
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. }	સરપંચ G.A ગામ પંચાયત તા. વાગરા, જિ. ભરૂચ 16/01/19
2.	The Sarpanch -Vav Thakorbhai M. No. 98793 86 326	સરપંચ ગામ પંચાયત - વાવ તા. વાગરા, જિ. ભરૂચ 19/01/19
3.	The Sarpanch -Vadadla Elumias 382 King 21481 M. No. 9723 33 3532	ડી. એચ. મી. પાટી 19/01/19
4.	The Sarpanch -Lakhigam	સરપંચ 16/01/19
5.	The Sarpanch -Jolva Pargalopi Jagdish. S.	JSH 9737457272 17/01/19
6.	<del>The Sarpanch</del> -Jageshwar Jethy	
7.	The Sarpanch -Rahiad TEM	સરપંચ તા. વાગરા, જિ. 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	Despect Clerk Bharuch Nagar palika 17-1-19
10.	Notified Area Office, Dahej	DIA 16/01/19 DAHEJ INDUSTRIES ASSOCIATION
11.	Collector District Collector Office, Bharuch.	90/9/19 આવક કારકુન કલેક્ટર કચેરી
12.	Dr. Naresh Ghadhvi- Dahej	19/01/19 ગરુડીન ગણપતભાઈ સરપંચ ગામ પંચાયત - ભુવારા તા. વાગરા, જી. ભરૂચ
13.	The Sarpanch- Suvr Ganpatbhai M. NO. 9825021259	19/01/19 સરપંચ ગામ પંચાયત - ભુવારા તા. વાગરા, જી. ભરૂચ

14 The Sarpanch - Luvaka.

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

15 The Sarpanch - Ambetha


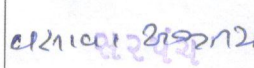
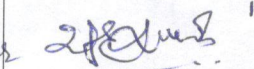
16 The Sarpanch - Atali

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

સરપંચ  
ગામ પંચાયત - ભુવારા  
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-પણીયાદરા 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	 ગામ પંચાયત-કાદોદરા તા.વાગરા, જી.ભરૂચ. 18/01/2019
	The Sarpanch -	
	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 9716/9801TO9828/9901 TO 9906/9923 TO 9928(2)KISHOKLAND BETWEEN POT NO.9701 TO 9716(3)ROAD AREA BETWEEN PLOT NO.9801 TO9814/9501 TO 9506/7905E TO H.ROAD/9601 TO 9604/ 10001 TO 10003/1804 & ELIELINEGS,G7, 8 ROAD1& 2/7924 TO 7927 AND SURVEY NOS 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	:	350105362533000000001	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	3501058125000000065 7 - 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	

## 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	

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
<b>Premium and GST Details</b>	
	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



Generated On	2025-05-01 09:56:03	Generated By	pancholibp@beil.co.in
Period	2024-10-01 00:00:00 - 2025-03-31 09:53:00	Station Type	CEMS
Stations	SPD Stack Gas	Parameters	NOX,SO2,PM

S.No.	Time	SPD Stack Gas NOX (mg/nm³)(avg)	SPD Stack Gas PM (mg/nm³)(avg)	SPD Stack Gas SO2 (mg/nm³)(avg)
1	2024-10-01 00:00:00:000	0.0	25.78	0.0
2	2024-10-02 00:00:00:000	0.38	33.05	0.0
3	2024-10-03 00:00:00:000	0.58	29.39	0.0
4	2024-10-04 00:00:00:000	1.22	37.48	0.0
5	2024-10-05 00:00:00:000	0.94	52.54	0.0
6	2024-10-06 00:00:00:000	0.19	42.34	0.0
7	2024-10-07 00:00:00:000	0.88	35.11	0.0
8	2024-10-08 00:00:00:000	1.67	20.77	0.0
9	2024-10-09 00:00:00:000	1.64	25.0	0.0
10	2024-10-10 00:00:00:000	1.88	20.71	0.03
11	2024-10-11 00:00:00:000	0.0	20.91	0.0
12	2024-10-12 00:00:00:000	0.0	24.43	0.0
13	2024-10-13 00:00:00:000	0.32	31.53	0.0
14	2024-10-14 00:00:00:000	0.47	27.91	0.0
15	2024-10-15 00:00:00:000	1.51	27.82	0.0
16	2024-10-16 00:00:00:000	1.88	26.24	0.03
17	2024-10-17 00:00:00:000	1.71	24.74	0.0
18	2024-10-18 00:00:00:000	1.47	29.39	0.0
19	2024-10-19 00:00:00:000	0.66	16.06	0.0
20	2024-10-20 00:00:00:000	0.06	10.61	0.0
21	2024-10-21 00:00:00:000	0.36	10.83	0.0

S.No.	Time	SPD Stack Gas NOX (mg/nm³)(avg)	SPD Stack Gas PM (mg/nm³)(avg)	SPD Stack Gas SO2 (mg/nm³)(avg)
22	2024-10-22 00:00:00:000	0.24	6.26	0.0
23	2024-10-23 00:00:00:000	0.64	5.95	0.0
24	2024-10-24 00:00:00:000	0.88	2.12	0.03
25	2024-10-25 00:00:00:000	0.49	2.49	0.0
26	2024-10-26 00:00:00:000	1.67	2.73	0.0
27	2024-10-27 00:00:00:000	1.56	4.15	0.0
28	2024-10-28 00:00:00:000	1.98	2.05	0.0
29	2024-10-29 00:00:00:000	1.88	2.0	0.0
30	2024-10-30 00:00:00:000	1.47	2.04	0.0
31	2024-10-31 00:00:00:000	1.13	3.93	0.0
32	2024-11-01 00:00:00:000	0.7	2.81	0.03
33	2024-11-02 00:00:00:000	0.36	2.16	0.0
34	2024-11-03 00:00:00:000	0.21	4.87	0.97
35	2024-11-04 00:00:00:000	0.56	3.29	0.03
36	2024-11-05 00:00:00:000	0.81	2.73	0.0
37	2024-11-06 00:00:00:000	0.7	8.1	0.03
38	2024-11-07 00:00:00:000	0.08	9.63	0.0
39	2024-11-08 00:00:00:000	0.0	19.6	0.0
40	2024-11-09 00:00:00:000	0.19	13.64	0.0
41	2024-11-10 00:00:00:000	0.19	2.42	0.0
42	2024-11-11 00:00:00:000	0.13	2.78	0.0
43	2024-11-12 00:00:00:000	0.0	2.88	0.0
44	2024-11-13 00:00:00:000	0.9	4.27	0.0
45	2024-11-14 00:00:00:000	0.11	4.13	0.0
46	2024-11-15 00:00:00:000	0.0	3.74	0.0
47	2024-11-16 00:00:00:000	0.0	13.0	0.0
48	2024-11-17 00:00:00:000	0.0	9.0	0.0

S.No.	Time	SPD Stack Gas NOX (mg/nm³)(avg)	SPD Stack Gas PM (mg/nm³)(avg)	SPD Stack Gas SO2 (mg/nm³)(avg)
49	2024-11-18 00:00:00:000	0.0	10.62	0.0
50	2024-11-19 00:00:00:000	0.0	10.97	0.03
51	2024-11-20 00:00:00:000	0.0	5.88	0.0
52	2024-11-21 00:00:00:000	0.0	3.82	0.0
53	2024-11-22 00:00:00:000	0.0	5.67	0.0
54	2024-11-23 00:00:00:000	0.0	9.16	0.0
55	2024-11-24 00:00:00:000	0.0	7.4	0.03
56	2024-11-25 00:00:00:000	219.95	9.8	0.16
57	2024-11-26 00:00:00:000	0.0	11.09	0.0
58	2024-11-27 00:00:00:000	0.0	4.68	0.0
59	2024-11-28 00:00:00:000	0.0	2.05	0.0
60	2024-11-29 00:00:00:000	0.0	2.61	0.0
61	2024-11-30 00:00:00:000	0.0	1.99	0.0
62	2024-12-09 00:00:00:000	0.0	2.48	0.08
63	2024-12-10 00:00:00:000	0.0	2.7	0.03
64	2024-12-11 00:00:00:000	0.0	2.18	0.0
65	2024-12-12 00:00:00:000	0.0	2.28	0.08
66	2024-12-13 00:00:00:000	0.0	2.21	0.0
67	2024-12-14 00:00:00:000	0.0	2.78	0.24
68	2024-12-15 00:00:00:000	0.0	2.8	0.1
69	2024-12-16 00:00:00:000	0.0	2.04	0.0
70	2024-12-17 00:00:00:000	0.0	9.06	0.0
71	2024-12-18 00:00:00:000	0.0	9.9	0.0
72	2024-12-19 00:00:00:000	0.0	6.37	0.0
73	2024-12-20 00:00:00:000	0.0	16.53	0.0
74	2024-12-21 00:00:00:000	0.0	16.39	0.13
75	2024-12-22 00:00:00:000	0.0	15.98	0.0



S.No.	Time	SPD Stack Gas NOX (mg/nm³)(avg)	SPD Stack Gas PM (mg/nm³)(avg)	SPD Stack Gas SO2 (mg/nm³)(avg)
76	2024-12-23 00:00:00:000	0.0	2.06	0.0
77	2024-12-24 00:00:00:000	0.0	10.64	0.0
78	2024-12-25 00:00:00:000	0.0	3.6	0.0
79	2024-12-26 00:00:00:000	0.0	1.96	0.03
80	2024-12-27 00:00:00:000	0.0	2.03	0.0
81	2024-12-28 00:00:00:000	0.0	2.15	0.03
82	2024-12-29 00:00:00:000	0.0	2.15	0.03
83	2024-12-30 00:00:00:000	0.0	2.07	0.08
84	2024-12-31 00:00:00:000	0.0	2.2	0.03
85	2025-01-01 00:00:00:000	0.0	2.0	0.0
86	2025-01-02 00:00:00:000	0.0	2.0	0.03
87	2025-01-03 00:00:00:000	0.0	2.0	0.0
88	2025-01-04 00:00:00:000	0.0	2.03	0.05
89	2025-01-05 00:00:00:000	0.0	2.0	0.0
90	2025-01-06 00:00:00:000	0.0	2.37	0.0
91	2025-01-07 00:00:00:000	0.0	5.7	0.0
92	2025-01-08 00:00:00:000	0.0	3.17	0.0
93	2025-01-09 00:00:00:000	0.0	10.37	0.0
94	2025-01-10 00:00:00:000	0.0	7.37	0.0
95	2025-01-11 00:00:00:000	0.0	11.1	0.0
96	2025-01-12 00:00:00:000	0.0	7.31	0.0
97	2025-01-13 00:00:00:000	0.0	3.36	0.0
98	2025-01-14 00:00:00:000	0.0	3.83	0.0
99	2025-01-15 00:00:00:000	0.0	4.12	0.0
100	2025-01-16 00:00:00:000	0.0	10.41	0.0
101	2025-01-17 00:00:00:000	0.0	11.54	0.0
102	2025-01-18 00:00:00:000	0.0	6.19	0.0

S.No.	Time	SPD Stack Gas NOX (mg/nm³)(avg)	SPD Stack Gas PM (mg/nm³)(avg)	SPD Stack Gas SO2 (mg/nm³)(avg)
103	2025-01-19 00:00:00:000	0.0	4.12	0.0
104	2025-01-20 00:00:00:000	0.94	3.05	0.0
105	2025-01-21 00:00:00:000	1.58	3.26	0.18
106	2025-01-22 00:00:00:000	0.0	3.55	0.0
107	2025-01-23 00:00:00:000	0.0	4.6	0.0
108	2025-01-24 00:00:00:000	0.0	3.73	0.03
109	2025-01-25 00:00:00:000	0.0	2.45	0.21
110	2025-01-26 00:00:00:000	0.0	2.18	0.0
111	2025-01-27 00:00:00:000	0.0	3.41	0.08
112	2025-01-28 00:00:00:000	0.0	5.75	0.94
113	2025-01-29 00:00:00:000	0.0	7.63	0.0
114	2025-01-30 00:00:00:000	0.0	2.43	0.39
115	2025-01-31 00:00:00:000	0.0	2.52	0.0
116	2025-02-01 00:00:00:000	0.0	4.78	0.1
117	2025-02-02 00:00:00:000	0.0	2.13	0.21
118	2025-02-03 00:00:00:000	0.0	2.01	0.0
119	2025-02-04 00:00:00:000	0.0	2.2	0.0
120	2025-02-05 00:00:00:000	0.0	2.14	1.02
121	2025-02-06 00:00:00:000	0.0	2.63	0.0
122	2025-02-07 00:00:00:000	0.0	2.05	0.0
123	2025-02-08 00:00:00:000	0.0	2.08	0.0
124	2025-02-09 00:00:00:000	0.0	2.4	0.0
125	2025-02-10 00:00:00:000	0.0	3.04	0.0
126	2025-02-11 00:00:00:000	0.0	1.24	0.0
127	2025-02-12 00:00:00:000	0.0	2.04	0.0
128	2025-02-13 00:00:00:000	0.0	3.55	0.0
129	2025-02-14 00:00:00:000	0.0	10.03	0.0

S.No.	Time	SPD Stack Gas NOX (mg/nm³)(avg)	SPD Stack Gas PM (mg/nm³)(avg)	SPD Stack Gas SO2 (mg/nm³)(avg)
130	2025-02-15 00:00:00:000	0.0	15.07	0.0
131	2025-02-16 00:00:00:000	0.0	18.73	0.0
132	2025-02-17 00:00:00:000	0.0	25.57	0.0
133	2025-02-18 00:00:00:000	0.0	15.34	0.0
134	2025-02-19 00:00:00:000	0.0	2.06	0.0
135	2025-02-20 00:00:00:000	0.0	2.4	0.0
136	2025-02-21 00:00:00:000	3.59	16.52	0.0
137	2025-02-22 00:00:00:000	13.17	38.58	0.0
138	2025-02-23 00:00:00:000	26.19	36.78	0.0
139	2025-02-24 00:00:00:000	678.88	23.82	0.08
140	2025-02-25 00:00:00:000	597.15	89.44	2.31
141	2025-02-26 00:00:00:000	6.02	77.61	5.58
142	2025-02-27 00:00:00:000	12.83	61.95	11.45
143	2025-02-28 00:00:00:000	18.44	42.51	0.0
144	2025-03-01 00:00:00:000	20.0	141.93	0.0
145	2025-03-02 00:00:00:000	449.11	15.67	0.0
146	2025-03-03 00:00:00:000	15.37	19.0	0.0
147	2025-03-04 00:00:00:000	164.4	18.08	0.0
148	2025-03-05 00:00:00:000	33.07	24.41	0.0
149	2025-03-06 00:00:00:000	135.67	16.08	0.0
150	2025-03-07 00:00:00:000	155.93	16.66	0.03
151	2025-03-08 00:00:00:000	26.34	37.31	217.17
152	2025-03-09 00:00:00:000	9.97	21.5	26.6
153	2025-03-10 00:00:00:000	0.0	15.76	0.03
154	2025-03-11 00:00:00:000	0.0	19.53	0.05
155	2025-03-12 00:00:00:000	0.0	19.53	0.0
156	2025-03-13 00:00:00:000	0.0	17.65	0.0



S.No.	Time	SPD Stack Gas NOX (mg/nm³)(avg)	SPD Stack Gas PM (mg/nm³)(avg)	SPD Stack Gas SO2 (mg/nm³)(avg)
157	2025-03-14 00:00:00:000	0.0	27.42	0.0
158	2025-03-15 00:00:00:000	0.0	56.77	0.0
159	2025-03-16 00:00:00:000	0.0	42.75	0.0
160	2025-03-17 00:00:00:000	0.0	49.27	0.05
161	2025-03-18 00:00:00:000	0.0	55.58	2.46
162	2025-03-19 00:00:00:000	0.98	33.16	0.05
163	2025-03-20 00:00:00:000	7.81	36.88	2.28
164	2025-03-21 00:00:00:000	13.06	16.05	0.0
165	2025-03-22 00:00:00:000	20.0	14.43	0.0
166	2025-03-23 00:00:00:000	25.12	12.21	0.0
167	2025-03-24 00:00:00:000	22.29	18.38	0.0
168	2025-03-25 00:00:00:000	22.97	19.22	0.0
169	2025-03-26 00:00:00:000	10.78	17.88	0.0
170	2025-03-27 00:00:00:000	0.0	32.99	0.0
171	2025-03-28 00:00:00:000	0.06	22.08	0.0
172	2025-03-29 00:00:00:000	0.04	26.53	0.0
173	2025-03-30 00:00:00:000	0.13	28.04	0.0
174	2025-03-31 00:00:00:000	0.32	69.3	0.0

# Annexure-33

## LABORATORY TESTING REPORT

Report No.: VE/VOC/2025/02/0001		Date: 12/02/2025	
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	:	07/02/2025	Sampling Type : -
Sample Receipt Date	:	07/02/2025	Sample ID : VOC/2025/02/0001
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 : 07/02/2025
Packing / Seal	:	Cap Seal	Analysis Completed On : 08/02/2025
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 <sup>3</sup>	2.5	IS Method
2.	Sulphur Dioxide as SO <sub>2</sub>	ppm	3.5	IS 5182 (Part 2): 2001
3.	Oxides of Nitrogen as NO <sub>x</sub>	ppm	6.2	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

Ayushi K Chaturvedi (Author)

  
Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

Page No. of 1  
S-404, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002

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

Laboratory : 54  
S-306 & 308, Multilevel Shed-2,  
Opp. Kanoria Chemicals,  
GIDC, Ankleshwar - 393002

# Annexure-34



## Dahej Unit

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



FORM-V for FY 2023-2024-BEIL Dahej



EC compliance for the period of April'23 to Sep'23 -BEIL Dahej



EC compliance for the period of Oct'22 to March'23-BEIL Dahej



FORM-V for FY 2022-2023-BEIL Dahej



EC Compliance April'22 to Sep'22