



**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

**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



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

**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. At P.J. Chheda JantaVidyalay, Dahej, Tal. Vagra, Dist. Bharuch	Noted.
4	The SEAC, Gujarat had recommended to the SEIAA, Gujarat, to grant the Environment Clearance to this project for the above-mentioned project. The proposal was considered by SEIAA, Gujarat in its meeting held on 22/07/2013 at Gandhinagar. Since the public consultation is	Noted

	required for the project, the SEIAA hereby accords Environmental Clearance to above project under the provisions of EIA Notification dated 14 <sup>th</sup> September 2008 subject to the compliance of the following conditions.	
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#### **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.	<p>Complied.</p> <p>Ground water table at the project site has been ascertained through the GWRDC before initiating construction of secured landfill site. The depth of the secured land fill site has been decided based on the ground water level at the site and bottom of the secured landfill site, which is 7.5 (&gt; 2 m as per the landfill criteria) meter above the ground water table.</p> <p>Report of GWRDC is attached as <b>ANNEXURE-1</b>.</p>
2	Construction of the secured landfill site shall be undertaken meticulously keeping in view the existing natural drainage pattern of the site to ensure that the natural drainage is not affected. All construction designs/drawings relating to the proposed landfill site must have approvals of reputed institutes like NPC/IIT	<p>Complied.</p> <p>Construction of the secured landfill site has been undertaken meticulously keeping in view the existing natural drainage pattern of the site ensuring that the natural drainage is not affected. All Construction design/ drawings relating to the landfill site are approved from IIT, Delhi.</p> <p>Drawings approved by IIT Delhi are attached as <b>ANNEXURE-2</b>.</p>
3	The proponent shall ensure that design and construction of secured landfill site is as per the guidelines of CPCB with proper leachate collection arrangement.	<p>Complied.</p> <p>We have ensured that design and construction of secured landfill site is as per guidelines of CPCB with proper leachate collection arrangement. Summary of the CPCB guidelines compliance has attached as <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 conforms to the norms laid down in the hazardous and other waste (Management and Trans boundary Movement) rules 2016 and its subsequent amendments i.e. licensed and trained drivers, close and hydraulic dumpers, GPS enabled dumpers etc. Total Approved 493 dedicated vehicles equipped with GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF.</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. 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 is only accepted to those who have valid CC&amp;A obtained from GPCB. At present we have 1452 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 check the contamination including TCLP test for heavy metals	<p>Complied.</p> <p>Ground water analysis is done internally (internal locations) and by third party (internal and surrounding the premises) every month.</p> <p>Soil analysis is done pre and post monsoon and location are within the premises including TCLP test.</p>

		<p>The monitoring results of ground water conducted by third party are attached as ANNEXURE 5 &amp; soil conducted by third party are attached as <b>ANNEXURE-5b</b>.</p> <p><b>Summary Table: Ground Water (April’24 to September’24)</b></p> <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>7.72</td><td>7.64</td><td>8.26</td></tr><tr><td>2</td><td>Conductivity</td><td>mmhos/cm</td><td>56.33</td><td>51.92</td><td>0.36</td></tr><tr><td>3</td><td>Turbidity</td><td>NTU</td><td>1.49</td><td>1.29</td><td>0.21</td></tr><tr><td>4</td><td>TSS</td><td>mg/l</td><td>64.58</td><td>68.85</td><td>ND</td></tr><tr><td>5</td><td>TDS</td><td>mg/l</td><td>36543</td><td>33742.77</td><td>237.50</td></tr><tr><td>6</td><td>TOC</td><td>mg/l</td><td>4.62</td><td>3.72</td><td>ND</td></tr><tr><td>7</td><td>Color</td><td>Co-pt</td><td>19.83</td><td>14.78</td><td>6.0</td></tr><tr><td>8</td><td>COD</td><td>mg/l</td><td>72.83</td><td>63.83</td><td>ND</td></tr><tr><td>9</td><td>Chloride</td><td>mg/l</td><td>17891.82</td><td>15292.5</td><td>58.96</td></tr></table> <p><b>Summary Table: Soil Analysis (Pre-Monsoon)</b></p> <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>8.32</td><td>2164</td><td>1408</td><td>0.98</td></tr><tr><td>2</td><td>Opp Salt Farm</td><td>8.60</td><td>4078</td><td>2656</td><td>0.88</td></tr><tr><td>3</td><td>Nr EB-2</td><td>8.58</td><td>1720</td><td>1122</td><td>0.62</td></tr><tr><td>4</td><td>Opp. Khetan Ind</td><td>8.45</td><td>2674</td><td>1738</td><td>0.66</td></tr><tr><td>5</td><td>Nr ADM</td><td>8.40</td><td>1541</td><td>1012</td><td>0.58</td></tr><tr><td>6</td><td>Behind Tagros</td><td>8.68</td><td>2382</td><td>1548</td><td>1.18</td></tr></table>	Sr. No	Parameter	Unit	Average of Up-stream borewell	Average of down-stream	Average of outside premises	1	pH		7.72	7.64	8.26	2	Conductivity	mmhos/cm	56.33	51.92	0.36	3	Turbidity	NTU	1.49	1.29	0.21	4	TSS	mg/l	64.58	68.85	ND	5	TDS	mg/l	36543	33742.77	237.50	6	TOC	mg/l	4.62	3.72	ND	7	Color	Co-pt	19.83	14.78	6.0	8	COD	mg/l	72.83	63.83	ND	9	Chloride	mg/l	17891.82	15292.5	58.96	Sr No	Parameters	pH	Conductivity (umho/cm)	TDS (mg/l)	TOC (%)	1	Nr EB-1	8.32	2164	1408	0.98	2	Opp Salt Farm	8.60	4078	2656	0.88	3	Nr EB-2	8.58	1720	1122	0.62	4	Opp. Khetan Ind	8.45	2674	1738	0.66	5	Nr ADM	8.40	1541	1012	0.58	6	Behind Tagros	8.68	2382	1548	1.18
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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	<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</p>																																																																																																						



	institute of similar reputation 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	recommendations and their compliance are submitted to GPCB every six months. Also, Expert from IIT, Delhi, visit, the site and give us their report. These reports are submitted to GPCB. Auditor's recommendation & compliance submitted to GPCB and last report of IIT Inspection submitted to GPCB, are enclosed as <b>ANNEXURE-6</b> .																																
<b>0A.1</b>	<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.	Complied.  Total water consumption in the last 6 months is <u>34582</u> KL and per day is @ 188.97 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>April-24</td><td>7727</td><td>257.57</td></tr><tr><td>2</td><td>May-24</td><td>7363</td><td>237.52</td></tr><tr><td>3</td><td>June-24</td><td>6547</td><td>218.23</td></tr><tr><td>4</td><td>July-24</td><td>4890</td><td>157.74</td></tr><tr><td>5</td><td>August-24</td><td>3953</td><td>127.52</td></tr><tr><td>6</td><td>September-24</td><td>4102</td><td>136.73</td></tr><tr><td colspan="2">Average</td><td>5763.67</td><td>188.97</td></tr></table>	Sr. No	Month	Water Consumption (KL/ month)	Average (KLD)	1	April-24	7727	257.57	2	May-24	7363	237.52	3	June-24	6547	218.23	4	July-24	4890	157.74	5	August-24	3953	127.52	6	September-24	4102	136.73	Average		5763.67	188.97
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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.	Complied.  Leachate collection system is provided to collect the leachates at collection-points. There are total 7 no. of leachate collection wells in the landfill& one in monsoon shed. In-house MEE was put up on 12.12.17 and thereafter leachate is treated in in-house MEE. During ( <b>Apr'24 to Sept'24</b> ), Average Leachate treated in MEE, is @ 46.93 KLD. Summary of the same as below.																																

		<table><tr><th>Sr. No</th><th>Month</th><th>Leachate Treated in MEE (KL/ month)</th><th>Average (KLD)</th></tr><tr><td>1</td><td>April-24</td><td>1948.75</td><td>64.96</td></tr><tr><td>2</td><td>May-24</td><td>2270</td><td>73.23</td></tr><tr><td>3</td><td>June-24</td><td>1406.25</td><td>46.88</td></tr><tr><td>4</td><td>July24</td><td>826.875</td><td>26.67</td></tr><tr><td>5</td><td>August-24</td><td>1409.375</td><td>45.46</td></tr><tr><td>6</td><td>September-24</td><td>727.5</td><td>23.47</td></tr><tr><td></td><td>Average</td><td>1431.46</td><td>46.93 KLD</td></tr></table>	Sr. No	Month	Leachate Treated in MEE (KL/ month)	Average (KLD)	1	April-24	1948.75	64.96	2	May-24	2270	73.23	3	June-24	1406.25	46.88	4	July24	826.875	26.67	5	August-24	1409.375	45.46	6	September-24	727.5	23.47		Average	1431.46	46.93 KLD
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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	<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>																																



	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.	<p>Complied.</p> <p>Storage tanks of 450 KLD are provided to hold effluent in case of maintenance of MEE plant.</p>																											
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.</p> <p>During <b>(April'24 to September'24)</b>, Average HSD consumption is @ 6.30 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>April-24</td><td>1.7</td></tr> <tr> <td>2</td><td>May-24</td><td>11.11</td></tr> <tr> <td>3</td><td>June-24</td><td>11.4</td></tr> <tr> <td>4</td><td>July24</td><td>8.185</td></tr> <tr> <td>5</td><td>August-24</td><td>4.53</td></tr> <tr> <td>6</td><td>September-24</td><td>0.87</td></tr> <tr> <td colspan="2">Total</td><td>37.795 KL</td></tr> <tr> <td colspan="2">Average/Month (KL/Month)</td><td>6.30</td></tr> </tbody> </table>	Sr. No	Month	Total Consumption of HSD (KL/Month)	1	April-24	1.7	2	May-24	11.11	3	June-24	11.4	4	July24	8.185	5	August-24	4.53	6	September-24	0.87	Total		37.795 KL	Average/Month (KL/Month)		6.30
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Average/Month (KL/Month)		6.30																											
20	The Flue gas emission from Boiler and D.G. Set shall	<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</p>																											

	conform to the standards prescribed by GPCB. At no time emission levels shall go beyond the stipulated standards	<p>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 (April'24 to Sept'24)</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>37.89</td><td>51.7</td><td>46.90</td></tr><tr><td>2</td><td>SO<sub>2</sub> (ppm)</td><td>100</td><td>3.99</td><td>11.3</td><td>7.94</td></tr><tr><td>3</td><td>NOx (ppm)</td><td>50</td><td>9.14</td><td>21.17</td><td>15.19</td></tr></table> <p><b>Summary Table: Boiler Stack Analysis (April'24 to Sept'24)</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>18.39</td><td>51.63</td><td>38.34</td></tr><tr><td>2</td><td>SO<sub>2</sub> (ppm)</td><td>100</td><td>1.05</td><td>5.42</td><td>3.50</td></tr><tr><td>3</td><td>NOx (ppm)</td><td>50</td><td>7.54</td><td>16.09</td><td>12.92</td></tr></table>	Sr. No.	Parameter	Permissible Limit	Min.	Max.	Avg.	1	SPM (mg/Nm3)	150	37.89	51.7	46.90	2	SO <sub>2</sub> (ppm)	100	3.99	11.3	7.94	3	NOx (ppm)	50	9.14	21.17	15.19	Sr. No	Parameter	Permissible Limit	Min.	Max.	Avg.	1	SPM (mg/Nm)	150	18.39	51.63	38.34	2	SO <sub>2</sub> (ppm)	100	1.05	5.42	3.50	3	NOx (ppm)	50	7.54	16.09	12.92
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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 (April'24 to Sept'24)</b></p> <table><tr><th>Sr. no</th><th>Parameter s</th><th>Unit</th><th>GPCB/CPC B 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<sub>3</sub></td><td>100</td><td>47.5</td><td>68</td><td>57.1</td></tr><tr><td>2</td><td>PM<sub>2.5</sub></td><td>µg/m<sub>3</sub></td><td>60</td><td>20.6</td><td>30.5</td><td>25.4</td></tr><tr><td>3</td><td>Sulphur Dioxide</td><td>µg/m<sub>3</sub></td><td>80</td><td>6.25</td><td>20.4</td><td>10.8</td></tr><tr><td>4</td><td>Nitrogen Dioxide</td><td>µg/m<sub>3</sub></td><td>80</td><td>20.9</td><td>27.1</td><td>23.8</td></tr><tr><td>5</td><td>Ammonia (Nh<sub>3</sub>)</td><td>µg/m<sub>3</sub></td><td>400</td><td>2.8</td><td>9.6</td><td>6.5</td></tr><tr><td>6</td><td>Lead as Pb</td><td>µg/m<sub>3</sub></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><tr><td>8</td><td>Arsenic as As</td><td>ng/m<sub>3</sub></td><td>ND</td><td>ND</td><td>ND</td><td>ND</td></tr></table>	Sr. no	Parameter s	Unit	GPCB/CPC B Permissible Limit	Min	Max	Avg	1	RSPM (PM <sub>10</sub> )	µg/m <sub>3</sub>	100	47.5	68	57.1	2	PM <sub>2.5</sub>	µg/m <sub>3</sub>	60	20.6	30.5	25.4	3	Sulphur Dioxide	µg/m <sub>3</sub>	80	6.25	20.4	10.8	4	Nitrogen Dioxide	µg/m <sub>3</sub>	80	20.9	27.1	23.8	5	Ammonia (Nh <sub>3</sub> )	µg/m <sub>3</sub>	400	2.8	9.6	6.5	6	Lead as Pb	µg/m <sub>3</sub>	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
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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 guidelines of CPCB	<p>Complied.</p> <p>We are following all the provisions of Hazardous and Other Wastes (Management and Tran’s boundary Movement), Rules 2016 and its subsequent amendments. The design and the construction of secured landfill site is as per the guidelines of CPCB with proper leachate collection arrangement. Drawings are approved by IIT, Delhi 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>.</p>																																																															

	with proper leachate collection arrangement.	
24	Temporary hazardous waste storage area of about 4000MT capacity having impervious bottom and roof cover shall be provided as proposed.	<p>Complied.</p> <p>Temporary Hazardous waste storage area of capacity 40000 MT having impervious bottom and roof cover has been provided.</p>
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.	<p>Complied.</p> <p>We are not storing hazardous waste (landfill waste) excepts during monsoon.</p>
26	The main operational site shall be kept covered by tarpaulin with separate rain-water collection system during monsoon period.	<p>Complied.</p> <p>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 submitted Monsoon Planning to the Regional Office, GPCB on 04.06.2024. Same is attached as <b>ANNEXURE-09</b>.</p>
27	Salt from MEE and discarded bags shall be disposed in the secured landfill site	<p>Complied.</p> <p>Salt from the MEE are being disposed in the secured landfill. During this period (Apr'24 to Sept'24) total 2051.380 MT of MEE salt has been disposed in landfill.</p>
28	BEIL shall explore possibilities with respect to reduction and reuse of hazardous waste generated by member units and received at the project site.	<p>Complied.</p> <p>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.</p> <p>Summary of drum receipt and decontamination is as below. (April'24 to Sept'24):</p>

			Month	DRUM RECEIPT	DRUM DECONTAMINATED	
			April-24	2195	674	
			May-24	4419	5367	
			June-24	5997	9998	
			July24	5753	4633	
			August-24	5174	6342	
			September-24	4033	4423	
29	Used oil shall be sold only to the registered recyclers.	Complied.  In the period of April'24 – Sept'24, 25 liters had been generated and no disposal of Used oil during the period. We sell used oil only to registered recyclers.				
A.4 SAFETY:						
30	All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of hazardous wastes.	Complied.  We are taking all necessary precautionary measures to avoid any kind of accident during storage and handling of hazardous waste. Fire hydrants (storage capacity 1100 KL), fire extinguishers are provided. Adequate PPEs are being provided to all the workers and employees, work permits are issued before starting any work and being closed after completing the work, an on-site emergency plan is also there which is updated on a yearly basis. We are carrying out mock drills regularly. Please refer <b>ANNEXURE-10</b> A) Ack copy of Onsite Emergency plan submitted to DISH. B) Onsite Emergency Plan C) Ack copy of Mock Drill Report submitted to DISH				
31	Handling And storage of wastes shall be done in such a manner that minimal human exposure occurs.	Complied.  We ensure to handle and store waste in such a manner to minimize human exposure. The Hazardous waste stabilization and disposal to landfill is carried out with the help of the excavator and other machineries.Suitable PPEs are provided to workman during handling of any kind of waste.				
32	All transportation of hazardous materials shall be as per motor vehicle Act & Rules	Complied.  We have ensured that the transportation of the hazardous wastes to the TSDF confirms to the norms laid down in the hazardous and other wastes (management and Transboundary movement) rules 2016 i.e., licensed, and trained drivers, close and hydraulic dumpers, GPS enabled dumpers etc.				

		Total Approved 493 dedicated vehicles equipped with GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF.
33	Hazardous materials storage shall be at an isolated designated location, bund/dyke walls shall be provided for storage tanks for hazardous Chemicals.	<p>Complied.</p> <p>Storage sheds at isolated designated location with impervious floor &amp; roof is provided with dyke wall. We have provided Dyke wall system surrounding all Storage tanks.</p>
34	Personal Protective Equipment shall be provided to workers and its usage shall be ensured and supervised.	<p>Complied.</p> <p>Personal Protective Equipment are provided to workers and its usage are being ensured and supervised.</p>
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	<p>Complied.</p> <p>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 &amp; 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.</p>
36	Training shall be given to all workers on safety and health aspect of handling hazardous wastes.	<p>Complied.</p> <ul style="list-style-type: none"> <li>➤ A training calendar is prepared in advance to inform everyone regarding the training dates.</li> <li>➤ We try to ensure that all relevant employees are covered and maintain a record of personnel covered in each training.</li> </ul> <p><b>Please refer Annexure 11:</b></p> <ul style="list-style-type: none"> <li>A) Training calendar for 2024-25</li> <li>B) Training attendance sheets (April'24-September'24)</li> </ul>
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.	<p>Complied.</p> <p>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.</p>
38	Project proponent shall prepare and implement an	Complied.

	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.	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 <b>ANNEXURE-12</b> .					
		Summary Table: <b>Noise (Day Time) (Apr'24 to Sept''24)</b>					
		Sr. No	Place	Permissible Limit (dB)	Min	Max.	Avg.
		1	Near Main Gate (dB)	75	58	62	60.02
		2	Behind ADM Building (dB)	75	56	61	58.33
3	Near EB 1 Borewell (dB)	75	51	58.6	54.10		
4	Nr. Monsoon Shed	75	59	68	64.17		
5	B/H Landfill cell 4	75	56.6	64	60.27		
6	Nr. Drum shed area	75	62	69.2	66.70		



		7	Opp. Khetan Ind	75	52	62	56.17
		8	Nr. Stab plant	75	61	70	70.67
		9	Nr D.G Set	75	70	72	70.67
<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 a 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> </ul>					

		<p>E) Tree Guard Distribution to Kadodara village Gram Panchayat.</p> <p>F) Photos of tree plantation at Compost site Dahej.</p>
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#### OTHER CONDITIONS:

Sr. No.	Description	Status
42	Project Proponent shall obtain necessary Authorization/ Consents from the Gujarat Pollution Control Board	<p>Complied.</p> <p>We have received CCA renewal 109249 dated 14.09.2020 and it is valid up to 17.04.2025.</p>
43	A separate Environment Management Cell equipped with full-fledged testing laboratory facilities shall be set up to carry out the environment Management and Monitoring Functions	<p>Complied.</p> <p>A full-fledged laboratory, well qualified and experienced staff is appointed in the environment cell. The details are as given below:</p> <p>Environment Cell at Site:</p> <ol style="list-style-type: none"> <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> <p>Corporate Environment Cell:</p> <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.	<p>Complied.</p> <p>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.</p>

45	Adequate spares for waste and effluent collection, handling and transfer shall always be maintained.	<p>Complied.</p> <p>Adequate spares for waste and effluent collection, handling and transfer are always maintained.</p>
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 for 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.</p> <p>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> <p>➤ 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.</p> <p>➤ To ensure least leakages from pumps/motors/lines, preventive maintenance of the same is carried out on regular basis.</p>

		<p>➤ Leakages from equipment &amp; floor washing effluent is being collected in tank/pit &amp; treated in MEE.</p>
53	<p>During effluent transfer, spillages shall be avoided, and garland drain be constructed to avoid mixing of accidental spillages with storm water.</p>	<p>Complied.</p> <p>➤ In case of spillage during transfer of effluent, the spilled effluent gets collected in the garland drain which has a collection pit at its end. From this collection pit, the effluent is transferred back to the feed tank for treatment in MEE. There is a separate effluent collection drain in the plant and is not connected to storm water drain. Similarly, there is a separate effluent collection drain/garland drain in all the plants and the spilled effluent is collected and transferred to MEE. Pictures depicting the same are attached.</p> <p>➤ The main landfill site is kept covered during monsoon and no waste is added in this site during the period and hence there are no chances of contaminated run-off from landfill. Further, an IIT approved leachate collection system is developed and there is a garland drain around the leachate tank. The leachate from here is pumped to the storage tank which is provided with dyke wall. Therefore, no chances of any type of contamination from anywhere. Pictures &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 1442.31 Lacs till September 2024. 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> <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>90,81,028.74</td></tr> </tbody> </table> <p>This expenditure details are submitted to GPCB in Form 5 (ES) and are included in half yearly Compliance report being submitted to MoEF&amp;CC.</p>	Sr. No.	Year	Expense	1	2018 – 2019	13,40,242	2	2019 – 2020	30,90,150	3	2020 – 2021	1,70,76,593	4	2021- 2022	1,52,00,989	5	2022- 2023	1,20,19,262	6	2023- 2024	1,60,68,507.4	7	2024-2025	90,81,028.74
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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 are also extending supporting hand when and where asked and required.</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 a free medical health checkup camp for students of Govt. Commerce &amp; Science college, Dahej.</li> <li>➤ We have also distributed dustbins at Dahej village under Swatch Bharat mission.</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>Please refer <b>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 we have recycling 31,627 kgs of wet waste from Dahej village and support to “Swachh Bharat-Solid Waste management project”</p> <p>C) We have provided medical equipment to Dahej PHC (i.e: Stretcher, Water Cooler RO, Inverter, Autoclave Machine, Computer Set, Wheelchair, Fridge (Domestic 165 ltr)</p> <p>D) Awareness session organized about the healthy hygiene habits for improving adolescent health care Health hygiene awareness session organized at Dahej Kanya Shala.</p> <p>E) Awareness session have organized on Fire and safety risk assessment training at Luvara government school</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 strive 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	Complied.

	the project for monitoring purpose by furnishing full details and action plan including action reports in respect of mitigation measures and other environmental protection activities	
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 (Oct'23-Marc'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. 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	<p>Complied.</p> <p>A separate account is maintained for environment protection and the cumulative</p>

	<p>stipulated herein. The funds provided shall not be diverted for any other purpose.</p>	<p>amount is 1442.31 Lacs till September-2024. These funds are not diverted for any other purpose.</p> <p>A year wise expenditure on environmental safeguards is mentioned in the below table:</p> <p>-</p> <table border="1"> <thead> <tr> <th>Sr. No.</th><th>Year</th><th>Expense</th></tr> </thead> <tbody> <tr> <td>1</td><td>2018 – 2019</td><td>13,40,242</td></tr> <tr> <td>2</td><td>2019 – 2020</td><td>30,90,150</td></tr> <tr> <td>3</td><td>2020 – 2021</td><td>1,70,76,593</td></tr> <tr> <td>4</td><td>2021- 2022</td><td>1,52,00,989</td></tr> <tr> <td>5</td><td>2022- 2023</td><td>1,20,19,262</td></tr> <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>90,81,028.74</td></tr> </tbody> </table> <p>This expenditure is informed to GPCB in Form 5 (ES) and are included in half yearly Compliance report being submitted to MoEF&amp;CC.</p>	Sr. No.	Year	Expense	1	2018 – 2019	13,40,242	2	2019 – 2020	30,90,150	3	2020 – 2021	1,70,76,593	4	2021- 2022	1,52,00,989	5	2022- 2023	1,20,19,262	6	2023 - 2024	1,60,68,507.4	7	2024-2025	90,81,028.74
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68	<p>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>	<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></p> <p>A) EC copy.</p> <p>B) Newspaper advertisements dated 24<sup>th</sup> August'13.</p>																								
69	<p>The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.</p>	<p>Complied.</p> <p>All the conditions stipulated in the CC&amp;A are complied.</p>																								
70	<p>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>	<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>																								

		Same is attached as <b>ANNEXURE-23</b> .
71	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.	Noted
72	The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional condition, if the same is found necessary. The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act 1974, Air (Prevention & Control of Pollution) Act 1981. The environment (Protection) Act 1986. Hazardous Wastes (Management, Handling and Transboundary Movement) Rules 2008 and the public Liability Insurance Act 1991 along with their amendments and rules.	Complied  We are complying with conditions imposed by the SEAC or the SEIAA. EC Compliance is submitted half yearly to the concern authorities (MOEF, CPCB, GPCB). All the conditions stipulated in the CCA are also complied. We have Public Liability Act 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 April' 24 to September'24.**

- 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	Noted

	such as infrastructure, laboratory is already available at the existing site.						
4	Details of existing and proposed facilities are as under:			Noted			
	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					
5	Water Consumption for the proposed project is 900 KLD and will be met from GIDC water supply.			Complied. The GIDC water consumption is as below:			
				Sr. No	Month	GIDC Water Consumption (KL/ month)	Average (KLD)
				1	April-24	7727	257.57
				2	May-24	7363	237.52
				3	June-24	6547	218.23
				4	July24	4890	157.74
				5	August-24	3953	127.52
				6	September-24	4102	136.73
Average		5763.67	188.97				

6	Leachate/effluent from landfill will be treated in Multiple Effect Evaporator (MEE) plant. The wastewater from the incinerator shall be used for quenching. Municipal solid waste generated from the project shall be disposed of as per MSW Rules, 2016.	Complied. 1. Leachate is treated in MEE Plant. 2. Wastewater from incinerator is being used for Quenching at incinerator. 3. MSW waste generated is sent for composting at CSR composting site of BEIL in a nearby village.
7	Hazardous solid waste generated as the residue from MEE after treatment of leachate and residue ash generated from incineration of hazardous waste shall be disposed in the landfill. Transportation of hazardous solid waste is done as per guidelines of CPCB. The TSDF have approved transporter authorization with dedicated vehicle (hydraulics) for transportation of wastes.	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	Noted.



	collecting and disposing the hazardous waste in the scientific manner that will reduce the future health hazard. It is expected that additional people will get employment and hence job opportunities for the local people as well as migrants from nearby areas would increase.	
13	Employment potential: About 150 persons (construction phase) & 60 persons (operational phase).	Noted. The total numbers of employees are 68. 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.

A. 1	SPECIFIC CONDITIONS	
1	Consent to Establish/Operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.	<p>Complied.</p> <p>We have obtained CTE on dated 24.12.2019 and CCA as amendment AWH-120793 on dated 18.10.2022 for incinerator.</p>
2	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> <p>We are fulfilling all the provisions of Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016.</p>
3	Ground water abstraction shall be as prescribed by the CGWA. A clearance/permission of the CGWA shall be obtained in this regard.	<p>Complied.</p> <p>Currently we are using only GIDC water.</p>
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.	<p>Complied</p> <p>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.</p>
5	The TSDF should only handle the waste generated from the member units.	<p>Complied</p> <p>We accept waste only from member units, who have valid CC&amp;A obtained from GPCB.</p> <p>At present we have 1452 members for Landfill. In support of this we are submitting returns to GPCB.</p>
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.	<p>Complied.</p> <p>We have installed one incinerator with Rotary kiln, secondary combustion chamber, Air pollution control system including Spray dryer absorber, Bag filter, Scrubber, Demister and CEMS is provided.</p> <p>Online monitoring for PM, SO<sub>2</sub>, NO<sub>x</sub> and CO provided as per CPCB guidelines.</p> <p>Dioxins and Furans emission are monitored quarterly and submitting in quarterly CPCB protocol to Regional office, GPCB-Bharuch and attached as <b>ANNEXURE-26</b>.</p>
7	Analysis of Dioxins and Furans shall be done through CSIR — National Institute for Interdisciplinary Science	Complied.

	and Technology (NIIST), Thiruvananthapuram or equivalent NABL Accredited laboratory.	We have monitored Dioxins and Furans in the Stacks emissions in June-2024 and September-2024 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:</b><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>47.5</td><td>68</td><td>57.1</td></tr><tr><td>2</td><td>PM<sub>2.5</sub></td><td>µg/ m<sup>3</sup></td><td>60</td><td>20.6</td><td>30.5</td><td>25.4</td></tr><tr><td>3</td><td>Sulphur Dioxide</td><td>µg/ m<sup>3</sup></td><td>80</td><td>6.25</td><td>20.4</td><td>10.8</td></tr><tr><td>4</td><td>Nitrogen Dioxide</td><td>µg/ m<sup>3</sup></td><td>80</td><td>20.9</td><td>27.1</td><td>23.8</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>2.8</td><td>9.6</td><td>6.5</td></tr></table></div>	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	47.5	68	57.1	2	PM <sub>2.5</sub>	µg/ m <sup>3</sup>	60	20.6	30.5	25.4	3	Sulphur Dioxide	µg/ m <sup>3</sup>	80	6.25	20.4	10.8	4	Nitrogen Dioxide	µg/ m <sup>3</sup>	80	20.9	27.1	23.8	5	Ammoni a (Nh <sub>3</sub> )	µg/ m <sup>3</sup>	400	2.8	9.6	6.5
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12	The depth of the land fill site shall be decided based on the ground water table at the site and may be such as permitted by the Pollution Control Board.	<p>Complied</p> <p>Ground water table at the project site has been ascertained through the GWRDC before initiating construction of secured landfill site. The depth of the secured land fill site has been decided based on the ground water level at the site and bottom of the secured landfill site is 7.5 (&gt; 2 m as per landfill criteria) meter above the ground water table. GWRDC report is attached as <b>ANNEXURE-01</b>.</p>																																																																								
13	Environmental Monitoring Program shall be implemented as per EIA report and guidelines prescribed by CPCB for hazardous waste facilities. Periodical ground water/soil monitoring to check the contamination in and around the site shall be carried out.	<p>Complied.</p> <p>1. Implementation of EMP is done stagewise and its status is attached as <b>ANNEXURE-19</b>.</p> <p>2. Water and soil monitoring is done regularly in and around the site and results are attached as <b>ANNEXURE-5b</b>.</p> <p><b>Summary Table: Ground Water (April'24 to September'24)</b></p> <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>7.72</td><td>7.64</td><td>8.26</td></tr><tr><td>2</td><td>Conductivity</td><td>mmhos/cm</td><td>56.33</td><td>51.92</td><td>0.36</td></tr><tr><td>3</td><td>Turbidity</td><td>NTU</td><td>1.49</td><td>1.29</td><td>0.21</td></tr><tr><td>4</td><td>TSS</td><td>mg/l</td><td>64.58</td><td>68.85</td><td>ND</td></tr><tr><td>5</td><td>TDS</td><td>mg/l</td><td>36543</td><td>33742</td><td>237.5</td></tr><tr><td>6</td><td>TOC</td><td>mg/l</td><td>4.62</td><td>3.72</td><td>ND</td></tr><tr><td>7</td><td>Color</td><td>Co-pt</td><td>19.83</td><td>14.78</td><td>6.00</td></tr><tr><td>8</td><td>COD</td><td>mg/l</td><td>72.83</td><td>63.83</td><td>ND</td></tr><tr><td>9</td><td>Chloride</td><td>mg/l</td><td>17891</td><td>15292</td><td>58.96</td></tr></table> <p><b>Summary Table: Soil Analysis (Pre-Monsoon)</b></p> <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>8.32</td><td>2164</td><td>1408</td><td>0.98</td></tr></table>	Sr No	Parameter	Unit	Average of Up-stream borewell	Average of down-stream	Average of outside premises	1	pH		7.72	7.64	8.26	2	Conductivity	mmhos/cm	56.33	51.92	0.36	3	Turbidity	NTU	1.49	1.29	0.21	4	TSS	mg/l	64.58	68.85	ND	5	TDS	mg/l	36543	33742	237.5	6	TOC	mg/l	4.62	3.72	ND	7	Color	Co-pt	19.83	14.78	6.00	8	COD	mg/l	72.83	63.83	ND	9	Chloride	mg/l	17891	15292	58.96	Sr No	Parameters	pH	Conductivity (umho/cm)	TDS (mg/L)	TOC (%)	1	Nr EB-1	8.32	2164	1408	0.98
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		and 6-month full body check-up and record for the same are maintained						
21	Emergency plan shall be drawn in consultation with SPCB/CPCB and implemented in order to minimize the hazards to human health or environment from fires, explosion or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil or surface water.	<p>Complied</p> <p>We have prepared and implemented an Onsite Emergency Plan &amp; Disaster Management Plan and is attached in <b>ANNEXURE-10</b>.</p> <p>Onsite emergency plan is submitted to factory inspector.</p>						
22	Rain-water runoff from the landfill area and other hazardous waste management area shall be collected and treated in the effluent treatment plant.	<p>Complied</p> <p>If any contaminated run-off, it is collected and treated in the in-house MEE plant.</p>						
23	The Project proponent shall not store the Hazardous Wastes more than the quantity that has been permitted by the CPCB/SPCB.	<p>Complied.</p> <p>Landfillable hazardous waste is stored only during monsoon. Incinerable waste is being stored as per CPCB guideline/GPCB guideline.</p>						
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.	<p>Complied</p> <p>This monitoring report is submitted to regional office as a part of half yearly compliance report and posted on Website.</p> <table border="1"> <thead> <tr> <th>year</th><th>Amount</th><th>Details</th></tr> </thead> <tbody> <tr> <td>2019-20</td><td>18,59,543</td><td> <p>Fabrication of Drum Stand for making Compost and tilting Drum Storage of Kitchen Waste – Rs.4,60,200/-</p> <p>Fabrication &amp; Erection of Structure for Making shed on Kitchen Waste Mixing Pit and Storage Shed for Plastic - Rs.1,33,814/-</p> <p>Construction of Compost Pit &amp; Other Structure - Rs.7,52,583/-</p> <p>Project of collection of Kitchen Waste (door to door) - Rs.5,12,946/-</p> </td></tr> </tbody> </table>	year	Amount	Details	2019-20	18,59,543	<p>Fabrication of Drum Stand for making Compost and tilting Drum Storage of Kitchen Waste – Rs.4,60,200/-</p> <p>Fabrication &amp; Erection of Structure for Making shed on Kitchen Waste Mixing Pit and Storage Shed for Plastic - Rs.1,33,814/-</p> <p>Construction of Compost Pit &amp; Other Structure - Rs.7,52,583/-</p> <p>Project of collection of Kitchen Waste (door to door) - Rs.5,12,946/-</p>
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		2020-21	9,01,048	Project of collection of Kitchen Waste (Door to Door) at Dahej Village
		2021-22	8,27,652	Project of collection of Kitchen Waste (Door to Door) at Dahej Village
		2022-23	8,07,828	Project of collection of Kitchen Waste (Door to Door) at Dahej Village, Dist. Bharuch
		2023-24	1,041,646	Promoting Education including Special Education and Vocational Skills – RS. 8,50,000/-
				Collection of Kitchen Waste (Door to Door) at Dahej Village- RS. 6,03,144/-
				Development Activities in Dahej- RS. 29,870/-
				Blood Donation Camp at Dahej- 22,794/-
				Donation of new Health Equipment to Dahej PHC- RS. 1,38,922/-
<b>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.	Complied.		



	<p>Year-wise expenditure shall be reported to this Ministry and its concerned Regional Office.</p>	<p>A separate account is maintained for environment protection and the cumulative amount is 1442.31 Lacs till September 2024. These funds are not diverted for any other purpose.</p> <p>A year wise expenditure on environmental safeguards is mentioned in the below table: -</p> <table border="1"> <thead> <tr> <th>Sr. No.</th><th>Year</th><th>Expense</th></tr> </thead> <tbody> <tr> <td>1</td><td>2018 – 2019</td><td>13,40,242</td></tr> <tr> <td>2</td><td>2019 – 2020</td><td>30,90,150</td></tr> <tr> <td>3</td><td>2020 – 2021</td><td>1,70,76,593</td></tr> <tr> <td>4</td><td>2021- 2022</td><td>1,52,00,989</td></tr> <tr> <td>5</td><td>2022-2023</td><td>1,20,19,262</td></tr> <tr> <td>6</td><td>2023 - 2024</td><td>1,60,68,507.4</td></tr> <tr> <td>7</td><td>2024-2025</td><td>90,81,028.74</td></tr> </tbody> </table> <p>This expenditure is informed to GPCB in Form 5 (ES) and are included in half yearly Compliance report being submitted to MoEF&amp;CC. Form – 5 for the period Apr’23 – Mar’24 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	90,81,028.74
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3	<p>Officials from the Regional Office of MOEF &amp;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 &amp; CC shall be forwarded to the APCCF, Regional Office of MOEF &amp; CC, Bhopal.</p>	Noted.																								
4	<p>In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by this Ministry.</p>	Noted																								
5	<p>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.</p>	Noted																								
6	<p>All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire</p>	<p>Complied.</p> <p>Statutory clearances as applicable are obtained.</p>																								

	Department, Civil Aviation Department, the Forest Conservation Act, 1980 and the Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	
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	<p>The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MOEF&amp;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.</p>	<p>Complied.</p> <ol style="list-style-type: none"> <li>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.</li> <li>2. A digital display board is provided at the main gate indicating all parameters which is open to public.</li> </ol>
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 2023-24 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**

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,</td><td></td><td>2 x 12</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,		2 x 12	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,		2 x 12											

		one installed)				
	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 M/s Gujarat Industrial Development Corporation. Total Plot Area: 305146.881 m2					Noted.
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)	
	Domestic		16		16	
	Industrial	Process (Leachate, drum decontamination, tanker decontamination, tyre washing)	200		200	
		Cooling	2	14	16	
		Boiler blowdown/ DM Water Plant/UF blowdown	2	82	84	

	<table><tr><td>Washing/Laboratory</td><td>99</td><td>25</td><td>124</td><td>MEE</td></tr><tr><td>Condensate water</td><td>100</td><td>550</td><td>650</td><td>ETP/Recycled</td></tr><tr><td>Bleed water</td><td>170</td><td>14.5</td><td>184.5</td><td>Incinerator</td></tr><tr><td>Wastewater generation (KL/Day)</td><td>589 KL D</td><td>685.5 KL D</td><td>1274.5 KLD</td><td></td></tr></table>	Washing/Laboratory	99	25	124	MEE	Condensate water	100	550	650	ETP/Recycled	Bleed water	170	14.5	184.5	Incinerator	Wastewater generation (KL/Day)	589 KL D	685.5 KL D	1274.5 KLD		
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Wastewater generation (KL/Day)	589 KL D	685.5 KL D	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's 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 closure 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.																				

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 Aug'24 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 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.	<p>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.”</p> <p><b>Noted and shall be Complied.</b></p>																																
1.13	Fresh water requirement shall not exceed 1077 KLD water (after expansion) will be required during operational phase. Abstraction of ground water shall be subject to the permission of Central Ground Water Authority (CGWA).	<p>Complied.</p> <p>Total water consumption in the last 6 months is <u>34582</u> KL and per day is @ 188.97 KLD. Summary of the same as below.</p> <table><tr><th>Sr · No</th><th>Month</th><th>Water Consumpti on (KL/ month)</th><th>Averag e (KLD)</th></tr><tr><td>1</td><td>April-24</td><td>7727</td><td>257.57</td></tr><tr><td>2</td><td>May-24</td><td>7363</td><td>237.52</td></tr><tr><td>3</td><td>June-24</td><td>6547</td><td>218.23</td></tr><tr><td>4</td><td>July-24</td><td>4890</td><td>157.74</td></tr><tr><td>5</td><td>August- 24</td><td>3953</td><td>127.52</td></tr><tr><td>6</td><td>Septembe r-24</td><td>4102</td><td>136.73</td></tr><tr><td colspan="2">Average</td><td>5763.67</td><td>188.97</td></tr></table>	Sr · No	Month	Water Consumpti on (KL/ month)	Averag e (KLD)	1	April-24	7727	257.57	2	May-24	7363	237.52	3	June-24	6547	218.23	4	July-24	4890	157.74	5	August- 24	3953	127.52	6	Septembe r-24	4102	136.73	Average		5763.67	188.97
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1.14	Gas generated in the Landfill should be properly collected, monitored, and flared.	<p>Complied.</p> <ul style="list-style-type: none"><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></ul>																																

		<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 Procedure (TCLP) test should be performed on leachates regularly.	<p>Noted and shall be complied.</p> <p>We are doing TCLP test for leachates on monthly basis and are submitting in monthly report to GPCB regularly.</p>

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 Trans-boundary Movement) Rules, 2016 to prevent unwanted access.	Noted. Only authorized person can enter the premises after proper security check-up.

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 had received CTE for the project on date 27.09.2024.
<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> <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)	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>
1.4	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.	Complied. We have obtained CTE on dated 27 09.2024 from GPCB.
1.5	The Project proponent should ensure that the TSDF fulfils all the provisions of Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016.	Complied. <ul style="list-style-type: none"> <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.	Complied. 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.
1.7	Incinerator shall be designed as per CPCB guidelines. Energy shall be recovered from incinerator.	Complied. The incinerator is designed as per the CPCB guidelines. We have a WHRB attached to Incineration. The steam generated from heat recovery boiler is used to operate the MEE & Paddle dryer.

1.8	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.	Noted. Currently we are only using water source from GIDC.
1.9	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained	Noted.
1.10	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities	Complied. <ul style="list-style-type: none"> <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 Aug'24 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 within and three outside the plant area at an angle of 120°each), covering upwind and downwind directions.	Complied We are regularly monitoring the ambient air quality around the landfill at up-wind and down-wind directions internally and by third party on monthly basis. Results of monthly monitoring carried out by Third party are attached as <b>ANNEXURE-08</b> .

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 September-2024 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 carrying out regular monitoring of these vents for VOC &amp; HC.</li> </ul>



		<ul style="list-style-type: none"> <li>The results are attached as <b>ANNEXURE27.</b></li> </ul>
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.	<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	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>Not Applicable.</p> <p>We have Zero Liquid Discharge Facility.</p>
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.	<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	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	<p>Not Applicable.</p> <p>We have Zero Liquid Discharge Facility. Ground water monitoring is carrying out (internally and by third party) on monthly basis and same are submitted to GPCB and</p>

	Regional Office of SPCB along with six-monthly monitoring report.	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 for treatment of effluents shall be as permitted by the Pollution Control Board/Committee under the provisions of consent to establish.	Complied. We have MEE plant followed by MAP+ETP+RO plant for treatment of effluent.

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>34582</u> KL and per day is @ 188.97 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>April-24</td><td>7727</td><td>257.57</td></tr><tr><td>2</td><td>May-24</td><td>7363</td><td>237.52</td></tr><tr><td>3</td><td>June-24</td><td>6547</td><td>218.23</td></tr><tr><td>4</td><td>July-24</td><td>4890</td><td>157.74</td></tr><tr><td>5</td><td>August-24</td><td>3953</td><td>127.52</td></tr><tr><td>6</td><td>September-24</td><td>4102</td><td>136.73</td></tr><tr><td colspan="2">Average</td><td>5763.67</td><td>188.97</td></tr></table>	Sr . No	Month	Water Consumption (KL/ month)	Average (KLD)	1	April-24	7727	257.57	2	May-24	7363	237.52	3	June-24	6547	218.23	4	July-24	4890	157.74	5	August-24	3953	127.52	6	September-24	4102	136.73	Average		5763.67	188.97
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3.11	Sewage Treatment Plant shall be provided to treat the wastewater generated from the project. Treated water shall be reused within the project	<p>Noted.</p> <p>We are treating sewage into the ETP plant and then R.O plant.</p> <p>Treated water is used within the premises.</p>																																
3.12	A certificate from the competent authority for discharging treated effluent/ untreated effluents into the public sewer/ disposal/drainage systems along with the final disposal point should be obtained.	<p>Not Applicable.</p> <p>We have Zero Liquid Discharge facility under which treated water is utilized for gardening and other purposes within the premises.</p>																																

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

		<p>We accept waste only of member units, who have valid CC&amp;A obtained from GPCB.</p> <p>At present we have 1452 members for Landfill. In support of this we are submitting returns to GPCB.</p>
6.2	Periodical soil monitoring to check the contamination in and around the site shall be carried out.	<p>Complied.</p> <p>soil monitoring is done Pre-monsoon and post-monsoon around the site and results are attached as <b>ANNEXURE-05b..</b></p>
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.	<p>Complied</p> <p>Only Hazardous waste is handled at the site.</p>
6.4	The Project proponent shall not store the Hazardous Wastes more than the quantity that has been permitted by the CPCB/SPCB.	<p>Complied.</p> <p>Landfillable hazardous waste is stored only during monsoon. Incinerable waste is being stored as per CPCB guideline/GPCB guideline.</p>
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.	<p>Complied.</p> <p>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></p>
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.	<p>Complied.</p> <p>Inside the premises dedicated parking area is provided to avoid any kind of traffic congestion.</p>

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. An 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 addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Complied. Copies of Environmental clearance submitted to gram panchayat on date 16/11/2023 and attached as <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	Complied.

	their website and update the same on half-yearly basis.	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.
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 (ME-Environment) 12. Dnyaneshwar Patil: Officer- Environment (BE-Environment)

		Corporate Environment Cell: 1. Mr. B.D. Dalwadi - CEO - (BE – Chemical) 2. Dr. P N Parameswaran: Advisor – Environment
9.7	Action plan for implementing EMP and environmental conditions along with responsibility 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.	Complied. EMP Compliance is attached as <b>ANNEXURE-19</b> . A separate account (Escrow account) is maintained for environment protection. These funds are not diverted for any other activity. The details are submitted quarterly.
9.8	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Complied. Environment Audit is done every year by Scheduled-I auditor recognized by GPCB on half yearly basis and same is submitted to GPCB. Ack of Environment audit report is attached as <b>ANNEXURE-06</b> .
9.9	The project proponent shall submit the environmental statement for each financial year in FormV to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Complied. Every year we submit the Environmental Statement (Form – V) to the GPCB Regional Office Bharuch and to GPCB Gandhinagar. It is uploaded on the website of the company as a part of 6 monthly compliance report. We also mail to MoEF&CC.
9.10	The criteria pollutant levels namely, PM2.5, PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain	Complied. we have digital display board at front of our main entry gate which displays all required data and monitoring parameters.
9.11	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Complied. The GPCB is informed time to time about the status of project.
9.12	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted. We are complying 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.

*[Signature]*  
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>B. E. I. L.</b>	
05 MAY 2012	
Inward No.	282
Time	14:20

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

**(April -2012)**

**GEOHYDROLOGIST**  
**REGIONAL DATA CENTRE**  
**VASNA BARRAGE**  
**VASNA**  
**AHMEDABAD**

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

## **AIM OF STUDY**

Bharuch Enviro Infrastructure Ltd. has asked for Geohydrological Condition in & around Village Dahej GIDC area to study the ground water flow direction, details of aquifers and level of 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

\*\*\*\*\*

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

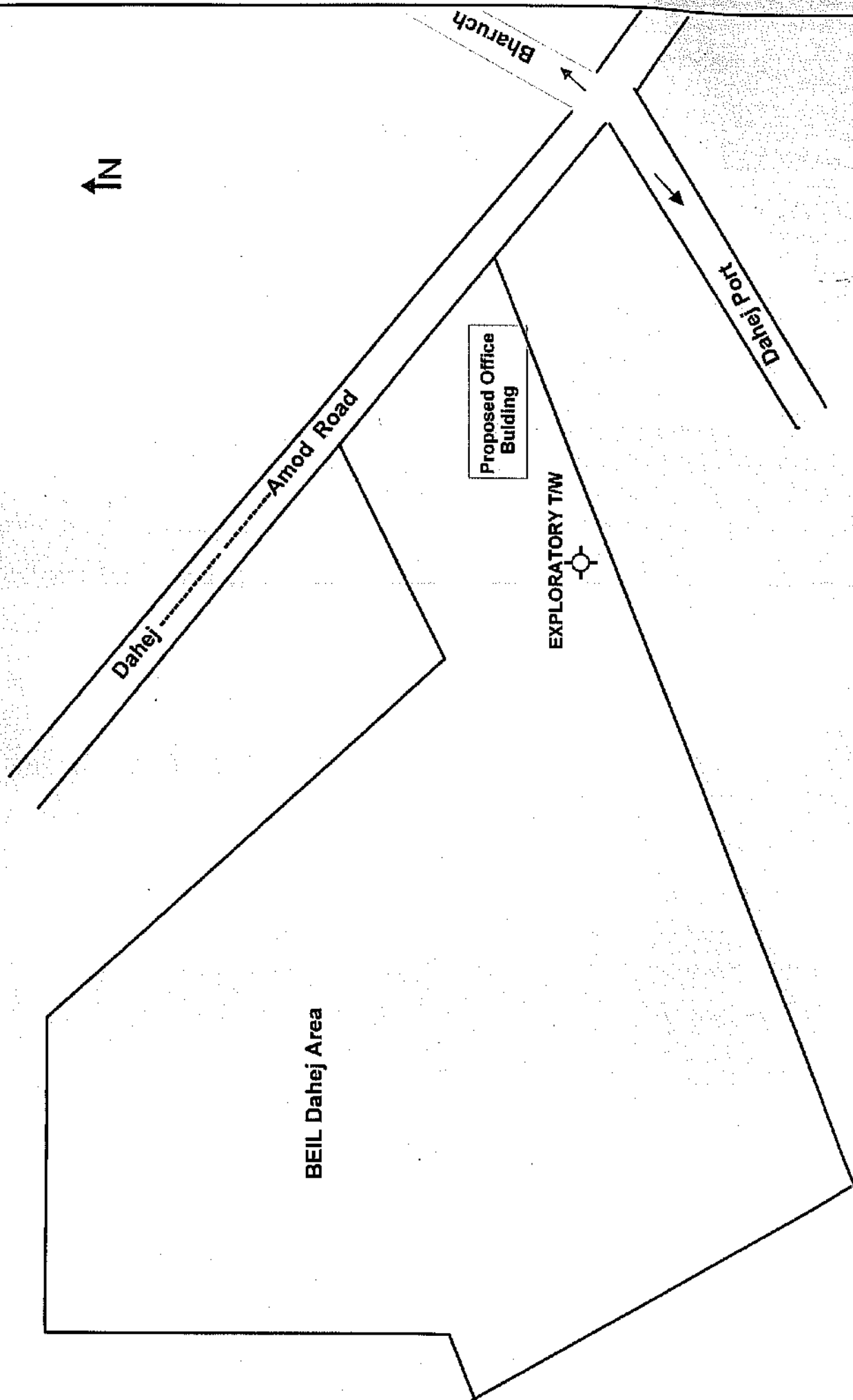
Month/Year	VILLAGE ATALI			VILLAGE DAHEJ		
	Water Level	Rise /fall	TDS in PPM	Water Level	Rise /fall	TDS in PPM
May-07	5.44	2.30	****	9.00	1.20	4010
Oct-07	3.14		430	7.80		3830
May-08	5.10	1.80	****	9.23	0.77	3730
Oct-08	3.30		440	8.46		3860
May-09	4.98	1.14	380	9.16	0.52	4030
Oct-09	3.84		370	8.64		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	



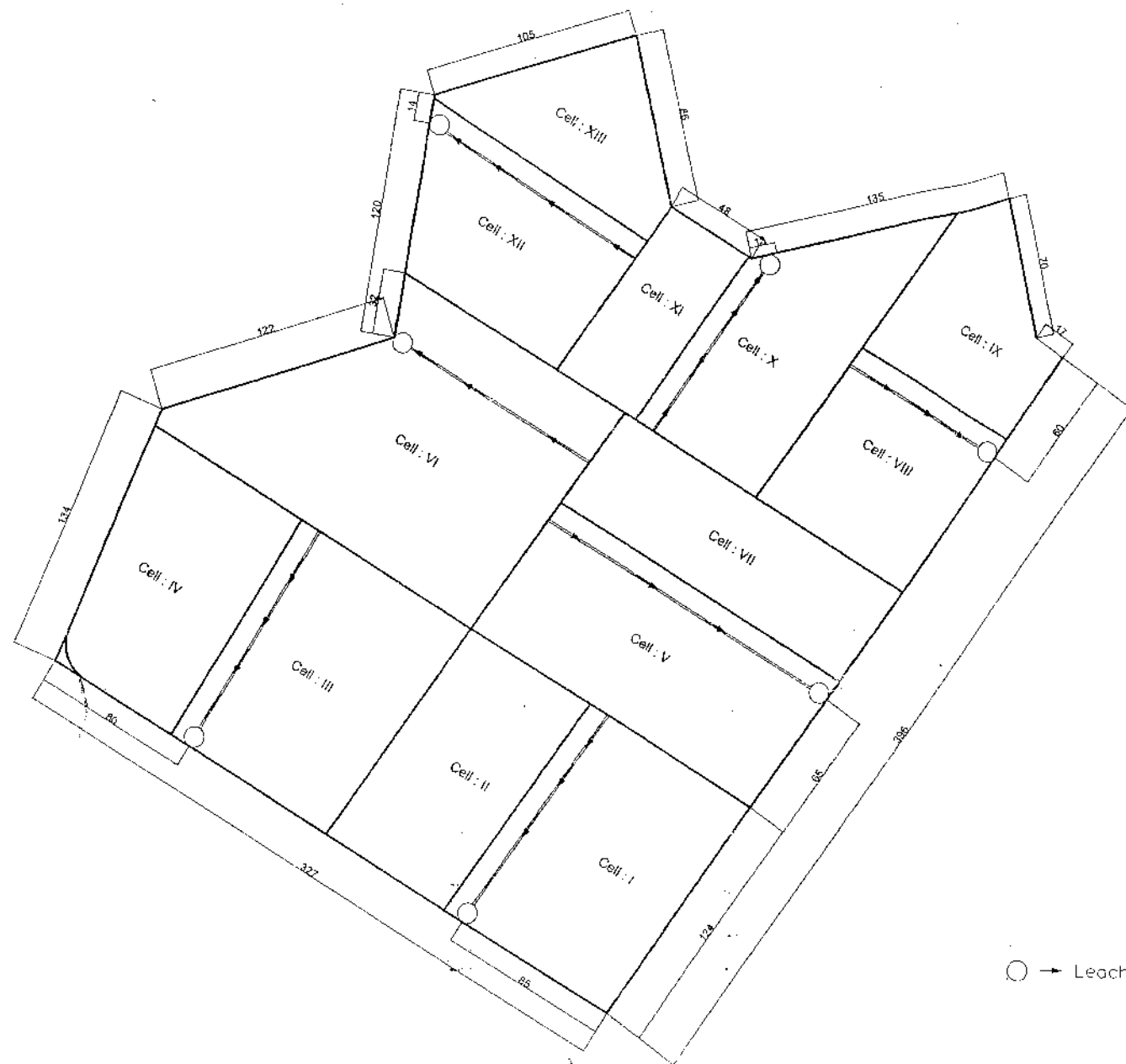


Plate-II

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



# Annexure 2



**PLAN OF YEARLY PHASES OF LANDFILL**

○ → Leachate Collection Wells

NAME OF DRAWING

**PLAN OF YEARLY PHASES OF LANDFILL**

PROJECTS :

**CONSTRUCTION OF SECURED LANDFILL FACILITY**



**BHARUCH ENVIRO INFRASTRUCTURE LIMITED**

PLOT NO: 43, GIDC, DAHEJ

DESIGN & DRAWN BY :



**BHARUCH ENVIRO INFRASTRUCTURE LIMITED**

PLOT NO: 43, GIDC, DAHEJ

*Handwritten signature*



APPROVED BY

**INDIAN INSTITUTE OF TECHNOLOGY,  
NEW DELHI**

*Handwritten signature*  
21/10

**Dr. Manoj Datta  
Professor**

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

*Handwritten signature*

DRG NO

REV.

DATE

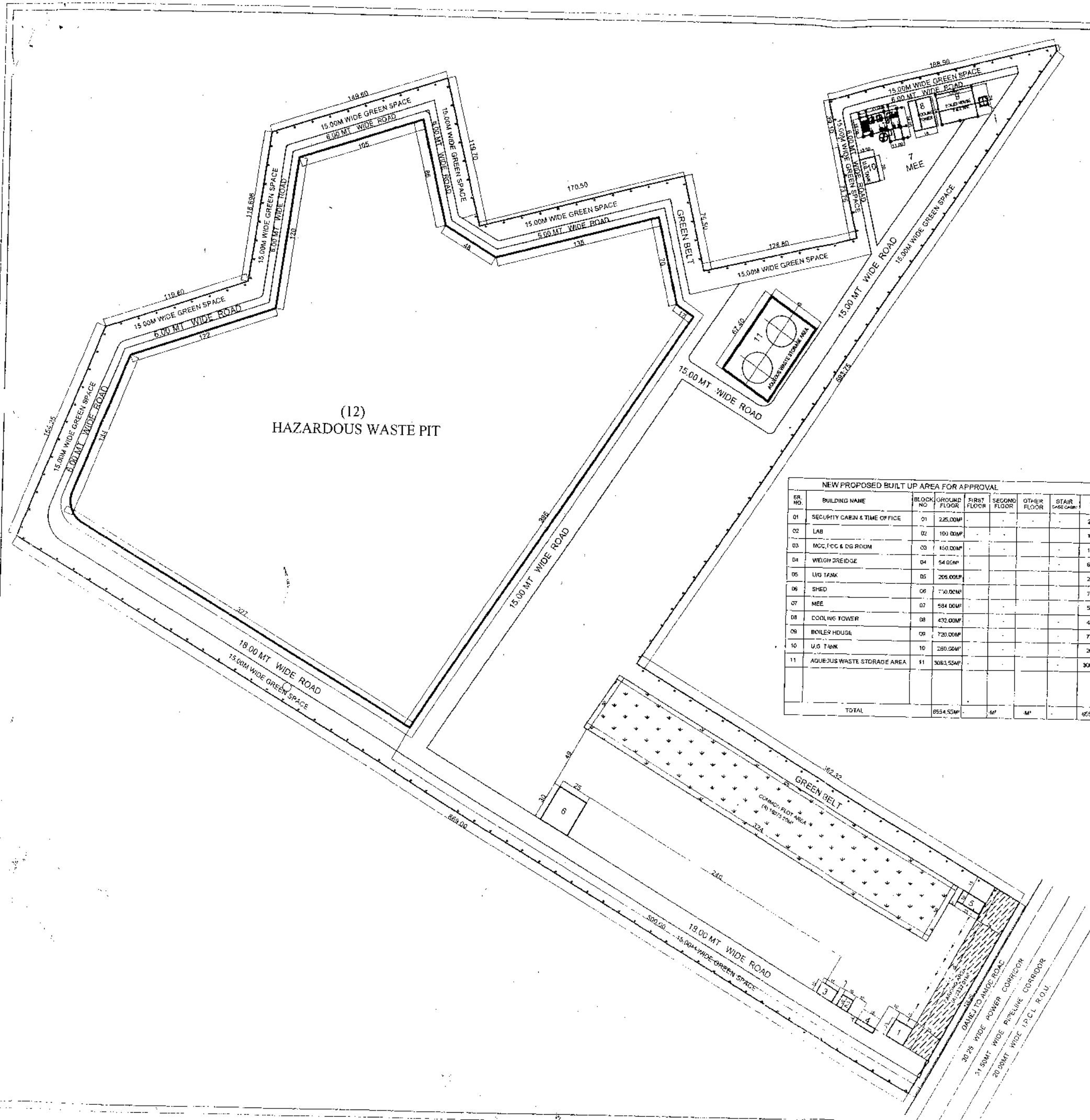
BEIL-LAY-05

26.09.13

ALL DIMENSIONS SHOWN ARE IN METER

SCALE

N.T.S.



NAME OF DRAWING

## GENERAL LAYOUT

PROJECTS :

CONSTRUCTION OF SECURED LANDFILL FACILITY



**BHARUCH ENVIRO INFRASTRUCTURE LIMITED**

PLOT NO: 43, GIDC, DAHEJ

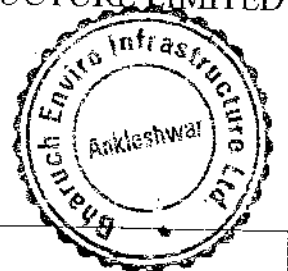
DESIGN & DRAWN BY :



**BHARUCH ENVIRO INFRASTRUCTURE LIMITED**

PLOT NO: 43, GIDC, DAHEJ

*Handwritten signature*



APPROVED BY

**INDIAN INSTITUTE OF TECHNOLOGY,  
NEW DELHI**

*Handwritten signature*

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

DRG NO

REV.

DATE

BEIL-LAY-01

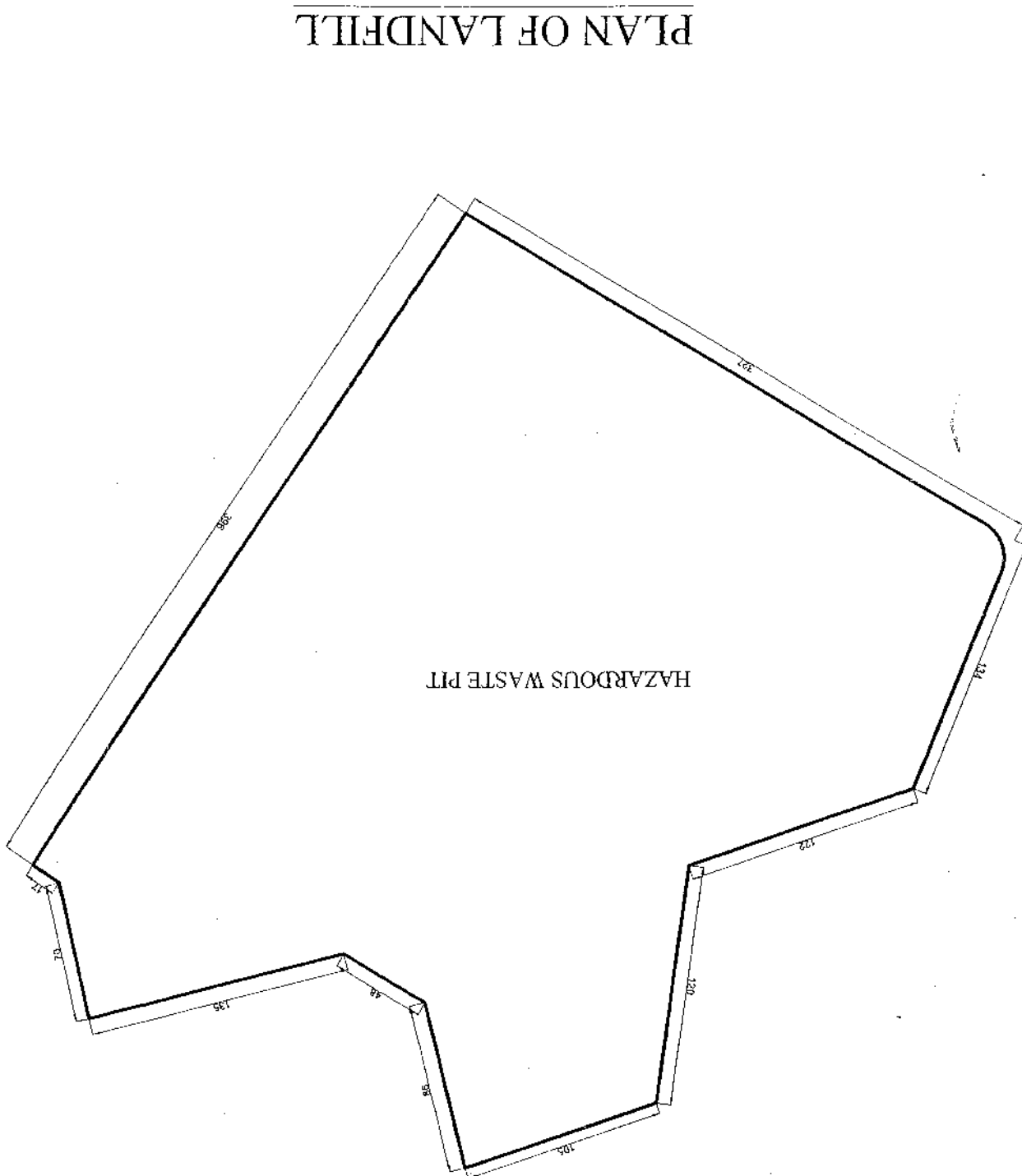
26.09.13

ALL DIMENSIONS SHOWN ARE IN METER

SCALE

N.T.S.

NAME OF DRAWING			PLAN OF LANDFILL		
PROJECTS :			CONSTRUCTION OF SECURED LANDFILL FACILITY		
BELL			BELL		
BHARUCH ENVIRO INFRASTRUCTURE LIMITED			BHARUCH ENVIRO INFRASTRUCTURE LIMITED		
PLOT NO: 43, GIDC, DAHEJ			PLOT NO: 43, GIDC, DAHEJ		
DESIGN & DRAWN BY :			BELL		
BHARUCH ENVIRO INFRASTRUCTURE LIMITED			PLOT NO: 43, GIDC, DAHEJ		
Ankleshwar			BELL		
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			DATE		
REV.			DRG NO		
26.09.13			BELL LAY-02		
SCALE			N.T.S.		
ALL DIMENSIONS SHOWN ARE IN METERS					





**INDIAN INSTITUTE OF TECHNOLOGY, DELHI**

**Department of Civil Engineering**

**Hauz Khas, New Delhi – 110 016**

**Dr. Manoj Datta**  
Professor & Head

Phone: 26591183/26591241 (O)

Fax: 26581117/26862037

Email: [mdatta@civil.iitd.ac.in](mailto: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)





# INDIAN INSTITUTE OF TECHNOLOGY, DELHI

## Department of Civil Engineering

Hauz Khas, New Delhi – 110 016

**Dr. Manoj Datta**  
Professor

Phone: 26591183/26591241 (O)

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Email: [mdatta@civil.iitd.ac.in](mailto:mdatta@civil.iitd.ac.in)

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

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

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

### Overview

The Secured (Hazardous Waste) Landfill Facility of Bharuch Enviro Infrastructure Limited at Dahej was assessed for compliance with HW Landfill Guidelines (HWLG) published by CPCB for construction of new Cells 3 and 4. The assessment was based on review of design documents, review of drawings, site visit on 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)



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Date: 11.04.2022

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

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

**Overview**

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

**Review Report**

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

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




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

### Conclusions

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

Cell-6 is now ready to receive the waste.

  
(G. V. Ramana)

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Date:05.05.2023

Mr. Manoj Patel,  
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**Sub: Technical Review of Secured Landfill of BEIL at Dahej for Hazardous Waste**

**Overview**

The Secured (Hazardous Waste) Landfill Facility of BEIL Infrastructure Limited at Dahej was assessed for compliance with HW Landfill Guidelines (HWLG) published by CPCB. The assessment was based on review of design documents, review of drawings, site visit on 05.05.2023, inspection of Cell-7,8,9, and 10, review of records and associated documents.

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

**REVIEW REPORT**

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

- (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)

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April 22<sup>nd</sup> 2024

BEIL Infrastructure Limited

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Dahej - 392130

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 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)  


**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 collected leachate is treated onsite in MEE. Leachate is recirculated accelerating process of landfill stabilization.</p>
<p>5. Gaseous Emission Management:</p> <ul style="list-style-type: none"> <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.

Receipt Date From: 01-APR-2024  
Receipt Date To: 30-SEP-2024

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Ash Content	Calorific value	Carbon (%)	Halogen (as Cl)	Loss On Drying at 110°C	PACKAGE TYPE	Sulphur.	Viscosity	WASTE STATE	Water Content by K.F.(w/w)	pH	
1	b5671af44a			01-04-24 08:11:12	01-Apr-2024 22.15	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	33680.000	1.16	2539	NOT APPLICABLE	3.83	84.40	TANKER	0.89	FF	OLW	33.56	2.17	
2	6012ccd0ef			01-04-24 09:52:55	01-Apr-2024 22.20	Distillation residues (20.3)	AQUEOUS	DISTILLATION RESIDUES	16540.000	6.13	879	NOT APPLICABLE	2.25	67.33	TANKER	1.18	FF	AQUEOUS	62.44	11.52	
3	ef104a26a1			01-04-24 15:20:42	02-Apr-2024 00.52	Distillation residues (20.3)	SEMI-SOLID	DISTILLATION RESIDUES	9590.000	1.26	5501	NOT APPLICABLE	1.35	56.90	DRUMS	0.30	NFF	SEMI-SOLID		6.30	
4	b4b98979a0			01-04-24 18:28:14	02-Apr-2024 00.52	Distillation residues (20.3)	AQUEOUS	DISTILLATION RESIDUES	11130.000	3.78	2321	NOT APPLICABLE	1.95	84.83	DRUMS	0.85	FF	AQUEOUS	22.56	10.40	
5	e7429fd246			02-04-24 11:25:39	02-Apr-2024 22.07	Exhaust Air or Gas cleaning residue (35.1)	SOLID	GAS CLEANING RESIDUES.	2670.000	40.96	676	NOT APPLICABLE	1.77	2.05	BAGS	0.19	NFF	SOLID		8.5	
6	f448ac7762			02-04-24 12:51:17	02-Apr-2024 22.09	Exhaust Air or Gas cleaning residue (35.1)	SOLID	GAS CLEANING RESIDUES.	2230.000	49.96	650	NOT APPLICABLE	2.10	2.05	BAGS	0.59	NFF	SOLID		8.5	
7	022c6eb754			02-04-24 14:03:31	03-Apr-2024 08.25	Wastes or residues (not made with vegetable or animal materials) (23.1)	SOLID	WASTES OR RESIDUES.	2640.000	1.41	3161	NOT APPLICABLE	1.78	26.52	BAGS	0.59	NFF	SOLID		5.19	
8	baa2d1da0b			03-04-24 07:14:25	03-Apr-2024 23.45	Any process or distillation residue (36.1)	SEMI-SOLID	ANY PROCESS WASTE.	9360.000	1.40	4806	NOT APPLICABLE	24.49	49.57	DRUMS	0.89	NFF	SEMI-SOLID		3.19	
9	041efb5559			03-04-24 08:03:08	03-Apr-2024 23.48	Any process or distillation residue (36.1)	SEMI-SOLID	ANY PROCESS OR DISTILLATION RESIDUE.	10070.000	2.96	5083	NOT APPLICABLE	10.15	58.18	DRUMS	0.79	NFF	SEMI-SOLID		2.85	

Receipt Date From: 01-APR-2024

Receipt Date To: 30-SEP-2024

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Ash Content	Calorific value	Carbon (%)	Halogen (as Cl)	Loss On Drying at 110°C	PACKAGE TYPE	Sulphur.	Viscosity	WASTE STATE	Water Content by K.F.(w/w)	pH	
10	1168f84c1a			03-04-24 10:10:50	03-Apr-2024 23.50	Any process or distillation residue (36.1)	SEMI-SOLID	ANY PROCESS WASTE.	10790.000	1.89	4524	NOT APPLICABLE	24.37	47.03	DRUMS	0.89	NFF	SEMI-SOLID		2.59	
11	83a660b718			03-04-24 13:42:00	03-Apr-2024 23.53	Distillation residues (20.3)	AQUEOUS	DISTILLATION RESIDUES	6580.000	3.78	637	NOT APPLICABLE	7.37	84.83	DRUMS	1.19	FF	AQUEOUS	67.10	12.39	
12	eece371efe			03-04-24 17:01:45	03-Apr-2024 23.57	Process wastes or residues (29.1)	AQUEOUS	PROCESS WASTE	27490.000	2.63	1156	NOT APPLICABLE	12.26	83.53	TANKER	0.53	FF	AQUEOUS	56.96	12.95	
13	9e1082d3ac			03-04-24 17:21:12	03-Apr-2024 23.59	Any process or distillation residue (36.1)	SEMI-SOLID	ANY PROCESS OR DISTILLATION.	6080.000	1.41	2455	NOT APPLICABLE	21.40	50.18	DRUMS	0.54	NFF	SEMI-SOLID		7.60	
14	b7ffa82868			04-04-24 08:03:48	05-Apr-2024 00.47	Any process or distillation residue (36.1)	AQUEOUS	ANY PROCESS OR DISTILLATION.	7870.000	6.13	917	NOT APPLICABLE	2.56	67.33	DRUMS	1.70	FF	AQUEOUS	45.56	10.92	
15	35ae9c91ee			04-04-24 10:17:31	05-Apr-2024 00.48	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	28570.000	1.43	6612	NOT APPLICABLE	34.59	75.17	TANKER	0.39	FF	OLW	3.91	0.39	
16	83a810649b			04-04-24 10:46:02	05-Apr-2024 00.47	Distillation residues (20.3)	ORGANIC LIQUID	DISTILLATION RESIDUES.	11630.000	1.16	4972	NOT APPLICABLE	4.57	84.53	DRUMS	2.89	FF	OLW	7.19	4.98	
17	ddc75b2db1			04-04-24 10:57:17	05-Apr-2024 00.47	Any process or distillation residue (36.1)	SOLID	ANY PROCESS OR DISTILLATION.	7580.000	3.50	1799	NOT APPLICABLE	2.39	15.69	BAGS	3.50	NFF	SOLID		2.96	
18	52d3a1b62f			04-04-24 19:29:52	05-Apr-2024 00.49	Distillation residues (20.3)	ORGANIC LIQUID	DISTILLATION RESIDUES	25410.000	2.70	4058	NOT APPLICABLE	44.03	83.50	TANKER	0.45	FF	OLW	5.07	1.35	

Receipt Date From: 01-APR-2024

Receipt Date To: 30-SEP-2024

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Ash Content	Calorific value	Carbon (%)	Halogen (as Cl)	Loss On Drying at 110°C	PACKAGE TYPE	Sulphur.	Viscosity	WASTE STATE	Water Content by K.F.(w/w)	pH	
19	2dd209c33a			05-04-24 08:29:00	06-Apr-2024 00.04	Any process or distillation residue (36.1)	SOLID	ANY PROCESS OR DISTILATION RESIDUE.	9960.000	1.59	3980	NOT APPLICABLE	6.37	5.90	DRUMS	0.59	NFF	SOLID		1.59	
20	9fae981504			05-04-24 14:41:51	06-Apr-2024 00.04	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS WASTE	4310.000	1.10	2777	NOT APPLICABLE	31.54	74.55	DRUMS	0.41	FF	OLW	14.78	2.58	
21	122eb7dc88			06-04-24 12:20:45	07-Apr-2024 00.09	Any process or distillation residue (36.1)	ORGANIC LIQUID	ANY PROCESS OR DISTILLATION.	7630.000	0.52	5105	NOT APPLICABLE	25.61	84.93	DRUMS	0.81	FF	OLW	8.71	2.64	
22	96128828a5			06-04-24 13:07:00	07-Apr-2024 00.09	Process Residue and wastes (28.1)	ORGANIC LIQUID	PORCESS WASTE.	1175.000	0.66	4931	NOT APPLICABLE	2.81	91.86	DRUMS	0.58	FF	OLW	6.32	8.64	
23	62a9d221a5			06-04-24 17:17:14	07-Apr-2024 08.22	Process wastes or residues (29.1)	SOLID	PROCESS WASTE	3350.000	1.08	3872	NOT APPLICABLE	1.21	2.15	BAGS	0.46	NFF	SOLID		7.20	
24	cf813a1748			07-04-24 08:42:34	08-Apr-2024 10.00	Distillation residues (20.3)	ORGANIC LIQUID	DISTILLATION RESIDUES.	10575.000	1.10	2766	NOT APPLICABLE	4.32	78.27	DRUMS	0.98	FF	OLW	18.89	5.17	
25	839501ce51			07-04-24 09:12:35	08-Apr-2024 09.58	Any process or distillation residue (36.1)	SEMI-SOLID	ANY PROCESS OR DISTILATION RESIDUE.	6650.000	1.40	3348	NOT APPLICABLE	15.59	49.57	DRUMS	0.59	NFF	SEMI-SOLID		1.70	
26	74959e6c99			08-04-24 10:36:02	08-Apr-2024 22.02	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	26940.000	0.92	3316	NOT APPLICABLE	3.78	85.77	TANKER	4.56	FF	OLW	14.70	4.48	
27	6be85d6fa6			08-04-24 14:05:31	08-Apr-2024 22.04	Spent catalysts (29.5)	SOLID	SPENT CATALYSTS.	5720.000	5.24	4042	NOT APPLICABLE	5.20	4.19	BAGS	0.96	NFF	SOLID		2.96	

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28	ccddb9812c			08-04-24 19:43:33	08-Apr-2024 22.08	Any process or distillation residue (36.1)	SOLID	ANY PROCESS WASTE.	12450.000	35.43	871	NOT APPLICABLE	29.94	13.69	BAGS	0.56	NFF	SOLID		3.58	
29	dc0688021d			09-04-24 08:28:32	10-Apr-2024 04.12	Process wastes or residues (29.1)	AQUEOUS	PROCESS RESIDUES	23130.000	6.22	1065	NOT APPLICABLE	10.25	82.73	TANKER	0.59	FF	AQUEOUS	60.72	12.56	
30	4bbd29c138			09-04-24 12:43:16	10-Apr-2024 08.32	Wastes or residues containing oil (5.2)	SOLID	RESIDUES WASTE.	1200.000	1.23	3838	NOT APPLICABLE	1.64	1.96	BAGS	0.38	NFF	SOLID		4.10	
31	76fb4ef35c			09-04-24 13:36:59	10-Apr-2024 08.34	Process Residue and wastes (28.1)	SOLID	PROCESS WASTE.	2440.000	19.63	2091	NOT APPLICABLE	12.40	8.88	BAGS	3.21	NFF	SOLID		5.80	
32	eddc9c2a3e			09-04-24 20:35:39	10-Apr-2024 07.45	Process wastes or residues (29.1)	SOLID	INC WASTE.	9520.000	8.16	3279	NOT APPLICABLE	2.68	13.57	BAGS	0.81	NFF	SOLID		7.40	
33	5de5626492			10-04-24 07:16:48	11-Apr-2024 00.48	Any process or distillation residue (36.1)	SEMI-SOLID	ANY PROCESS OR DISTILLATION.	9210.000	1.33	3519	NOT APPLICABLE	18.91	52.68	DRUMS	0.89	NFF	SEMI-SOLID		8.59	
34	5b56f6d585			10-04-24 09:12:15	11-Apr-2024 00.50	Spent solvents (20.2)	SOLID	SPENT SOLVENTS.	7760.000	20.31	832	NOT APPLICABLE	3.07	10.61	DRUMS	0.56	NFF	SOLID		8.96	
35	295cea4024			10-04-24 14:03:29	11-Apr-2024 00.49	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SEMI-SOLID	PROCESS WASTE.	4750.000	15.19	883	NOT APPLICABLE	1.51	54.61	DRUMS	0.85	NFF	SEMI-SOLID		7.40	
36	de0497017d			11-04-24 18:39:51	12-Apr-2024 08.36	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes (33.1)	SOLID	CONTAMINATED WASTE..	1910.000	4.22	3845	NOT APPLICABLE	1.35	3.19	BAGS	0.48	NFF	SOLID		6.95	



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37	2c4b150d83			11-04-24 18:52:12	11-Apr-2024 23.45	Distillation residues (20.3)	ORGANIC LIQUID	DISTILLATION WASTE.	7450.000	1.40	4398	NOT APPLICABLE	10.40	84.51	DRUMS	0.93	FF	OLW	8.21	4.85	
38	857e8e3e6a			12-04-24 08:01:48	12-Apr-2024 22.14	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	21070.000	1.16	3335	NOT APPLICABLE	7.05	81.86	TANKER	1.10	FF	OLW	16.89	2.80	
39	af1372304f			12-04-24 09:43:09	13-Apr-2024 09.02	Any process or distillation residue (36.1)	SEMI-SOLID	DISTILATION RESIDUE	11290.000	1.22	4494	NOT APPLICABLE	10.75	51.31	DRUMS	0.77	NFF	SEMI-SOLID		3.95	
40	960dc8697a			12-04-24 11:31:01	12-Apr-2024 22.18	Process wastes or residues (29.1)	SOLID	PROCESS RESIDUES..	90.000	4.96	3810	NOT APPLICABLE	1.85	3.90	BAGS	0.56	NFF	SOLID		7.10	
41	08e4395976			12-04-24 14:41:48	12-Apr-2024 22.23	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	1070.000	1.29	3566	NOT APPLICABLE	1.77	1.85	BAGS	0.59	NFF	SOLID		8.50	
42	483ccc97b0			12-04-24 16:35:22	12-Apr-2024 22.27	Wastes or residues (not made with vegetable or animal materials) (23.1)	SOLID	SPARKLER FILTER	1870.000	1.39	3707	NOT APPLICABLE	1.51	2.59	BAGS	0.52	NFF	SOLID		8.40	
43	82953fc7e0			13-04-24 05:22:35	14-Apr-2024 08.31	Wastes or residues containing oil (5.2)	SOLID	CONTAMINATED WASTE	2610.000	1.30	3829	NOT APPLICABLE	1.19	2.79	BAGS	0.45	NFF	SOLID		8.10	
44	6307f348f1			13-04-24 12:55:46	14-Apr-2024 01.37	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	1090.000	1.17	4029	NOT APPLICABLE	1.23	3.23	BAGS	0.40	NFF	SOLID		6.35	
45	dd545bb715			13-04-24 18:57:41	14-Apr-2024 01.41	Spent solvents (28.6)	ORGANIC LIQUID	SPENT SOLVENTS	9730.000	1.20	4256	NOT APPLICABLE	16.22	83.81	DRUMS	0.68	FF	OLW	5.26	10.32	

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46	ca4dc2ddf6			14-04-24 16:59:58	15-Apr-2024 17.07	Distillation residues (20.3)	SEMI-SOLID	DISTILLATION RESIDUES	8230.000	1.29	4841	NOT APPLICABLE	11.54	53.32	DRUMS	0.86	NFF	SEMI-SOLID		4.21	
47	fee1fb25c9			15-04-24 09:21:57	16-Apr-2024 10.12	Off specification products (28.4)	SEMI-SOLID	OFF SPECIFICATION PRODUCTS	2500.000	1.53	4644	NOT APPLICABLE	1.01	52.20	DRUMS	0.30	NFF	SEMI-SOLID		4.35	
48	d1308584eb			16-04-24 19:10:27	17-Apr-2024 09.01	Process wastes or residues (29.1)	SEMI-SOLID	PROCESS WASTE.	8410.000	1.26	4641	NOT APPLICABLE	4.79	56.90	DRUMS	1.05	NFF	SEMI-SOLID		3.50	
49	43a2565368			16-04-24 19:25:11	17-Apr-2024 01.01	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	2110.000	1.29	854	NOT APPLICABLE	1.20	1.85	BAGS	0.48	NFF	SOLID		4.50	
50	520a12d0a1			17-04-24 08:07:20	18-Apr-2024 02.02	Any process or distillation residue (36.1)	SEMI-SOLID	DISTILLATION RESIDUES	10190.000	1.90	3576	NOT APPLICABLE	26.28	50.42	DRUMS	0.59	NFF	SEMI-SOLID		2.78	
51	b0f843f11d			17-04-24 09:26:29	18-Apr-2024 08.23	Process wastes or residues (29.1)	SOLID	PROCESS WASTE.	1350.000	1.48	4618	NOT APPLICABLE	1.17	1.55	BAGS	0.39	NFF	SOLID		8.5	
52	aa684c3025			17-04-24 13:43:08	18-Apr-2024 08.32	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	4270.000	4.22	4379	NOT APPLICABLE	3.34	14.08	DRUMS	0.80	NFF	SOLID		4.10	
53	781da7180f			17-04-24 16:56:48	18-Apr-2024 02.08	Process wastes, residues and sludges (21.1)	SOLID	PROCESS WASTE.	988.000	1.21	4092	NOT APPLICABLE	1.27	2.36	BAGS	0.40	NFF	SOLID		7.30	
54	611db78c6b			18-04-24 13:50:21	19-Apr-2024 02.59	Process Residue and wastes (28.1)	SEMI-SOLID	PROCESS RESIDUES AND WASTE.	2130.000	1.38	3698	NOT APPLICABLE	1.21	52.18	DRUMS	0.89	NFF	SEMI-SOLID		9.56	

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55	7323f17c6e			18-04-24 18:46:52	19-Apr-2024 03.03	Process waste sludge/residue s containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	820.000	1.36	4123	NOT APPLICABLE	0.98	4.04	BAGS	0.45	NFF	SOLID		5.25	
56	aebddd3441			19-04-24 08:49:16	20-Apr-2024 08.32	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	1910.000	38.97	667	NOT APPLICABLE	2.00	3.68	BAGS	0.49	NFF	SOLID		4.50	
57	4003ac8423			19-04-24 17:57:04	20-Apr-2024 10.02	Wastes or residues (not made with vegetable or animal materials) (23.1)	SOLID	SPARKLER FILTER	2520.000	31.91	1330	NOT APPLICABLE	1.71	11.26	BAGS	0.58	NFF	SOLID		8.5	
58	1e700b9ab2			19-04-24 18:55:27	20-Apr-2024 08.34	Date-expired products (28.5)	SOLID	DATE EXPIRED PRODUCTS.	3380.000	4.13	3528	NOT APPLICABLE	1.51	2.20	BAGS	0.61	NFF	SOLID		8.20	
59	d5cefc0e62			19-04-24 19:38:49	21-Apr-2024 08.27	Process wastes or residues (29.1)	AQUEOUS	PROCESS RESIDUES	24570.000	4.32	1102	NOT APPLICABLE	11.51	83.49	TANKER	0.58	FF	AQUEOUS	59.07	12.75	
60	f4b8456e5f			20-04-24 07:19:27	22-Apr-2024 01.15	Process wastes or residues (29.1)	SOLID	PROCESS WASTE	10970.000	6.18	3078	NOT APPLICABLE	5.44	2.68	BAGS	0.85	NFF	SOLID		2.74	
61	fa9d16470d			20-04-24 09:08:52	21-Apr-2024 08.14	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes (33.1)	SOLID	CONTAMINATED COTTON WASTE.3	595.000	1.29	3947	NOT APPLICABLE	1.69	2.61	BAGS	0.19	NFF	SOLID		8.5	
62	fe62eb19ad			20-04-24 09:27:06	21-Apr-2024 09.15	Process Residue and wastes (28.1)	SEMI-SOLID	PROCESS RESIDUES AND WASTE.	1935.000	1.15	5198	NOT APPLICABLE	2.13	53.30	DRUMS	0.49	NFF	SEMI-SOLID		10.89	
63	442fcd36ef			20-04-24 09:35:41	22-Apr-2024 09.33	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	34480.000	1.81	2529	NOT APPLICABLE	3.75	81.79	TANKER	1.43	FF	OLW	18.61	2.37	

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64	6796cbf5f6			20-04-24 16:53:48	21-Apr-2024 08.25	Process waste sludge/residue s containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	1290.000	1.18	3880	NOT APPLICABLE	1.16	2.18	BAGS	0.36	NFF	SOLID		5.45	
65	ea59336be2			20-04-24 18:18:39	21-Apr-2024 08.32	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	1780.000	40.32	746	NOT APPLICABLE	1.20	2.31	BAGS	0.38	NFF	SOLID		8.30	
66	16e765e8c0			21-04-24 08:13:23	22-Apr-2024 01.13	Any process or distillation residue (36.1)	SEMI-SOLID	ANY PROCESS OR DISTILLATION.	9450.000	1.59	3430	NOT APPLICABLE	17.09	53.36	DRUMS	1.01	NFF	SEMI-SOLID		4.19	
67	0057c828ff			21-04-24 08:26:05	22-Apr-2024 01.11	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	28590.000	3.22	2704	NOT APPLICABLE	3.62	82.15	TANKER	0.89	FF	OLW	51.78	8.65	
68	ecd5b8b71f			22-04-24 15:16:36	22-Apr-2024 23.56	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	27650.000	1.65	2619	NOT APPLICABLE	3.60	92.66	TANKER	0.63	FF	OLW	48.88	5.07	
69	13e16ec832			22-04-24 17:57:10	22-Apr-2024 23.59	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	800.000	39.64	821	NOT APPLICABLE	1.29	4.18	BAGS	0.39	NFF	SOLID		6.85	
70	2fa04c4eaf			22-04-24 19:26:57	23-Apr-2024 00.02	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	2320.000	40.91	710	NOT APPLICABLE	1.19	3.93	BAGS	0.42	NFF	SOLID		6.15	
71	5defe01df6			23-04-24 06:55:49	24-Apr-2024 00.42	Any process or distillation residue (36.1)	SEMI-SOLID	ANY PROCESS OR DISTILLATION.	10480.000	0.48	6782	NOT APPLICABLE	44.89	48.93	DRUMS	1.19	NFF	SEMI-SOLID		3.50	
72	9ba9abcfa7			23-04-24 09:31:17	24-Apr-2024 00.45	Distillation residues (20.3)	ORGANIC LIQUID	DISTILLATION RESIDUES.	10365.000	0.87	3793	NOT APPLICABLE	3.80	88.24	DRUMS	0.59	FF	OLW	13.89	4.06	

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73	69ed8f206c			23-04-24 09:37:11	24-Apr-2024 08.32	Any process or distillation residue (36.1)	ORGANIC LIQUID	DISTILLATION RESIDUES.	5640.000	1.05	3531	NOT APPLICABLE	2.30	91.77	DRUMS	0.79	FF	OLW	0.10	1.08	
74	85076cd1c6			24-04-24 10:19:41	25-Apr-2024 00.10	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	33250.000	0.92	2732	NOT APPLICABLE	4.81	85.77	TANKER	1.54	FF	OLW	27.18	2.88	
75	010e92a222			24-04-24 17:01:51	25-Apr-2024 00.17	Wastes or residues (not made with vegetable or animal materials) (23.1)	SOLID	WASTES OR RESIDUES.	1950.000	5.24	3653	NOT APPLICABLE	1.47	4.19	BAGS	0.45	NFF	SOLID		7.55	
76	bd90ec6c79			24-04-24 17:37:51	25-Apr-2024 00.13	Any process or distillation residue (36.1)	SEMI-SOLID	ANY PROCESS WASTE.	10360.000	1.41	5311	NOT APPLICABLE	37.54	50.18	DRUMS	0.61	NFF	SEMI-SOLID		5.45	
77	01f937d71a			25-04-24 07:34:07	25-Apr-2024 23.51	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	32490.000	1.16	2550	NOT APPLICABLE	4.39	84.53	TANKER	1.25	FF	OLW	23.89	3.40	
78	d4e83c2408			25-04-24 08:42:35	26-Apr-2024 09.06	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SEMI-SOLID	PROCESS WASTE	7650.000	1.89	3681	NOT APPLICABLE	23.88	47.03	DRUMS	0.68	NFF	SEMI-SOLID		3.19	
79	39d581d0d1			25-04-24 08:56:39	25-Apr-2024 23.51	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	1710.000	40.96	701	NOT APPLICABLE	1.59	2.05	BAGS	0.39	NFF	SOLID		8.50	
80	57a1390235			25-04-24 09:14:05	25-Apr-2024 23.51	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	1520.000	34.22	886	NOT APPLICABLE	1.72	3.19	BAGS	0.39	NFF	SOLID		8.50	
81	0b03b983a3			25-04-24 09:37:33	25-Apr-2024 23.53	Sludge from wet scrubbers (37.1)	AQUEOUS	INCINERATION WASTE.	20080.000	3.78	376	NOT APPLICABLE	1.86	84.83	TANKER	0.26	FF	AQUEOUS	77.29	8.63	

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82	5589ae9f77			25-04-24 18:17:01	25-Apr-2024 23.55	Distillation residues (20.3)	ORGANIC LIQUID	DISTILLATION RESIDUES	9660.000	1.20	5845	NOT APPLICABLE	2.66	83.81	DRUMS	0.56	FF	OLW	13.56	7.49	
83	a8c1c5e392			25-04-24 18:29:40	26-Apr-2024 08.27	Off specification products (28.4)	ORGANIC LIQUID	SPECIFICATION PRODUCTS	6700.000	0.66	2773	NOT APPLICABLE	1.55	91.86	DRUMS	0.38	FF	OLW	33.56	7.50	
84	104552b385			26-04-24 08:02:11	27-Apr-2024 00.17	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	28610.000	0.92	3715	NOT APPLICABLE	3.30	71.65	TANKER	4.18	FF	OLW	19.94	4.12	
85	bdb849a277			26-04-24 09:24:14	27-Apr-2024 08.30	Process wastes or residues (29.1)	SOLID	CONTAMINATED WASTE LINERS.	2280.000	1.08	3757	NOT APPLICABLE	1.46	2.15	BAGS	0.42	NFF	SOLID		8.5	
86	baf1d4ecd0			26-04-24 16:09:26	27-Apr-2024 00.18	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	1760.000	40.93	704	NOT APPLICABLE	1.32	2.16	BAGS	0.41	NFF	SOLID		5.14	
87	8d59d8e2ce			26-04-24 16:24:17	27-Apr-2024 00.19	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	1910.000	38.30	679	NOT APPLICABLE	1.29	2.90	BAGS	0.43	NFF	SOLID		5.43	
88	b4ee2834da			26-04-24 16:55:12	27-Apr-2024 00.21	Any process or distillation residue (36.1)	SOLID	DISTILLATION RESIDUES	4850.000	2.10	2616	NOT APPLICABLE	9.03	8.50	BAGS	0.85	NFF	SOLID		6.95	
89	d4120f26e5			27-04-24 08:45:46	27-Apr-2024 23.24	Any process or distillation residue (36.1)	SOLID	ANY PROCESS OR DISTILLATION RESIDUE.	10330.000	28.85	1004	NOT APPLICABLE	1.99	11.48	DRUMS	3.96	NFF	SOLID		2.89	
90	540020b1ad			27-04-24 09:00:32	28-Apr-2024 10.32	Any process or distillation residue (36.1)	SEMI-SOLID	ANY PROCESS OR DISTILLATION.	5280.000	1.06	4001	NOT APPLICABLE	22.21	51.43	DRUMS	0.89	NFF	SEMI-SOLID		3.19	

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91	55ec9dbede			27-04-24 15:21:35	27-Apr-2024 23.23	Process wastes or residues (29.1)	AQUEOUS	PROCESS WASTE	25390.000	3.20	1273	NOT APPLICABLE	11.57	78.96	TANKER	0.61	FF	AQUEOUS	58.59	12.28	
92	3773fb2021			28-04-24 08:11:42	28-Apr-2024 23.18	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	1220.000	39.68	808	NOT APPLICABLE	1.46	3.79	BAGS	0.41	NFF	SOLID		8.40	
93	f29ee91073			28-04-24 08:23:39	29-Apr-2024 11.06	Distillation residues (20.3)	ORGANIC LIQUID	DISTILLATION RESIDUES.	10230.000	0.73	4889	NOT APPLICABLE	5.86	82.63	DRUMS	4.28	FF	OLW	5.45	5.20	
94	56784334bf			28-04-24 13:21:14	29-Apr-2024 10.01	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS WASTE	9060.000	0.57	5248	NOT APPLICABLE	41.42	85.13	DRUMS	0.68	FF	OLW	3.89	0.76	
95	aa782fc110			29-04-24 09:05:41	29-Apr-2024 23.16	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	29220.000	3.22	2582	NOT APPLICABLE	4.16	82.15	TANKER	0.89	FF	OLW	47.90	9.60	
96	fb4e7d2e74			29-04-24 17:48:58	30-Apr-2024 09.25	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS WASTE	5330.000	0.87	5301	NOT APPLICABLE	42.80	88.24	DRUMS	0.72	FF	OLW	4.59	4.21	
97	8eadeceb61d			29-04-24 18:01:17	30-Apr-2024 10.48	Any process or distillation residue (36.1)	SEMI-SOLID	ANY PROCESS WASTE.	12030.000	1.89	4260	NOT APPLICABLE	11.46	63.12	DRUMS	0.82	NFF	SEMI-SOLID		4.61	
98	0c8b9f3b97			29-04-24 18:08:42	29-Apr-2024 23.19	Any process or distillation residue (36.1)	SOLID	ANY PROCESS WASTE.	3380.000	2.10	3709	NOT APPLICABLE	1.71	8.50	DRUMS	0.65	NFF	SOLID		7.49	
99	2da362799f			29-04-24 18:25:03	29-Apr-2024 23.16	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	1830.000	40.93	826	NOT APPLICABLE	1.61	3.93	BAGS	0.43	NFF	SOLID		5.21	

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100	83394fff3b			29-04-24 18:28:05	29-Apr-2024 23.17	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	1670.000	38.30	626	NOT APPLICABLE	1.37	2.90	BAGS	0.38	NFF	SOLID		4.65	
101	2a9a7c2623			30-04-24 07:59:43	30-Apr-2024 23.03	Any process or distillation residue (36.1)	SEMI-SOLID	ANY PROCESS OR DISTILLATION RESIDUE.	7700.000	1.38	4094	NOT APPLICABLE	17.92	52.81	DRUMS	0.88	NFF	SEMI-SOLID		2.86	
102	c7b6264d98			30-04-24 10:21:31	30-Apr-2024 23.00	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	22090.000	1.08	2723	NOT APPLICABLE	1.40	86.31	TANKER	0.24	FF	OLW	4.11	9.94	
103	af51f5b13c			30-04-24 10:33:33	30-Apr-2024 23.03	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	32860.000	1.20	4169	NOT APPLICABLE	1.17	85.58	TANKER	7.48	FF	OLW	3.71	2.22	
104	4dc0c06ea7			30-04-24 11:16:07	30-Apr-2024 23.03	Distillation residues (20.3)	SEMI-SOLID	DISTILLATION WASTE.	9840.000	1.79	3132	NOT APPLICABLE	2.72	53.57	DRUMS	0.46	NFF	SEMI-SOLID		2.29	
105	2c57feb096			30-04-24 16:33:02	01-May-2024 08.42	Process Residue and wastes (28.1)	SOLID	RUBBER WASTE.	650.000	2.61	3685	NOT APPLICABLE	1.25	2.31	BAGS	0.37	NFF	SOLID		8.30	
106	5c5d5a68ab			01-05-24 08:24:19	02-May-2024 02.01	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	2780.000	1.26	654	NOT APPLICABLE	1.31	4.95	BAGS	0.39	NFF	SOLID		8.50	
107	1fdeb7bbe2			01-05-24 08:27:08	02-May-2024 02.05	Any process or distillation residue (36.1)	SEMI-SOLID	ANY PROCESS WASTE.	10650.000	1.13	3699	NOT APPLICABLE	35.35	45.74	DRUMS	0.48	NFF	SEMI-SOLID		3.79	
108	8a91581757			01-05-24 08:50:27	02-May-2024 02.03	Distillation residues (20.3)	SEMI-SOLID	DISTILLATION WASTE.	12960.000	1.28	2572	NOT APPLICABLE	25.05	48.11	DRUMS	0.39	NFF	SEMI-SOLID		2.59	



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109	82f22c40ac			01-05-24 15:42:59	02-May-2024 02.08	Process Residue and wastes (28.1)	SEMI-SOLID	PROCESS RESIDUES AND WASTE.	2065.000	1.39	3633	NOT APPLICABLE	2.70	41.96	DRUMS	3.10	NFF	SEMI-SOLID		10.32	
110	41e2426a2a			01-05-24 16:45:02	02-May-2024 02.12	Any process or distillation residue (36.1)	SOLID	ANY PROCESS WASTE.	9410.000	4.22	4382	NOT APPLICABLE	18.32	14.08	BAGS	0.59	NFF	SOLID		9.47	
111	6ec645c71f			01-05-24 17:00:24	03-May-2024 13.06	Distillation residues (20.3)	ORGANIC LIQUID	DISTILLATION RESIDUES	8290.000	1.20	4050	NOT APPLICABLE	2.54	83.81	DRUMS	0.91	FF	OLW	7.46	4.75	
112	17e33a56bb			01-05-24 18:24:33	02-May-2024 02.14	Process wastes or residues (29.1)	SOLID	SOLID WASTE.	980.000	1.21	3859	NOT APPLICABLE	1.06	2.36	BAGS	0.52	NFF	SOLID		4.90	
113	9985e7c529			02-05-24 09:27:03	03-May-2024 00.34	Any process or distillation residue (36.1)	SEMI-SOLID	ANY PROCESS WASTE.	9010.000	1.22	4208	NOT APPLICABLE	29.49	53.35	DRUMS	0.89	NFF	SEMI-SOLID		8.31	
114	299229a517			02-05-24 12:10:44	03-May-2024 00.37	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	2240.000	38.30	580	NOT APPLICABLE	2.09	2.82	BAGS	0.19	NFF	SOLID		8.50	
115	7ec3a694f5			02-05-24 14:06:08	03-May-2024 00.38	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	1400.000	40.96	790	NOT APPLICABLE	1.20	2.05	BAGS	0.40	NFF	SOLID		8.30	
116	0caf7ca1fb			02-05-24 18:43:54	03-May-2024 00.40	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	1900.000	40.93	845	NOT APPLICABLE	1.25	2.16	BAGS	0.32	NFF	SOLID		8.33	
117	d242748564			03-05-24 06:30:58	04-May-2024 02.00	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	850.000	1.26	3669	NOT APPLICABLE	1.51	1.89	BAGS	0.48	NFF	SOLID		5.10	

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118	20255a8593			03-05-24 09:08:38	04-May-2024 02.05	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	24370.000	0.86	3497	NOT APPLICABLE	1.77	81.74	TANKER	8.85	FF	OLW	2.70	0.80	
119	a66bfd3eae			03-05-24 14:23:06	04-May-2024 03.16	Process wastes or residues (29.1)	AQUEOUS	PROCESS WASTE	17390.000	2.79	587	NOT APPLICABLE	7.35	85.19	TANKER	1.19	FF	AQUEOUS	59.10	11.83	
120	6051fbcf25			03-05-24 15:50:05	04-May-2024 08.26	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes (33.1)	SOLID	COTTON WASTE	1220.000	1.08	3890	NOT APPLICABLE	1.01	2.18	BAGS	0.44	NFF	SOLID		4.90	
121	45f0423e8d			03-05-24 19:43:04	04-May-2024 03.19	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	1920.000	40.93	835	NOT APPLICABLE	1.10	2.16	BAGS	0.30	NFF	SOLID		8.43	
122	527ef28420			04-05-24 10:05:48	04-May-2024 23.57	Any process or distillation residue (36.1)	AQUEOUS	PROCESS RESIDUE	1640.000	4.79	639	NOT APPLICABLE	2.07	84.32	DRUMS	0.46	FF	AQUEOUS	69.03	2.16	
123	6ca51ed2e9			04-05-24 14:27:28	04-May-2024 23.57	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	1060.000	1.61	3951	NOT APPLICABLE	1.13	4.28	BAGS	0.40	NFF	SOLID		5.10	
124	d06fb3c6ee			05-05-24 08:42:23	06-May-2024 00.05	Wastes or residues containing oil (5.2)	SOLID	COTTON WASTE.	4110.000	2.08	3465	NOT APPLICABLE	1.28	4.81	BAGS	0.27	NFF	SOLID		8.5	
125	7faa5a6959			05-05-24 10:20:00	06-May-2024 00.06	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	28990.000	1.31	3451	NOT APPLICABLE	2.58	84.40	TANKER	5.50	FF	OLW	14.96	5.38	
126	6619937872			05-05-24 10:32:12	06-May-2024 12.31	Distillation residues (20.3)	SEMI-SOLID	DISTILLATION RESIDUES	8500.000	1.24	3606	NOT APPLICABLE	1.95	85.23	DRUMS	0.96	NFF	SEMI-SOLID		2.89	

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127	e84658db8c			05-05-24 11:07:16	06-May-2024 00.07	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	24590.000	1.82	2623	NOT APPLICABLE	1.63	84.08	TANKER	0.39	FF	OLW	39.89	11.24	
128	56901bd82d			06-05-24 18:14:53	06-May-2024 23.12	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	1650.000	41.29	926	NOT APPLICABLE	1.08	2.61	BAGS	0.35	NFF	SOLID		7.65	
129	c4bb9b12f9			06-05-24 18:45:40	06-May-2024 23.12	Wastes or residues containing oil (5.2)	SOLID	CONTAMINATED BAGS.	2210.000	2.80	3722	NOT APPLICABLE	3.18	19.56	BAGS	0.49	NFF	SOLID		7.21	
130	396909b641			07-05-24 07:07:20	07-May-2024 23.34	Any process or distillation residue (36.1)	SOLID	ANY PROCESS WASTE.	10920.000	2.10	5316	NOT APPLICABLE	2.49	8.50	DRUMS	0.89	NFF	SOLID		1.89	
131	54e54634fa			07-05-24 07:45:34	08-May-2024 17.57	Any process or distillation residue (36.1)	ORGANIC LIQUID	ANY PROCESS OR DISTILLATION.	4680.000	1.13	3715	NOT APPLICABLE	39.47	83.79	DRUMS	1.06	FF	OLW	3.89	2.79	
132	dd276e3535			07-05-24 09:02:17	07-May-2024 23.34	Distillation residues (20.3)	ORGANIC LIQUID	DISTILLATION RESIDUES.	10350.000	1.13	4723	NOT APPLICABLE	1.93	83.79	DRUMS	2.79	FF	OLW	7.96	4.83	
133	6b7d1378c9			07-05-24 09:37:44	08-May-2024 08.30	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	3670.000	3.50	3274	NOT APPLICABLE	2.34	15.69	DRUMS	0.47	NFF	SOLID		7.89	
134	60efc12887			07-05-24 11:19:12	07-May-2024 23.36	Any process or distillation residue (36.1)	SEMI-SOLID	ANY PROCESS OR DISTILLATION.	8820.000	1.18	3870	NOT APPLICABLE	19.24	56.17	DRUMS	0.97	NFF	SEMI-SOLID		3.79	
135	d4f18cd23d			07-05-24 13:49:25	08-May-2024 08.42	Any process or distillation residue (36.1)	SEMI-SOLID	ANY PROCESS OR DISTILLATION.	11250.000	3.78	3939	NOT APPLICABLE	14.15	84.83	DRUMS	0.86	NFF	SEMI-SOLID		4.69	

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136	51fc4c02d4			07-05-24 17:37:21	08-May-2024 08.32	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	1950.000	40.96	821	NOT APPLICABLE	1.32	2.05	BAGS	0.51	NFF	SOLID		4.65	
137	53d26cebd4			08-05-24 09:14:53	09-May-2024 06.15	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	27380.000	1.16	2729	NOT APPLICABLE	1.89	84.40	TANKER	0.19	FF	OLW	60.39	12.47	
138	d325609399			08-05-24 16:22:41	10-May-2024 09.06	Process wastes or residues (29.1)	AQUEOUS	PROCESS WASTE	22770.000	3.78	1398	NOT APPLICABLE	18.21	84.83	TANKER	0.23	FF	AQUEOUS	62.08	11.23	
139	06362b6e81			08-05-24 18:01:53	09-May-2024 06.15	Any process or distillation residue (36.1)	SEMI-SOLID	ANY PROCESS OR DISTILLATION.	11400.000	1.26	5536	NOT APPLICABLE	26.90	56.90	DRUMS	0.45	NFF	SEMI-SOLID		7.81	
140	f3b8b8c381			08-05-24 18:31:02	09-May-2024 06.17	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SEMI-SOLID	PROCESS WASTE	11680.000	2.96	4275	NOT APPLICABLE	25.67	58.18	DRUMS	0.95	NFF	SEMI-SOLID		4.80	
141	ed04a7654c			09-05-24 07:09:20	10-May-2024 10.33	Process wastes or residues (29.1)	SEMI-SOLID	PROCESS WASTE.	10420.000	1.22	4679	NOT APPLICABLE	17.12	53.35	DRUMS	0.86	NFF	SEMI-SOLID		3.14	
142	c034afde96			09-05-24 08:42:31	10-May-2024 03.13	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	27870.000	1.13	4386	NOT APPLICABLE	1.65	83.79	TANKER	7.81	FF	OLW	3.71	1.22	
143	a6628ffb11			09-05-24 08:51:55	10-May-2024 03.13	Any process or distillation residue (36.1)	SEMI-SOLID	DISTILLATION RESIDUES	10250.000	1.59	2662	NOT APPLICABLE	20.64	53.36	DRUMS	0.46	NFF	SEMI-SOLID		2.86	
144	51a085bab5			09-05-24 14:49:24	10-May-2024 03.13	Wastes or residues (not made with vegetable or animal materials) (23.1)	SOLID	SPARKLER FILTER	2970.000	2.61	3467	NOT APPLICABLE	1.49	2.31	BAGS	1.30	NFF	SOLID		7.45	

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145	fb6b956b5f			09-05-24 15:45:42	10-May-2024 09.50	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	36550.000	0.92	4316	NOT APPLICABLE	1.52	85.77	TANKER	7.81	FF	OLW	2.50	0.82	
146	88c39855ba			09-05-24 16:06:02	10-May-2024 03.13	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	1080.000	1.18	3596	NOT APPLICABLE	1.27	2.18	BAGS	0.60	NFF	SOLID		4.45	
147	9fb8375ad5			09-05-24 17:32:59	10-May-2024 03.17	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	2650.000	40.93	796	NOT APPLICABLE	1.39	2.16	BAGS	0.38	NFF	SOLID		8.30	
148	91c391a9be			09-05-24 18:53:03	10-May-2024 06.06	Distillation residues (20.3)	SOLID	DISTILLATION RESIDUES.	5310.000	28.86	1019	NOT APPLICABLE	3.05	11.48	DRUMS	6.12	NFF	SOLID		8.50	
149	c5bb21f44a			11-05-24 09:25:00	12-May-2024 08.26	Empty barrels/containers/liners contaminated with hazardous chemicals/wastes (33.3)	SOLID	PAPER BAGS CONTAMINATED.	500.000	1.08	3369	NOT APPLICABLE	1.25	2.18	BAGS	0.56	NFF	SOLID		5.85	
150	d16319c8d2			11-05-24 10:59:59	12-May-2024 00.34	Distillation residues (20.3)	SEMI-SOLID	DISITLLATION WASTE.	3980.000	1.18	4841	NOT APPLICABLE	2.18	56.17	DRUMS	0.35	NFF	SEMI-SOLID		6.9	
151	028eaf94e9			11-05-24 15:48:34	12-May-2024 00.34	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	1050.000	1.26	3625	NOT APPLICABLE	1.26	1.89	BAGS	0.45	NFF	SOLID		4.90	
152	6e1cd3eda0			11-05-24 18:14:05	12-May-2024 00.35	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	13540.000	38.30	820	NOT APPLICABLE	1.23	2.82	BAGS	0.42	NFF	SOLID		5.80	
153	387d7448ba			12-05-24 07:06:42	12-May-2024 22.56	Distillation residues (20.3)	SEMI-SOLID	DISTILLATION WASTE.	13540.000	1.43	3876	NOT APPLICABLE	18.76	58.86	DRUMS	0.45	NFF	SEMI-SOLID		2.35	

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154	3ed8bf9576			12-05-24 08:53:29	12-May-2024 22.56	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	31610.000	1.03	5240	NOT APPLICABLE	23.94	79.35	TANKER	0.72	FF	OLW	12.42	1.32	
155	66bda6d131			12-05-24 16:48:08	13-May-2024 08.33	Process wastes or residues (29.1)	AQUEOUS	PROCESS WASTE	24280.000	4.79	870	NOT APPLICABLE	8.65	81.73	TANKER	0.37	FF	AQUEOUS	57.68	12.02	
156	671169048a			13-05-24 13:43:01	13-May-2024 23.38	Spent solvents (20.2)	SEMI-SOLID	SPENT SOLVENT.	4070.000	8.53	863	NOT APPLICABLE	0.86	53.30	DRUMS	3.55	NFF	SEMI-SOLID		2.39	
157	22016ed5da			14-05-24 06:57:06	15-May-2024 00.15	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	ORGANIC LIQUID	PROCESS WASTE.	8630.000	1.08	4434	NOT APPLICABLE	22.89	86.31	DRUMS	1.13	FF	OLW	7.84	9.27	
158	8aeaca6cd5			14-05-24 08:30:41	15-May-2024 00.15	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	1870.000	38.30	569	NOT APPLICABLE	0.42	2.82	BAGS	0.19	NFF	SOLID		8.52	
159	5724219c43			14-05-24 10:27:48	15-May-2024 08.31	Wastes or residues containing oil (5.2)	SOLID	CONTAMINATED COTTON WASTE.	415.000	1.08	3650	NOT APPLICABLE	0.80	2.18	BAGS	0.14	NFF	SOLID		8.58	
160	79b5b4c5e7			14-05-24 10:44:07	15-May-2024 00.15	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	35690.000	1.20	2618	NOT APPLICABLE	3.83	85.58	TANKER	1.59	FF	OLW	22.80	0.87	
161	9f990c11bd			14-05-24 15:17:02	15-May-2024 00.21	Distillation residues (20.3)	ORGANIC LIQUID	DISTILLATION RESIDUES.	10150.000	1.19	4688	NOT APPLICABLE	1.77	83.71	DRUMS	0.57	FF	OLW	6.87	4.84	
162	e8ecd970aa			14-05-24 19:34:02	15-May-2024 08.29	Wastes or residues (not made with vegetable or animal materials) (23.1)	SOLID	WASTE RESIDUES.	5780.000	6.33	1431	NOT APPLICABLE	1.07	5.80	BAGS	0.56	NFF	SOLID		7.63	

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163	43ccb4c1b9			14-05-24 20:27:57	15-May-2024 00.21	Sludge from treatment of waste water arising out of cleaning / disposal of barrels / containers (34.2)	SOLID	ETP WASTE	14580.000	6.06	1673	NOT APPLICABLE	1.35	2.59	BAGS	0.43	NFF	SOLID		8.28	
164	12c5f7f853			15-05-24 10:45:28	16-May-2024 01.49	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	31320.000	1.81	4354	NOT APPLICABLE	1.24	81.79	TANKER	8.34	FF	OLW	3.59	0.85	
165	ffc90bf8f5			15-05-24 17:37:09	16-May-2024 01.53	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	23150.000	0.92	3894	NOT APPLICABLE	1.46	85.77	TANKER	8.59	FF	OLW	4.75	2.30	
166	a6d7cf9cf0			15-05-24 17:46:23	16-May-2024 01.51	Process waste sludge/residue s containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	1500.000	6.18	3875	NOT APPLICABLE	1.67	2.68	DRUMS	5.78	NFF	SOLID		4.27	
167	f5e018ab47			15-05-24 21:22:39	16-May-2024 08.38	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	1740.000	38.30	886	NOT APPLICABLE	1.18	2.82	BAGS	0.35	NFF	SOLID		3.85	
168	cb0486969b			16-05-24 06:28:32	17-May-2024 11.09	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	2330.000	40.32	805	NOT APPLICABLE	1.38	2.31	BAGS	0.46	NFF	SOLID		8.20	
169	99ee741576			16-05-24 09:22:23	17-May-2024 02.14	Process waste sludge/residue s containing acid, toxic metals, organic compounds (26.1)	SEMI-SOLID	PROCESS WASTE	10210.000	1.28	2062	NOT APPLICABLE	6.97	48.11	DRUMS	1.57	NFF	SEMI-SOLID		0.98	
170	b25a4a8e5f			16-05-24 09:28:42	17-May-2024 02.12	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	26600.000	3.22	2803	NOT APPLICABLE	1.69	82.15	TANKER	0.084	FF	OLW	45.14	12.10	
171	e024e20d03			16-05-24 13:11:34	17-May-2024 08.33	Process wastes or residues (29.1)	AQUEOUS	PROCESS WASTE	24420.000	4.79	1193	NOT APPLICABLE	8.19	84.32	TANKER	0.52	FF	AQUEOUS	55.70	12.70	

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172	72ab8f72ac			16-05-24 17:03:25	17-May-2024 02.17	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	23330.000	1.13	4011	NOT APPLICABLE	1.39	83.79	TANKER	7.95	FF	OLW	3.28	0.40	
173	14969953e0			17-05-24 08:04:50	18-May-2024 01.06	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SEMI-SOLID	PROCESS WASTE.	12506.000	1.15	2494	NOT APPLICABLE	12.27	53.30	DRUMS	3.84	NFF	SEMI-SOLID		1.98	
174	a31a285e2d			17-05-24 11:57:03	18-May-2024 09.36	Process wastes or residues (29.1)	SOLID	INCINERATION WASTE..	3170.000	3.50	2963	NOT APPLICABLE	1.24	15.69	BAGS	0.45	NFF	SOLID		7.96	
175	6a0e1e4907			17-05-24 13:33:28	18-May-2024 08.33	Spent carbon or filter medium (36.2)	SOLID	CHARCOAL WASTE	7310.000	2.10	1712	NOT APPLICABLE	1.19	8.50	BAGS	0.31	NFF	SOLID		8.75	
176	75e3d7e057			17-05-24 14:57:00	18-May-2024 01.09	Distillation residues (20.3)	ORGANIC LIQUID	DISTILLATION RESIDUES.	10150.000	1.08	3660	NOT APPLICABLE	1.39	86.31	DRUMS	2.27	FF	OLW	8.75	5.28	
177	0041b2713b			17-05-24 15:02:45	18-May-2024 01.11	Wastes or residues (not made with vegetable or animal materials) (23.1)	SOLID	WASTES OR RESIDUE.	1690.000	4.22	3141	NOT APPLICABLE	0.95	14.08	BAGS	0.76	NFF	SOLID		8.50	
178	ab3daa42d3			17-05-24 18:07:52	18-May-2024 01.13	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	2090.000	40.93	854	NOT APPLICABLE	1.17	2.16	BAGS	0.45	NFF	SOLID		8.45	
179	49d336a8d2			17-05-24 18:34:03	18-May-2024 01.16	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	2170.000	38.30	874	NOT APPLICABLE	1.41	2.82	BAGS	0.41	NFF	SOLID		6.70	
180	85b71e3e6f			19-05-24 07:03:34	19-May-2024 20.06	Any process or distillation residue (36.1)	SOLID	ANY PROCESS.	11980.000	1.59	4305	NOT APPLICABLE	3.64	5.90	DRUMS	0.39	NFF	SOLID		2.08	



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181	32e8ce7fbb			19-05-24 07:22:17	19-May-2024 20.08	Any process or distillation residue (36.1)	SEMI-SOLID	ANY PROCESS OR DISTILATION RESIDUE.	7310.000	1.33	3274	NOT APPLICABLE	30.68	52.68	DRUMS	8.74	NFF	SEMI-SOLID		2.27	
182	a260a16dd7			19-05-24 17:34:40	20-May-2024 10.19	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	LINER BAGS.	3240.000	4.22	3757	NOT APPLICABLE	1.25	3.19	BAGS	0.38	NFF	SOLID		8.50	
183	f6abe756ed			20-05-24 17:23:44	21-May-2024 02.09	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	2850.000	40.96	758	NOT APPLICABLE	1.10	2.05	BAGS	0.42	NFF	SOLID		5.05	
184	3ff9fdaeb3			20-05-24 17:38:35	21-May-2024 02.11	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	900.000	1.18	3672	NOT APPLICABLE	1.49	3.11	BAGS	0.52	NFF	SOLID		4.95	
185	53a7674016			20-05-24 21:19:39	21-May-2024 06.59	Wastes or residues containing oil (5.2)	SOLID	WASTE RESIDUE.	4900.000	1.29	3741	NOT APPLICABLE	1.76	1.85	BAGS	0.61	NFF	SOLID		7.65	
186	fa16b6499c			21-05-24 08:28:39	22-May-2024 01.15	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SEMI-SOLID	PROCESS WASTE	10170.000	1.08	4128	NOT APPLICABLE	20.67	51.80	DRUMS	0.63	NFF	SEMI-SOLID		4.93	
187	8834b34a9b			21-05-24 08:35:53	22-May-2024 00.49	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	2060.000	35.12	666	NOT APPLICABLE	1.14	2.70	BAGS	0.34	NFF	SOLID		5.41	
188	ab4f550f46			21-05-24 09:55:30	22-May-2024 00.52	Any process or distillation residue (36.1)	SOLID	ANY PROCESS WASTE.	8870.000	28.09	1112	NOT APPLICABLE	23.66	19.67	BAGS	0.85	NFF	SOLID		5.28	
189	f63d81ca0e			21-05-24 14:32:20	22-May-2024 01.18	Spent carbon or filter medium (36.2)	SOLID	SPENT CARBON.	355.000	1.81	3764	NOT APPLICABLE	1.09	3.66	BAGS	0.58	NFF	SOLID		4.15	

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190	a17a707134			21-05-24 15:06:56	22-May-2024 01.20	Wastes or residues (not made with vegetable or animal materials) (23.1)	SOLID	WASTES OR RESIDUES.	1890.000	2.41	3855	NOT APPLICABLE	1.34	3.96	BAGS	0.48	NFF	SOLID		8.50	
191	389c899379			21-05-24 16:46:37	22-May-2024 01.22	Distillation residues (20.3)	SEMI-SOLID	DISTILLATION RESIDUES	11730.000	1.26	3622	NOT APPLICABLE	1.22	58.72	DRUMS	0.58	NFF	SEMI-SOLID		8.54	
192	af05e0c16f			21-05-24 18:45:45	22-May-2024 01.26	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	3630.000	2.10	3989	NOT APPLICABLE	1.52	8.52	DRUMS	0.58	NFF	SOLID		3.45	
193	fa654c3721			21-05-24 18:55:30	22-May-2024 10.52	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	2040.000	40.93	821	NOT APPLICABLE	1.18	2.16	BAGS	0.30	NFF	SOLID		4.85	
194	8d7866e27f			22-05-24 07:54:53	23-May-2024 00.30	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	33180.000	1.81	2658	NOT APPLICABLE	3.70	81.79	TANKER	4.07	FF	OLW	51.39	4.65	
195	d153c8efe3			22-05-24 18:39:07	23-May-2024 00.32	Distillation residues (20.3)	SEMI-SOLID	DISTILLATION WASTE.	14830.000	1.15	4205	NOT APPLICABLE	20.24	53.30	DRUMS	0.68	NFF	SEMI-SOLID		3.80	
196	4c5f1175c06			23-05-24 08:01:28	23-May-2024 23.07	Process wastes or residues (29.1)	SOLID	INCINERATION WASTE	4330.000	1.08	3164	NOT APPLICABLE	1.33	3.10	BAGS	0.39	NFF	SOLID		8.5	
197	ae43647eb6			23-05-24 08:58:50	23-May-2024 23.09	Spent solvents (20.2)	SOLID	SPENT SOLVENTS.	6080.000	5.80	755	NOT APPLICABLE	6.99	8.33	DRUMS	1.79	NFF	SOLID		9.89	
198	e0588b3f51			23-05-24 09:25:26	23-May-2024 23.08	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	2720.000	36.10	500	NOT APPLICABLE	1.20	3.05	BAGS	0.19	NFF	SOLID		8.5	

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199	bac4243f6a			23-05-24 19:16:21	23-May-2024 23.10	Process waste sludge/residue s containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	1100.000	0.98	3453	NOT APPLICABLE	1.19	2.98	BAGS	0.45	NFF	SOLID		8.43	
200	8148b5fd8b			24-05-24 07:48:13	24-May-2024 23.15	Empty barrels/containers/liners contaminated with hazardous chemicals/wastes (33.3)	SOLID	PAPER BAGS CONTAMINATED.	670.000	1.18	4048	NOT APPLICABLE	1.60	3.11	BAGS	0.44	NFF	SOLID		8.5	
201	a0b9baab83			24-05-24 15:28:18	24-May-2024 23.15	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	34980.000	3.22	2667	NOT APPLICABLE	4.89	82.15	TANKER	1.15	FF	OLW	22.11	2.92	
202	c0ed59485f			24-05-24 19:14:31	25-May-2024 08.19	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes (33.1)	SOLID	CONTAMINATED SOIL	80.000	22.30	1102	NOT APPLICABLE	1.17	18.96	DRUMS	0.95	NFF	SOLID		8.65	
203	95eb642e23			24-05-24 19:38:05	24-May-2024 23.16	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	2270.000	38.30	796	NOT APPLICABLE	1.08	2.82	BAGS	0.44	NFF	SOLID		5.75	
204	e92022ad6b			25-05-24 08:57:01	25-May-2024 22.49	Process waste sludge/residue s containing acid, toxic metals, organic compounds (26.1)	SEMI-SOLID	PROCESS WASTE	11500.000	3.35	1718	NOT APPLICABLE	5.44	53.30	DRUMS	1.18	NFF	SEMI-SOLID		1.78	
205	cd6ad35fb9			25-05-24 10:57:46	25-May-2024 22.50	Process waste sludge/residue s containing acid, toxic metals, organic compounds (26.1)	SEMI-SOLID	PROCESS WASTE.	10050.000	1.78	3237	NOT APPLICABLE	17.07	52.74	DRUMS	0.78	NFF	SEMI-SOLID		3.92	
206	5677d1a55d			25-05-24 12:23:06	26-May-2024 11.37	Contaminated aromatic, aliphatic or naphthenic solvents may or may not be fit for reuse. (20.1)	AQUEOUS	CONTAMINATED WATER	830.000	4.61	462	NOT APPLICABLE	1.52	84.70	DRUMS	0.75	FF	AQUEOUS	80.70	6.98	
207	e66ba9173b			25-05-24 17:23:06	25-May-2024 22.52	Process wastes or residues (29.1)	SOLID	PROCESS WASTE	7860.000	5.55	2820	NOT APPLICABLE	5.63	2.72	BAGS	0.78	NFF	SOLID		3.68	

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208	f0eba73804			26-05-24 07:24:16	27-May-2024 00.54	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	26950.000	1.19	2552	NOT APPLICABLE	3.81	83.71	TANKER	0.06	FF	OLW	54.11	5.81	
209	7c8a720dbc			26-05-24 09:51:50	27-May-2024 08.50	Concentration or evaporation residues (37.3)	AQUEOUS	EVAPORATION RESIDUES.	7345.000	4.61	1563	NOT APPLICABLE	1.31	84.70	DRUMS	7.34	FF	AQUEOUS	48.19	7.15	
210	d6f16e88fb			26-05-24 11:18:38	27-May-2024 00.54	Wastes or residues containing oil (5.2)	SOLID	WASTES OR RESIDUE.	2020.000	1.18	3854	NOT APPLICABLE	1.20	3.11	BAGS	0.31	NFF	SOLID		7.92	
211	d52e4dee7a			26-05-24 17:48:35	27-May-2024 08.53	Spent catalysts (29.5)	SOLID	SPENT CATALYSTS.	5780.000	1.81	3694	NOT APPLICABLE	4.12	2.59	BAGS	0.54	NFF	SOLID		3.06	
212	ada24a6505			27-05-24 08:04:52	27-May-2024 22.50	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	22650.000	1.19	2760	NOT APPLICABLE	1.36	83.71	TANKER	0.21	FF	OLW	44.23	11.68	
213	139520ed36			27-05-24 14:24:50	28-May-2024 08.34	Contaminated cotton rags or other cleaning materials (33.4)	SOLID	FILTER CONTAMINATED WITH OIL	2850.000	1.10	3658	NOT APPLICABLE	1.44	4.34	BAGS	0.36	NFF	SOLID		7.85	
214	fb3c17989e			27-05-24 16:37:30	27-May-2024 22.52	Distillation residues (20.3)	ORGANIC LIQUID	DISTILLATION WASTE.	10410.000	1.10	3824	NOT APPLICABLE	24.53	74.55	DRUMS	0.85	FF	OLW	48.87	3.80	
215	827b7afaad			27-05-24 19:40:23	28-May-2024 22.49	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS WASTE	10200.000	1.32	4946	NOT APPLICABLE	22.00	84.40	DRUMS	0.82	FF	OLW	9.15	1.92	
216	70bd3d3efc			27-05-24 19:43:54	27-May-2024 22.54	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	1490.000	40.96	898	NOT APPLICABLE	1.25	2.05	BAGS	0.38	NFF	SOLID		4.54	

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Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Ash Content	Calorific value	Carbon (%)	Halogen (as Cl)	Loss On Drying at 110°C	PACKAGE TYPE	Sulphur.	Viscosity	WASTE STATE	Water Content by K.F.(w/w)	pH	
217	21c8326048			27-05-24 20:10:14	27-May-2024 22.55	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	2680.000	38.97	659	NOT APPLICABLE	1.07	3.68	BAGS	0.65	NFF	SOLID		4.65	
218	86c07e06a3			28-05-24 07:21:05	28-May-2024 22.45	Process wastes or residues (29.1)	SOLID	PROCESS WASTE.	1050.000	2.41	4178	NOT APPLICABLE	1.33	7.58	BAGS	0.38	NFF	SOLID		8.5	
219	6219117e6d			28-05-24 07:58:23	28-May-2024 22.52	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	30350.000	1.14	2608	NOT APPLICABLE	4.39	83.79	TANKER	1.76	FF	OLW	27.15	2.46	
220	34ad6cae24			28-05-24 12:25:51	28-May-2024 22.54	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	26720.000	0.93	2800	NOT APPLICABLE	2.45	83.77	TANKER	1.08	FF	OLW	31.04	11.24	
221	43cb08c922			28-05-24 14:43:24	29-May-2024 09.57	Wastes or residues (not made with vegetable or animal materials) (23.1)	SOLID	SPARKLER FILTER	3150.000	2.61	3415	NOT APPLICABLE	2.60	2.31	BAGS	0.86	NFF	SOLID		8.86	
222	c2c770a971			29-05-24 07:20:08	30-May-2024 06.52	Process wastes or residues (29.1)	SOLID	PROCESS WASTE.	1150.000	1.32	3938	NOT APPLICABLE	1.10	2.60	BAGS	0.18	NFF	SOLID		6.28	
223	cf5e522021			29-05-24 08:29:22	30-May-2024 07.01	Any process or distillation residue (36.1)	SEMI-SOLID	ANY PROCESS WASTE.	10430.000	1.58	3890	NOT APPLICABLE	21.83	52.71	DRUMS	0.64	NFF	SEMI-SOLID		2.91	
224	09992a4fb4			29-05-24 08:33:46	30-May-2024 06.54	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	1840.000	40.41	833	NOT APPLICABLE	1.85	2.80	BAGS	0.38	NFF	SOLID		5.85	
225	041c30eccf			29-05-24 08:38:59	30-May-2024 06.57	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	2650.000	38.79	842	NOT APPLICABLE	1.70	2.51	BAGS	0.54	NFF	SOLID		5.73	

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226	e4f09e02d7			29-05-24 09:30:05	30-May-2024 06.59	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	140.000	1.17	3620	NOT APPLICABLE	1.61	2.13	BAGS	0.36	NFF	SOLID		7.82	
227	4bc4b2ceaa			29-05-24 14:32:00	30-May-2024 08.53	Process wastes or residues (29.1)	SEMI-SOLID	PROCESS WASTE	9310.000	1.09	5526	NOT APPLICABLE	12.61	54.05	DRUMS	0.85	NFF	SEMI-SOLID		4.55	
228	8d66a658a9			29-05-24 19:17:57	30-May-2024 07.03	Wastes or residues containing oil (5.2)	SOLID	COTTON WASTE	3650.000	1.84	3473	NOT APPLICABLE	1.17	3.71	DRUMS	0.30	NFF	SOLID		7.30	
229	9d086264ce			30-05-24 08:09:46	31-May-2024 08.26	Distillation residues (20.3)	SOLID	DISTILLATION RESIDUES.	7900.000	8.32	1175	NOT APPLICABLE	7.56	2.61	BAGS	1.31	NFF	SOLID		11.16	
230	f8ad71e6bd			30-05-24 18:14:30	31-May-2024 08.28	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	560.000	1.22	3818	NOT APPLICABLE	1.63	1.85	BAGS	0.43	NFF	SOLID		7.95	
231	eefba06ec6			30-05-24 18:19:32	31-May-2024 08.31	Spent solvents (28.6)	ORGANIC LIQUID	SPENT SOLVENTS	7060.000	1.30	4305	NOT APPLICABLE	9.06	82.76	DRUMS	0.40	FF	OLW	4.90	7.43	
232	99a0a0186e			30-05-24 19:25:26	31-May-2024 08.40	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS WASTE	7530.000	1.37	3990	NOT APPLICABLE	1.52	84.27	DRUMS	0.85	FF	OLW	6.04	2.90	
233	10f496aafc			31-05-24 08:33:02	31-May-2024 22.40	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SEMI-SOLID	PROCESS WASTE	8430.000	1.78	3893	NOT APPLICABLE	19.81	52.74	DRUMS	0.76	NFF	SEMI-SOLID		2.64	
234	00d837946d			31-05-24 08:40:10	31-May-2024 22.42	Any process or distillation residue (36.1)	SEMI-SOLID	ANY PROCESS OR DISTILLATION.	10730.000	1.14	5236	NOT APPLICABLE	28.10	53.34	DRUMS	0.81	NFF	SEMI-SOLID		5.98	

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235	08e4b2603e			31-05-24 19:35:15	31-May-2024 22.47	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	2020.000	36.10	847	NOT APPLICABLE	1.07	3.05	BAGS	0.28	NFF	SOLID		5.05	
236	a7c3244ee0			31-05-24 19:44:46	31-May-2024 22.45	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	3220.000	38.79	743	NOT APPLICABLE	1.41	2.51	BAGS	0.33	NFF	SOLID		4.95	
237	fc5729d71c			01-06-24 09:22:52	02-Jun-2024 08.06	Wastes or residues containing oil (5.2)	SOLID	COTTON WASTE.	2000.000	4.22	2617	NOT APPLICABLE	1.55	3.19	BAGS	0.35	NFF	SOLID		7.45	
238	9af4813dd8			01-06-24 18:49:26	02-Jun-2024 01.19	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SEMI-SOLID	PROCESS WASTE.	13010.000	1.41	3387	NOT APPLICABLE	21.19	50.18	DRUMS	0.79	NFF	SEMI-SOLID		3.25	
239	d7c69c22c4			01-06-24 19:49:45	02-Jun-2024 01.22	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	3610.000	40.96	835	NOT APPLICABLE	1.21	2.05	BAGS	0.38	NFF	SOLID		6.23	
240	2868bae0ec			02-06-24 07:34:22	02-Jun-2024 23.09	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	22120.000	0.96	3764	NOT APPLICABLE	1.49	91.47	TANKER	0.89	FF	OLW	10.90	5.24	
241	590765280b			02-06-24 07:51:45	02-Jun-2024 23.09	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	1150.000	1.60	3618	NOT APPLICABLE	1.67	1.53	BAGS	0.39	NFF	SOLID		8.50	
242	013c59d447			02-06-24 09:28:29	03-Jun-2024 08.51	Wastes or residues containing oil (5.2)	SOLID	LINER BAGS..	2250.000	1.29	4262	NOT APPLICABLE	1.50	1.97	BAGS	0.17	NFF	SOLID		8.50	
243	6cc4a9dca1			02-06-24 09:34:25	02-Jun-2024 23.12	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE SLUDGE RESIDUES.	11500.000	7.12	3632	NOT APPLICABLE	27.47	10.48	BAGS	0.17	NFF	SOLID		2.89	

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244	e3c763273b			02-06-24 16:16:22	03-Jun-2024 09.19	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	2340.000	39.68	791	NOT APPLICABLE	1.13	2.06	BAGS	0.33	NFF	SOLID		5.48	
245	f3d515a297			03-06-24 09:38:12	03-Jun-2024 22.52	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	31000.000	1.16	2566	NOT APPLICABLE	4.53	84.53	TANKER	2.89	FF	OLW	17.80	2.36	
246	6e789c17a2			03-06-24 11:00:59	03-Jun-2024 22.54	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	3020.000	40.96	837	NOT APPLICABLE	1.78	2.05	BAGS	0.37	NFF	SOLID		5.01	
247	39e24c904c			03-06-24 15:08:59	03-Jun-2024 23.01	Distillation residues (20.3)	ORGANIC LIQUID	DISTILLATION RESIDUES.	10465.000	0.88	4617	NOT APPLICABLE	5.38	85.19	DRUMS	4.85	FF	OLW	6.52	4.72	
248	d7e5eaf005			04-06-24 08:43:11	04-Jun-2024 23.55	Wastes or residues (not made with vegetable or animal materials) (23.1)	SEMI-SOLID	WASTE OR RESIDUES.	3745.000	0.97	5570	NOT APPLICABLE	1.77	43.83	DRUMS	0.49	NFF	SEMI-SOLID		3.50	
249	1ef7851444			04-06-24 09:00:12	05-Jun-2024 00.01	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	4110.000	4.69	5220	NOT APPLICABLE	1.89	11.57	DRUMS	0.15	NFF	SOLID		1.79	
250	71d886926b			04-06-24 10:50:05	05-Jun-2024 00.01	Any process or distillation residue (36.1)	ORGANIC LIQUID	DISTILLATION RESIDUES.	910.000	0.87	4849	NOT APPLICABLE	2.86	91.66	DRUMS	1.01	FF	OLW	0.39	3.19	
251	b5aea1ed45			04-06-24 14:43:39	05-Jun-2024 00.02	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	840.000	1.50	4499	NOT APPLICABLE	1.53	2.17	BAGS	0.39	NFF	SOLID		8.50	
252	983b397175			04-06-24 17:07:37	05-Jun-2024 00.26	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	2020.000	40.13	839	NOT APPLICABLE	1.62	2.64	BAGS	0.43	NFF	SOLID		4.90	



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253	80c96065cc			04-06-24 17:09:32	05-Jun-2024 00.06	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	2380.000	39.87	827	NOT APPLICABLE	1.50	2.56	BAGS	0.35	NFF	SOLID		4.15	
254	26555efb83			04-06-24 17:39:07	05-Jun-2024 00.07	Any process or distillation residue (36.1)	ORGANIC LIQUID	ANY PROCESS WASTE.	6620.000	0.86	4389	NOT APPLICABLE	34.25	91.25	DRUMS	3.45	FF	OLW	6.26	1.10	
255	d5e7995f6b			04-06-24 17:57:45	05-Jun-2024 00.08	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	1100.000	0.72	3857	NOT APPLICABLE	1.38	3.10	BAGS	0.43	NFF	SOLID		3.10	
256	e61df7a750			05-06-24 06:56:12	05-Jun-2024 23.06	Distillation residues (20.3)	SOLID	DISTILLATION RESIDUES.	7550.000	45.02	758	NOT APPLICABLE	2.20	19.00	DRUMS	0.83	NFF	SOLID		9.38	
257	f195cb05a0			05-06-24 21:22:42	05-Jun-2024 23.09	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	2910.000	40.14	867	NOT APPLICABLE	1.31	2.95	BAGS	0.43	NFF	SOLID		8.15	
258	55de15efdc			06-06-24 09:39:58	06-Jun-2024 23.07	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	1440.000	37.63	865	NOT APPLICABLE	1.26	2.78	BAGS	0.64	NFF	SOLID		6.85	
259	5639731a4d			07-06-24 08:06:46	08-Jun-2024 01.40	Process wastes or residues (29.1)	SOLID	INCINERATION WASTE	1760.000	1.22	4199	NOT APPLICABLE	1.62	2.19	BAGS	0.19	NFF	SOLID		3.19	
260	082fbe873e			07-06-24 10:07:32	08-Jun-2024 01.41	Process wastes, residues and sludges (21.1)	SOLID	PROCESS RESIDUES	9560.000	3.48	3866	NOT APPLICABLE	1.61	9.77	BAGS	0.63	NFF	SOLID		7.34	
261	95ab484cc3			07-06-24 14:36:20	08-Jun-2024 01.42	Wastes or residues containing oil (5.2)	SOLID	CONTAMINATED COTTON WASTE	1860.000	1.96	3960	NOT APPLICABLE	1.43	2.60	BAGS	0.53	NFF	SOLID		8.20	

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262	5e9a67e296			07-06-24 15:34:52	08-Jun-2024 01.42	Process wastes or residues (29.1)	SOLID	PROCESS WASTE.	1710.000	1.09	4115	NOT APPLICABLE	1.29	2.36	BAGS	0.43	NFF	SOLID		8.20	
263	c2b0c0580a			07-06-24 15:49:17	08-Jun-2024 01.43	Process wastes or residues (29.1)	SOLID	PROCESS WASTE.	1450.000	1.03	4156	NOT APPLICABLE	1.33	2.06	BAGS	0.38	NFF	SOLID		8.50	
264	6e070d2239			07-06-24 15:59:35	08-Jun-2024 01.44	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	3130.000	40.93	826	NOT APPLICABLE	1.11	2.79	BAGS	0.37	NFF	SOLID		8.40	
265	63037eeef			07-06-24 19:24:42	08-Jun-2024 01.44	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	2180.000	39.65	793	NOT APPLICABLE	1.17	2.82	BAGS	0.41	NFF	SOLID		8.29	
266	407c1e23b4			08-06-24 08:45:58	09-Jun-2024 00.45	Any process or distillation residue (36.1)	SOLID	ANY PROCESS WASTE.	7040.000	15.24	3041	NOT APPLICABLE	21.31	8.66	BAGS	0.56	NFF	SOLID		11.95	
267	1cf36a7a42			08-06-24 08:56:04	09-Jun-2024 00.45	Distillation residues (20.3)	ORGANIC LIQUID	DISTILLATION RESIDUES.	9895.000	0.76	4153	NOT APPLICABLE	1.66	91.63	DRUMS	3.58	FF	OLW	6.66	8.05	
268	09dee5dbba			08-06-24 09:06:54	09-Jun-2024 00.44	Any process or distillation residue (36.1)	SOLID	ANY PROCESS WASTE.	3130.000	24.57	1738	NOT APPLICABLE	1.24	11.48	DRUMS	1.64	NFF	SOLID		7.86	
269	665ca2dd97			08-06-24 11:21:38	09-Jun-2024 00.44	Any process or distillation residue (36.1)	SEMI-SOLID	ANY PROCESS WASTE.	10250.000	1.13	4017	NOT APPLICABLE	22.89	58.19	DRUMS	0.84	NFF	SEMI-SOLID		3.10	
270	62a5c4c9e4			08-06-24 18:51:19	09-Jun-2024 00.44	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	1610.000	39.16	835	NOT APPLICABLE	1.18	2.46	BAGS	0.46	NFF	SOLID		8.10	

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271	9f731f2a69			09-06-24 10:41:21	10-Jun-2024 00.02	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	4670.000	38.81	852	NOT APPLICABLE	1.22	2.71	BAGS	0.43	NFF	SOLID		4.25	
272	3161507791			09-06-24 10:55:13	10-Jun-2024 10.29	Process Residue and wastes (28.1)	SOLID	INCINERATOR WASTE.	2630.000	43.67	726	NOT APPLICABLE	4.01	8.18	BAGS	3.96	NFF	SOLID		3.73	
273	983883c8cd			09-06-24 12:22:37	10-Jun-2024 00.02	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	29630.000	1.77	2610	NOT APPLICABLE	4.45	83.19	TANKER	3.58	FF	OLW	41.70	2.18	
274	0426315629			10-06-24 14:39:32	10-Jun-2024 23.39	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	22430.000	1.13	2577	NOT APPLICABLE	1.75	92.08	TANKER	0.28	FF	OLW	4.38	12.50	
275	94f99ceb81			10-06-24 15:15:10	10-Jun-2024 23.40	Process wastes or residues (29.1)	SOLID	PROCESS WASTE.	1220.000	1.59	3947	NOT APPLICABLE	1.24	2.19	BAGS	0.35	NFF	SOLID		5.20	
276	5d16647a84			10-06-24 16:04:54	10-Jun-2024 23.40	Wastes or residues (not made with vegetable or animal materials) (23.1)	SOLID	SPARKLER FILTER	2680.000	1.06	3617	NOT APPLICABLE	1.15	2.86	BAGS	0.29	NFF	SOLID		7.65	
277	1420413b2d			10-06-24 18:37:51	12-Jun-2024 09.45	Insulation waste (Insulation)	SOLID	INSULATION WASTE	480.000	18.48	3504	NOT APPLICABLE	1.61	2.33	BAGS	0.48	NFF	SOLID		5.55	
278	cd22e6a94e			11-06-24 07:51:44	11-Jun-2024 22.56	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	3490.000	35.80	924	NOT APPLICABLE	1.21	3.10	BAGS	0.39	NFF	SOLID		6.56	
279	f2b117aeec			11-06-24 08:21:19	11-Jun-2024 22.58	Any process or distillation residue (36.1)	AQUEOUS	ANY PROCESS OR DISTILLATION.	7450.000	6.12	247	NOT APPLICABLE	1.64	82.36	DRUMS	0.38	FF	AQUEOUS	82.15	13.79	

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280	1672c60967			11-06-24 09:35:55	11-Jun-2024 22.57	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	2430.000	37.18	1010	NOT APPLICABLE	1.33	2.95	BAGS	0.65	NFF	SOLID		7.11	
281	3899f3debd			11-06-24 10:02:19	11-Jun-2024 22.58	Process wastes, residues and sludges (21.1)	SOLID	PROCESS WASTES.	4300.000	15.24	4059	NOT APPLICABLE	1.57	8.66	BAGS	0.45	NFF	SOLID		8.29	
282	966e2208ac			11-06-24 10:25:04	11-Jun-2024 22.59	Process Sludge (20.4)	SEMI-SOLID	PROCESS SLUDGE.	6520.000	1.13	4732	NOT APPLICABLE	21.02	58.19	DRUMS	0.43	NFF	SEMI-SOLID		2.70	
283	8e923c77ae			11-06-24 12:12:51	11-Jun-2024 23.00	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	3790.000	38.53	957	NOT APPLICABLE	1.13	2.08	BAGS	0.28	NFF	SOLID		4.19	
284	3ef571c138			12-06-24 08:29:37	13-Jun-2024 08.29	Off specification products (28.4)	SOLID	SPECIFICATION PRODUCTS	4350.000	38.40	1015	NOT APPLICABLE	1.07	2.71	BAGS	0.64	NFF	SOLID		7.10	
285	d7494bf0c7			12-06-24 11:19:38	13-Jun-2024 00.00	Organic residues (1.4)	SOLID	ORGANIC RESIDUE.	3320.000	1.21	5032	NOT APPLICABLE	1.87	12.80	BAGS	0.59	NFF	SOLID		2.54	
286	f0a899a754			12-06-24 14:46:20	13-Jun-2024 00.02	Process wastes or residues (29.1)	SOLID	PROCESS WASTE.	1260.000	1.61	3859	NOT APPLICABLE	1.26	2.13	BAGS	0.48	NFF	SOLID		7.50	
287	77e0dd5e62			13-06-24 07:31:54	14-Jun-2024 00.19	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	3470.000	39.68	773	NOT APPLICABLE	1.95	2.71	BAGS	0.15	NFF	SOLID		5.18	
288	a7494a2e8c			13-06-24 07:34:27	14-Jun-2024 00.22	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	3220.000	38.76	697	NOT APPLICABLE	1.64	2.51	BAGS	0.15	NFF	SOLID		5.69	

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289	b7d0df98e9			13-06-24 07:37:58	14-Jun-2024 00.24	Process wastes or residues (29.1)	SOLID	PROCESS WASTE.	1330.000	36.50	603	NOT APPLICABLE	1.68	2.22	BAGS	0.14	NFF	SOLID		3.89	
290	227aad1e53			13-06-24 09:01:16	14-Jun-2024 00.27	Distillation residues (20.3)	SEMI-SOLID	DISTILLATION RESIDUES.	6090.000	8.85	469	NOT APPLICABLE	2.78	53.66	DRUMS	1.89	NFF	SEMI-SOLID		8.98	
291	cec839a356			13-06-24 15:25:51	14-Jun-2024 08.39	Wastes or residues containing oil (5.2)	SOLID	INCINATOR WASTE	2280.000	1.40	3985	NOT APPLICABLE	1.24	2.38	BAGS	0.38	NFF	SOLID		4.25	
292	c35b1022e9			13-06-24 17:21:03	14-Jun-2024 00.31	Process wastes or residues (29.1)	SOLID	PROCESS WASTE.	1130.000	1.22	3784	NOT APPLICABLE	1.37	2.70	BAGS	0.43	NFF	SOLID		6.18	
293	5bf4781dc9			13-06-24 19:10:17	14-Jun-2024 08.43	Insulation waste (Insulation)	SOLID	INSULATION WASTE	1090.000	1.27	3877	NOT APPLICABLE	0.98	2.69	BAGS	0.41	NFF	SOLID		7.50	
294	113a091b8a			14-06-24 06:53:26	14-Jun-2024 22.56	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	33310.000	1.16	2722	NOT APPLICABLE	4.12	84.54	TANKER	2.69	FF	OLW	24.87	2.72	
295	223c798511			14-06-24 09:22:05	14-Jun-2024 22.58	Distillation residues (20.3)	ORGANIC LIQUID	DISTILLATION RESIDUES.	10145.000	0.88	4411	NOT APPLICABLE	3.78	85.19	DRUMS	1.28	FF	OLW	6.23	5.45	
296	35a0eb91bc			14-06-24 10:13:02	14-Jun-2024 23.00	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes (33.1)	SOLID	COTTON WASTE.	960.000	1.96	4029	NOT APPLICABLE	1.68	2.60	BAGS	0.48	NFF	SOLID		6.50	
297	f374f47257			14-06-24 17:00:12	15-Jun-2024 08.44	Process wastes or residues (29.1)	SOLID	PROCESS WASTE.	1230.000	1.50	3816	NOT APPLICABLE	1.31	2.17	BAGS	0.41	NFF	SOLID		6.93	

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298	25bd09644a			14-06-24 17:03:42	14-Jun-2024 23.02	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	4530.000	37.63	879	NOT APPLICABLE	1.22	2.78	BAGS	0.18	NFF	SOLID		4.95	
299	53307df22e			14-06-24 17:58:14	14-Jun-2024 23.04	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	2890.000	40.14	786	NOT APPLICABLE	1.07	2.95	BAGS	0.16	NFF	SOLID		5.10	
300	d86eb8a3ad			14-06-24 18:40:15	14-Jun-2024 23.06	Spent carbon (28.3)	SOLID	SPENT CARBON	1010.000	39.68	843	NOT APPLICABLE	1.29	2.06	BAGS	0.30	NFF	SOLID		7.15	
301	c0968d2a2a			15-06-24 07:16:35	16-Jun-2024 08.38	Date-expired products (28.5)	SOLID	DATE EXPIRED PRODUCTS.	3600.000	1.88	3792	NOT APPLICABLE	1.65	3.59	BAGS	0.36	NFF	SOLID		6.21	
302	4e63ae5b4a			15-06-24 07:41:27	16-Jun-2024 08.42	Process Residue and wastes (28.1)	SOLID	PROCESS RESIDUES	840.000	1.44	3654	NOT APPLICABLE	4.11	6.27	DRUMS	4.15	NFF	SOLID		2.72	
303	e020828d56			15-06-24 12:57:17	16-Jun-2024 08.44	Process wastes or residues (29.1)	SOLID	INCINRATION WASTE	2410.000	39.41	3358	NOT APPLICABLE	1.89	2.78	BAGS	0.61	NFF	SOLID		5.96	
304	29ac90c1cf			15-06-24 15:31:59	16-Jun-2024 08.47	Process Sludge (20.4)	SEMI-SOLID	PROCESS SLUDGE.	7050.000	1.31	4839	NOT APPLICABLE	12.67	53.34	DRUMS	0.65	NFF	SEMI-SOLID		7.75	
305	5e35a60a6c			16-06-24 09:49:09	17-Jun-2024 09.09	Distillation residues (20.3)	ORGANIC LIQUID	DISTILLATION RESIDUES.	10350.000	0.88	3057	NOT APPLICABLE	3.20	85.19	DRUMS	1.90	FF	OLW	17.19	6.72	
306	6a2b551551			16-06-24 10:46:44	16-Jun-2024 23.17	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	34510.000	1.13	2617	NOT APPLICABLE	4.09	92.08	TANKER	0.82	FF	OLW	29.89	2.97	

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307	2726837b09			16-06-24 12:50:50	17-Jun-2024 08.38	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	7660.000	37.63	846	NOT APPLICABLE	1.42	2.78	BAGS	0.38	NFF	SOLID		6.10	
308	f211ea3572			17-06-24 08:56:26	18-Jun-2024 01.51	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	5110.000	1.31	3818	NOT APPLICABLE	1.78	5.56	BAGS	0.98	NFF	SOLID		3.36	
309	bd73a7e32b			17-06-24 08:59:51	18-Jun-2024 01.48	Exhaust Air or Gas cleaning residue (35.1)	SOLID	GAS CLEANING RESIDUES.	8720.000	1.67	4655	NOT APPLICABLE	1.21	2.90	BAGS	0.56	NFF	SOLID		7.89	
310	a13181b270			17-06-24 13:31:53	18-Jun-2024 08.19	Date-expired products (28.5)	SOLID	DATE EXPIRED PRODUCTS	9060.000	39.55	837	NOT APPLICABLE	1.79	7.38	BAGS	0.89	NFF	SOLID		3.59	
311	0984149ba1			17-06-24 13:37:05	18-Jun-2024 08.15	Date-expired products (28.5)	SOLID	DATE EXPIRED PRODUCTS	13940.000	40.65	811	NOT APPLICABLE	1.62	7.38	BAGS	0.98	NFF	SOLID		3.19	
312	032f69ba28			17-06-24 14:51:33	18-Jun-2024 01.54	Process Residue and wastes (28.1)	SEMI-SOLID	PROCESS RESIDUES AND WASTE.	1720.000	1.61	3551	NOT APPLICABLE	2.03	53.74	DRUMS	1.19	NFF	SEMI-SOLID		12.89	
313	e5ebeadb75			18-06-24 08:14:02	19-Jun-2024 02.00	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	31470.000	1.14	2537	NOT APPLICABLE	4.54	83.79	TANKER	0.71	FF	OLW	38.17	3.26	
314	c28b041fdb			18-06-24 08:24:45	19-Jun-2024 01.58	Exhaust Air or Gas cleaning residue (35.1)	SOLID	GAS CLEANING RESIDUES.	14830.000	1.32	3724	NOT APPLICABLE	1.56	2.60	BAGS	0.24	NFF	SOLID		6.50	
315	5b7d9d2ea6			18-06-24 08:31:12	19-Jun-2024 02.04	Process wastes, residues and sludges (21.1)	SOLID	PROCESS WASTES.	2600.000	35.12	1603	NOT APPLICABLE	2.70	2.70	BAGS	1.17	NFF	SOLID		7.60	

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316	db0ebd291a			18-06-24 08:38:12	19-Jun-2024 08.19	Process wastes or residues (29.1)	SOLID	INC WASTE.	5210.000	1.18	4728	NOT APPLICABLE	1.34	3.11	BAGS	0.71	NFF	SOLID		8.86	
317	0ea08cc9c6			18-06-24 08:42:24	19-Jun-2024 02.06	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes (33.1)	SOLID	INCINERATION BAG.	2570.000	4.22	2839	NOT APPLICABLE	1.62	3.19	BAGS	0.46	NFF	SOLID		6.50	
318	b58f98e104			18-06-24 08:45:10	19-Jun-2024 02.16	Any process or distillation residue (36.1)	SOLID	DISTILLATION RESIDUES	7960.000	38.97	589	NOT APPLICABLE	1.89	3.68	BAGS	0.18	NFF	SOLID		7.65	
319	a02de6f4bd			18-06-24 08:58:47	19-Jun-2024 02.09	Process wastes or residues (29.1)	SOLID	INCINERATION WASTE	1790.000	1.18	3552	NOT APPLICABLE	1.43	2.16	BAGS	0.41	NFF	SOLID		8.50	
320	ce7186e4ea			18-06-24 15:24:29	19-Jun-2024 02.20	Wastes or residues (not made with vegetable or animal materials) (23.1)	SOLID	WASTES OR RESIDUES.	3520.000	2.61	3370	NOT APPLICABLE	1.31	2.31	BAGS	0.35	NFF	SOLID		7.75	
321	6c3158a50b			18-06-24 16:27:54	19-Jun-2024 02.23	Sludge from wet scrubbers (37.1)	AQUEOUS	SLUDGE FROM WET (INCINERATION)	20770.000	6.14	377	NOT APPLICABLE	1.20	82.37	TANKER	0.40	FF	AQUEOUS	76.22	8.50	
322	4800462de5			18-06-24 16:34:40	20-Jun-2024 09.40	Contaminated cotton rags or other cleaning materials (33.2)	SOLID	CONTAMINATED COTTON WASTE	6510.000	40.96	678	NOT APPLICABLE	1.61	2.05	BAGS	0.36	NFF	SOLID		8.5	
323	714a89eb27			18-06-24 16:38:55	20-Jun-2024 03.12	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	1080.000	1.08	4284	NOT APPLICABLE	1.81	3.10	BAGS	0.28	NFF	SOLID		6.54	
324	22cc33d348			19-06-24 07:51:17	20-Jun-2024 03.01	Spent chemicals (32.1)	ORGANIC LIQUID	SPENT CHEMICAL.	2110.000	1.08	5579	NOT APPLICABLE	24.22	86.31	DRUMS	0.24	FF	OLW	5.32	3.68	



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325	373a217673			19-06-24 07:55:13	20-Jun-2024 03.03	Wastes or residues containing oil (5.2)	SOLID	WASTES OR RESIDUES	1500.000	4.22	3746	NOT APPLICABLE	1.59	3.19	BAGS	0.28	NFF	SOLID		8.50	
326	24eebcc258			19-06-24 09:29:37	20-Jun-2024 03.07	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	3160.000	35.12	680	NOT APPLICABLE	1.51	2.70	BAGS	0.42	NFF	SOLID		5.50	
327	a7affa014a			19-06-24 09:32:42	20-Jun-2024 03.05	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes (33.1)	SOLID	COTTON WASTE	4430.000	1.18	3743	NOT APPLICABLE	1.47	3.11	BAGS	0.34	NFF	SOLID		5.50	
328	6b51d3c589			19-06-24 10:22:50	20-Jun-2024 03.10	Wastes or residues containing oil (5.2)	SOLID	CONTAMINATED WASTE	1390.000	2.41	4017	NOT APPLICABLE	1.67	3.96	BAGS	0.34	NFF	SOLID		6.50	
329	2340d35349			19-06-24 11:57:17	20-Jun-2024 03.14	Spent solvents (20.2)	SEMI-SOLID	SPENT SOLVENT.	5560.000	1.33	2632	NOT APPLICABLE	1.56	52.68	DRUMS	0.85	NFF	SEMI-SOLID		6.11	
330	ef34f4eb79			19-06-24 14:38:36	20-Jun-2024 03.16	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS WASTE	10430.000	3.22	5500	NOT APPLICABLE	17.61	82.15	DRUMS	0.98	FF	OLW	5.01	3.78	
331	26160fd6f8			19-06-24 15:46:46	20-Jun-2024 03.18	Process wastes or residues (29.1)	SOLID	PROCESS WASTE.	1370.000	1.22	3762	NOT APPLICABLE	1.38	1.85	BAGS	0.23	NFF	SOLID		8.36	
332	7d006b713f			19-06-24 16:15:48	20-Jun-2024 03.20	Date-expired products (28.5)	SOLID	DATE EXPIRED PRODUCTS.	2630.000	1.60	3343	NOT APPLICABLE	1.55	1.53	BAGS	0.54	NFF	SOLID		6.23	
333	61f33010ea			20-06-24 07:52:43	21-Jun-2024 02.57	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	33910.000	1.77	2743	NOT APPLICABLE	3.34	83.19	TANKER	0.42	FF	OLW	48.71	5.59	

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334	0bc0339a6c			20-06-24 08:17:08	21-Jun-2024 02.54	Wastes or residues (not made with vegetable or animal materials) (23.1)	SOLID	WASTES OR RESIDUES.	2070.000	1.59	4192	NOT APPLICABLE	1.37	2.19	BAGS	0.29	NFF	SOLID		8.54	
335	39bf7027ac			20-06-24 10:17:40	21-Jun-2024 03.00	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	220.000	1.61	4110	NOT APPLICABLE	1.26	2.13	BAGS	0.48	NFF	SOLID		8.20	
336	8bf5ceb19c			20-06-24 14:32:44	21-Jun-2024 08.08	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	310.000	1.40	3922	NOT APPLICABLE	1.13	2.38	BAGS	0.42	NFF	SOLID		5.82	
337	402cef79ff			20-06-24 16:24:34	22-Jun-2024 01.11	Any process or distillation residue (36.1)	SOLID	ANY PROCESS WASTE.	3500.000	1.10	4597	NOT APPLICABLE	1.64	4.34	DRUMS	0.93	NFF	SOLID		7.80	
338	e465b3b631			21-06-24 08:08:40	22-Jun-2024 00.55	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	24250.000	3.22	2669	NOT APPLICABLE	3.61	82.75	TANKER	0.76	FF	OLW	48.18	9.95	
339	b2900e534b			21-06-24 08:41:03	22-Jun-2024 00.57	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	2650.000	4.22	3799	NOT APPLICABLE	1.42	14.08	BAGS	0.54	NFF	SOLID		5.20	
340	aac2fe7e01			21-06-24 08:44:46	22-Jun-2024 01.00	Process wastes or residues (29.1)	SOLID	PROCESS WASTE.	1590.000	4.22	4129	NOT APPLICABLE	1.16	3.19	BAGS	0.48	NFF	SOLID		8.30	
341	ed16ab4707			21-06-24 08:52:41	22-Jun-2024 01.03	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	1720.000	38.30	770	NOT APPLICABLE	1.10	2.82	BAGS	0.42	NFF	SOLID		5.30	
342	b79fd5e801			21-06-24 09:05:43	22-Jun-2024 01.05	Distillation residues (20.3)	ORGANIC LIQUID	DISTILLATION WASTE.	10860.000	1.10	4320	NOT APPLICABLE	21.37	74.55	DRUMS	0.68	FF	OLW	4.38	1.37	

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343	8b66c26103			21-06-24 09:19:37	22-Jun-2024 01.09	Process Residue and wastes (28.1)	SOLID	RUBBER WASTE.	1505.000	2.41	3724	NOT APPLICABLE	1.32	7.58	BAGS	0.57	NFF	SOLID		8.30	
344	6ed187188c			21-06-24 13:13:58	22-Jun-2024 01.14	Chemical-containing residue arising from decontamination. (34.1)	AQUEOUS	CONTAINING RESIDUES	640.000	4.61	243	NOT APPLICABLE	1.42	84.70	DRUMS	0.71	FF	AQUEOUS	82.50	6.29	
345	c3820d5abb			21-06-24 15:29:49	22-Jun-2024 08.56	Spent solvents (20.2)	ORGANIC LIQUID	SPENT SOLVENTS.	8850.000	0.93	2631	NOT APPLICABLE	2.47	85.78	DRUMS	0.68	FF	OLW	27.68	7.50	
346	08f35ab61c			21-06-24 15:33:22	22-Jun-2024 01.16	Process wastes or residues (29.1)	SOLID	PROCESS WASTE.	1430.000	2.61	3821	NOT APPLICABLE	1.08	2.31	BAGS	0.29	NFF	SOLID		6.05	
347	5d4c6feda2			22-06-24 10:09:38	23-Jun-2024 02.35	Process wastes or residues (29.1)	SOLID	INCINERATION WASTE	1650.000	1.22	4090	NOT APPLICABLE	1.47	2.19	BAGS	0.19	NFF	SOLID		8.5	
348	21cfbfb2ff			22-06-24 10:20:50	23-Jun-2024 08.50	Insulation waste (Insulation)	SOLID	INSULATION WASTE	1600.000	37.63	678	NOT APPLICABLE	1.77	2.78	BAGS	0.59	NFF	SOLID		5.19	
349	a85b5aa7e1			22-06-24 11:41:56	26-Jun-2024 08.44	Process wastes, residues and sludges (21.1)	SOLID	PROCESS WASTES.	2440.000	2.41	3425	NOT APPLICABLE	1.22	3.96	BAGS	0.32	NFF	SOLID		8.18	
350	fc039c3e3f			23-06-24 07:40:51	24-Jun-2024 00.16	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	3170.000	38.84	930	NOT APPLICABLE	1.38	2.37	BAGS	0.36	NFF	SOLID		5.20	
351	7e5316ccfe			23-06-24 07:57:17	24-Jun-2024 00.23	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	29480.000	0.87	5151	NOT APPLICABLE	17.19	81.75	TANKER	0.09	FF	OLW	1.32	0.84	

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Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Ash Content	Calorific value	Carbon (%)	Halogen (as Cl)	Loss On Drying at 110°C	PACKAGE TYPE	Sulphur.	Viscosity	WASTE STATE	Water Content by K.F.(w/w)	pH	
352	3a527e714c			23-06-24 09:36:48	24-Jun-2024 00.21	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS RESIDUE.	27610.000	1.06	3227	NOT APPLICABLE	4.06	83.17	TANKER	5.40	FF	OLW	7.52	4.60	
353	ae57b8e094			23-06-24 09:40:03	24-Jun-2024 00.18	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	790.000	1.32	4252	NOT APPLICABLE	1.61	2.24	BAGS	0.45	NFF	SOLID		7.90	
354	b2bc51df44			23-06-24 14:18:13	24-Jun-2024 00.26	Empty barrels/containers/liners contaminated with hazardous chemicals/wastes (33.3)	SOLID	PLASTIC WASTE.	2710.000	1.36	3700	NOT APPLICABLE	1.54	2.20	BAGS	0.37	NFF	SOLID		8.15	
355	b90a2a3fc0			24-06-24 14:16:14	24-Jun-2024 23.06	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	750.000	1.22	3756	NOT APPLICABLE	1.44	2.19	BAGS	0.29	NFF	SOLID		8.50	
356	d0ff29fd0b			25-06-24 08:54:04	25-Jun-2024 23.38	Wastes or residues (not made with vegetable or animal materials) (23.1)	SOLID	WASTES OR RESIDUES.	2620.000	1.31	3885	NOT APPLICABLE	1.62	2.14	BAGS	0.18	NFF	SOLID		8.69	
357	416a63e0e1			25-06-24 08:57:53	25-Jun-2024 23.39	Wastes or residues (not made with vegetable or animal materials) (23.1)	SOLID	WASTES OR RESIDUES.	3470.000	1.37	3831	NOT APPLICABLE	1.21	2.71	BAGS	0.40	NFF	SOLID		7.78	
358	fa8b69ffd2			25-06-24 09:11:45	25-Jun-2024 23.42	Any process or distillation residue (36.1)	SEMI-SOLID	ANY PROCESS OR DISTILLATION.	9280.000	1.15	5146	NOT APPLICABLE	26.52	53.01	DRUMS	3.89	NFF	SEMI-SOLID		3.80	
359	d6b652927c			25-06-24 09:19:57	25-Jun-2024 23.43	Any process or distillation residue (36.1)	SEMI-SOLID	ANY PROCESS WASTE.	11190.000	1.41	3838	NOT APPLICABLE	35.37	51.73	DRUMS	3.19	NFF	SEMI-SOLID		7.39	
360	91e9c71d36			25-06-24 09:38:17	25-Jun-2024 23.40	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SEMI-SOLID	PROCESS WASTE	9440.000	1.71	3579	NOT APPLICABLE	29.77	53.55	DRUMS	1.10	NFF	SEMI-SOLID		2.19	

Receipt Date From: 01-APR-2024

Receipt Date To: 30-SEP-2024

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Ash Content	Calorific value	Carbon (%)	Halogen (as Cl)	Loss On Drying at 110°C	PACKAGE TYPE	Sulphur.	Viscosity	WASTE STATE	Water Content by K.F.(w/w)	pH	
361	d77e8434e5			25-06-24 10:00:36	26-Jun-2024 08.48	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	670.000	1.27	4130	NOT APPLICABLE	1.78	4.61	BAGS	0.17	NFF	SOLID		6.89	
362	4de3665488			25-06-24 10:44:03	26-Jun-2024 08.54	Wastes or residues containing oil (5.2)	SOLID	OIL CONTAMINATED WASTE.	750.000	1.61	3875	NOT APPLICABLE	2.53	2.82	BAGS	0.18	NFF	SOLID		3.19	
363	9531d8fb92			25-06-24 14:27:34	25-Jun-2024 23.44	Process wastes, residues and sludges (21.1)	SEMI-SOLID	PROCESS WASTES.	1075.000	2.79	2678	NOT APPLICABLE	34.46	52.85	DRUMS	0.45	NFF	SEMI-SOLID		9.32	
364	05531759ec			25-06-24 15:25:24	26-Jun-2024 23.45	Any process or distillation residue (36.1)	SEMI-SOLID	ANY PROCESS OR DISTILLATION.	5450.000	2.96	1155	NOT APPLICABLE	23.20	16.01	BAGS	0.65	NFF	SEMI-SOLID		6.20	
365	4772f5432d			26-06-24 08:41:03	27-Jun-2024 08.39	Empty barrels/containers/liners contaminated with hazardous chemicals/wastes (33.3)	SOLID	FRP WASTE	2320.000	2.61	4152	NOT APPLICABLE	2.29	2.31	BAGS	0.97	NFF	SOLID		6.89	
366	9fb7232e73			26-06-24 08:57:31	26-Jun-2024 23.47	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	3870.000	38.97	679	NOT APPLICABLE	2.62	3.68	BAGS	0.17	NFF	SOLID		6.01	
367	7f1002cf71			26-06-24 09:05:26	27-Jun-2024 08.42	Distillation residues (20.3)	SEMI-SOLID	DISTILLATION RESIDUES.	4850.000	8.85	823	NOT APPLICABLE	3.92	53.66	DRUMS	0.73	NFF	SEMI-SOLID		11.20	
368	bf17104a5a			26-06-24 10:20:51	26-Jun-2024 23.42	Process wastes or residues (29.1)	ORGANIC LIQUID	PROCESS WASTE	8670.000	0.88	4506	NOT APPLICABLE	36.83	85.19	DRUMS	1.19	FF	OLW	5.97	0.38	
369	eb522aad56			26-06-24 13:33:44	27-Jun-2024 08.48	Wastes or residues containing oil (5.2)	SOLID	CONTAMINATED COTTON WASTE	1270.000	15.24	2078	NOT APPLICABLE	2.04	2.78	BAGS	0.35	NFF	SOLID		7.89	

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FINGERPRINT ANALYSIS REPORT - INCINERATOR

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Ash Content	Calorific value	Carbon (%)	Halogen (as Cl)	Loss On Drying at 110°C	PACKAGE TYPE	Sulphur.	Viscosity	WASTE STATE	Water Content by K.F.(w/w)	pH	
370	cfe2e95f9f			27-06-24 07:12:33	27-Jun-2024 23.23	Distillation residues (20.3)	ORGANIC LIQUID	DISTILLATION RESIDUES.	10210.000	0.88	4246	NOT APPLICABLE	3.33	85.19	DRUMS	1.98	FF	OLW	10.19	4.93	
371	1a66d461ef			27-06-24 07:16:02	28-Jun-2024 10.24	Distillation residues (20.3)	ORGANIC LIQUID	DISTILLATION RESIDUES.	10510.000	1.08	3970	NOT PRESENT	3.78	86.31	DRUMS	2.98	FF	OLW	9.86	4.67	
372	7504ec6b55			27-06-24 09:11:32	27-Jun-2024 23.47	Process wastes or residues (29.1)	SOLID	PROCESS WASTE.	1160.000	4.22	4051	NOT APPLICABLE	1.64	3.19	BAGS	0.19	NFF	SOLID		8.71	
373	515701809a			27-06-24 09:17:55	28-Jun-2024 08.40	Date-expired products (28.5)	SOLID	DATE EXPIRED PRODUCTS.	4240.000	1.88	3669	NOT APPLICABLE	2.69	3.59	BAGS	0.39	NFF	SOLID		4.17	
374	b0dc0cafd4			27-06-24 10:35:26	27-Jun-2024 23.26	Off specification products (28.4)	SOLID	SPECIFICATION PRODUCTS	12940.000	1.44	1102	NOT APPLICABLE	3.04	6.27	BAGS	1.79	NFF	SOLID		2.98	
375	ee6aee52a9			27-06-24 10:50:03	27-Jun-2024 23.28	Insulation waste (Insulation)	SOLID	INSULATION WASTE	2150.000	37.64	653	NOT APPLICABLE	1.66	2.78	BAGS	0.19	NFF	SOLID		7.39	
376	964c5589d6			27-06-24 10:56:08	27-Jun-2024 23.29	Wastes or residues containing oil (5.2)	SOLID	OIL CONTAMINATED WASTE.	2470.000	4.22	3602	NOT APPLICABLE	1.64	3.19	BAGS	0.19	NFF	SOLID		6.79	
377	ec0521fc70			27-06-24 11:08:22	27-Jun-2024 23.49	Off specification products (28.4)	SOLID	COTTON WASTE	960.000	1.31	3669	NOT APPLICABLE	1.42	5.56	BAGS	0.19	NFF	SOLID		4.79	
378	7bc1259a8f			27-06-24 11:11:24	27-Jun-2024 23.28	Process Sludge (20.4)	SEMI-SOLID	PROCESS SLUDGE.	6750.000	1.61	1672	NOT APPLICABLE	2.0	53.74	DRUMS	2.79	NFF	SEMI-SOLID		8.98	

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FINGERPRINT ANALYSIS REPORT - INCINERATOR

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Ash Content	Calorific value	Carbon (%)	Halogen (as Cl)	Loss On Drying at 110°C	PACKAGE TYPE	Sulphur.	Viscosity	WASTE STATE	Water Content by K.F.(w/w)	pH	
379	e995169c93			27-06-24 15:06:25	27-Jun-2024 23.44	Process wastes or residues (29.1)	SOLID	PROCESS WASTE.	1470.000	1.08	3829	NOT APPLICABLE	1.64	3.10	BAGS	0.19	NFF	SOLID		8.89	
380	4a3a17e48d			28-06-24 07:22:07	28-Jun-2024 23.54	Spent carbon or filter medium (36.2)	SOLID	CHARCOAL WASTE	11740.000	4.22	1157	PRESENT	2.78	2.71	BAGS	3.98	NFF	SOLID		7.90	
381	4e05260f5f			28-06-24 07:42:35	28-Jun-2024 23.54	Process wastes or residues (29.1)	SOLID	INCINERATION WASTE	3840.000	1.82	3861	NOT APPLICABLE	1.72	2.83	BAGS	0.18	NFF	SOLID		4.19	
382	e6bd0f9b13			28-06-24 09:34:49	29-Jun-2024 08.34	Process wastes, residues and sludges (21.1)	SOLID	PROCESS RESIDUES	8570.000	2.97	4017	NOT APPLICABLE	1.79	3.19	BAGS	1.89	NFF	SOLID		5.25	
383	9de238dbd5			28-06-24 11:05:09	28-Jun-2024 23.55	Process Residue and wastes (28.1)	SEMI-SOLID	PROCESS RESIDUES AND WASTE.	1615.000	1.31	3958	NOT APPLICABLE	2.19	53.40	DRUMS	1.26	NFF	SEMI-SOLID		10.26	
384	1be2e68b42			28-06-24 14:18:46	29-Jun-2024 08.38	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	1380.000	1.61	3962	NOT APPLICABLE	1.65	2.69	BAGS	0.48	NFF	SOLID		8.5	
385	cebe7719f1			28-06-24 14:25:30	29-Jun-2024 08.42	Process wastes or residues (29.1)	SOLID	SOLID WASTE FOR INCINERATION	6330.000	1.32	3819	NOT APPLICABLE	1.35	2.24	BAGS	0.56	NFF	SOLID		8.5	
386	95aab3727e			29-06-24 08:43:46	29-Jun-2024 15.50	Wastes or residues (not made with vegetable or animal materials) (23.1)	SOLID	SPARKLER FILTER	3150.000	1.62	3841	NOT APPLICABLE	1.38	2.60	BAGS	0.32	NFF	SOLID		7.90	
387	d33570c794			29-06-24 09:43:54	29-Jun-2024 16.15	Empty barrels/containers/liners contaminated with hazardous chemicals/wastes (33.3)	SOLID	PLASTIC WASTE	2730.000	1.81	3955	NOT APPLICABLE	1.21	3.28	BAGS	0.38	NFF	SOLID		8.05	

Receipt Date From: 01-APR-2024

Receipt Date To: 30-SEP-2024

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Ash Content	Calorific value	Carbon (%)	Halogen (as Cl)	Loss On Drying at 110°C	PACKAGE TYPE	Sulphur.	Viscosity	WASTE STATE	Water Content by K.F.(w/w)	pH	
388	c23bc8d5a1			29-06-24 09:48:14	29-Jun-2024 16.17	Insulation waste (Insulation)	SOLID	INSULATION WASTE.	3740.000	38.95	862	NOT APPLICABLE	1.66	2.90	BAGS	0.23	NFF	SOLID		7.95	
389	40360b06b4			29-06-24 12:37:58	29-Jun-2024 17.43	Date-expired products (28.5)	SOLID	DATE EXPIRED PRODUCTS.	2820.000	1.61	3681	NOT APPLICABLE	1.45	1.80	BAGS	0.63	NFF	SOLID		8.20	





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## LABORATORY TESTING REPORT

Report No.: VE/W/202405/0016		Date: 01/06/2024	
URL No.: TC0958124000000169F			
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. Manish Shah	
Date of Sample Collection	:	24/05/2024	Sampling Type : Grab
Date of Sample Received	:	24/05/2024	Sample ID : W/202405/0016
Sampling Location	:	EB -01 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 25/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 01/06/2024
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	Result	Unit	Protocol used for Analysis
1.	pH	7.55	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	25	Co-pt	APHA 24th Edition 2120 C : 2022
3.	Conductivity	56.2	mmhos/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	1.73	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	84	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	36600	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	70	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	3740	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	332	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	18994.1	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	3522	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	0.98	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	1.68	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	416.83	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	656.10	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	0.049	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	0.42	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	11230	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	286	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	BioChemical Oxygen Demand @ 27 OC for 3 Days	6.4	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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## LABORATORY TESTING REPORT

Report No.: VE/W/202405/0016		Date: 01/06/2024	
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. Manish Shah	
Date of Sample Collection	:	24/05/2024	Sampling Type : Grab
Date of Sample Received	:	24/05/2024	Sample ID : W/202405/0016
Sampling Location	:	EB -01 Up Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 25/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 01/06/2024
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	Result	Unit	Protocol used for Analysis
24.	TOC	4.6	mg/L	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	BDL<2.0	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
27.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
31.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN- B & E 2022
32.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
33.	Iron (as Fe)	0.6	mg/L	APHA 24th Edition 3500 Fe-B : 2022
34.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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

This Report is issued under the following terms & Condition:

1. Samples are not drawn by Vasundhara 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.

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### LABORATORY TESTING REPORT

Report No.: VE/W/202405/0017		Date: 01/06/2024	
URL No.: TC0958124000000170F			
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. Manish Shah	
Date of Sample Collection	:	24/05/2024	Sampling Type : Grab
Date of Sample Received	:	24/05/2024	Sample ID : W/202405/0017
Sampling Location	:	EB -03 DownStream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 25/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 01/06/2024
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	Result	Unit	Protocol used for Analysis
1.	pH	7.73	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	20	Co-pt	APHA 24th Edition 2120 C : 2022
3.	Conductivity	53.8	mmhos/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	1.32	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	76.5	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	35100	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	66	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	3699.36	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	302	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	13395.8	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	2936	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	0.85	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	1.32	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	412.82	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	648.81	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	0.038	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	0.39	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	10325	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	245	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	5.5	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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## LABORATORY TESTING REPORT

Report No.: VE/W/202405/0017	Date: 01/06/2024		
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. Manish Shah		
Date of Sample Collection	24/05/2024	Sampling Type	Grab
Date of Sample Received	24/05/2024	Sample ID	W/202405/0017
Sampling Location	EB -03 Down Stream	Sample Description	Ground Water
Sample Collected / Submitted by	VE Team	Protocol used for Sampling	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On	25/05/2024
Packing / Seal	Cap Seal	Analysis Completed On	01/06/2024
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	Result	Unit	Protocol used for Analysis
24.	TOC	4.1	mg/L	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	BDL<2.0	mg/L	APHA 24th Edition 3111 PbB : 2022
26.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
27.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
31.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN- B & E: 2022
32.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
33.	Iron (as Fe)	0.31	mg/L	APHA 24th Edition 3500 Fe-B : 2022
34.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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

This Report is issued under the following terms & Condition:

1. Samples are not drawn by Vasundhara 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.

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- ISO 9001:2015, 14001:2015 & 45001:2018

- NABL Accredited Laboratory (TC-9581)
- GPCB Authorized Environment Auditors



### LABORATORY TESTING REPORT

Report No.: VE/W/202405/0018		Date: 01/06/2024	
URL No.: TC0958124000000171F			
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. Manish Shah	
Date of Sample Collection	:	24/05/2024	Sampling Type : Grab
Date of Sample Received	:	24/05/2024	Sample ID : W/202405/0018
Sampling Location	:	EB -04 Down Stream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 25/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 01/06/2024
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	Result	Unit	Protocol used for Analysis
1.	pH	7.69	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	15	Co-pt	APHA 24th Edition 2120 C : 2022
3.	Conductivity	52.9	mmhos/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	1.23	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	81.6	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	34356	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	65	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	3680	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	320	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	17544.5	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	3324	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	0.83	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	1.52	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	408.82	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	607.50	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	0.021	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	0.36	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	11056	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	252	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	5.2	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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## LABORATORY TESTING REPORT

Report No.: VE/W/202405/0018	Date: 01/06/2024		
URL No.:			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Kasayan, Dahej Ta : Vagra District : Bharuch. Pin- 392130, Gujarat,		
Contact Person	Mr. Manish Shah		
Date of Sample Collection	24/05/2024	Sampling Type	Grab
Date of Sample Received	24/05/2024	Sample ID	W/202405/0018
Sampling Location	EB -04 Down Stream	Sample Description	Ground Water
Sample Collected / Submitted by	VE Team	Protocol used for Sampling	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On	25/05/2024
Packing / Seal	Cap Seal	Analysis Completed On	01/06/2024
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	Result	Unit	Protocol used for Analysis
24.	TOC	3.9	mg/L	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	BDL<2.0	mg/L	APHA 24th Edition 3111 PbB : 2022
26.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
27.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
31.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN- B & E: 2022
32.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
33.	Iron (as Fe)	0.22	mg/L	APHA 24th Edition 3500 Fe-B : 2022
34.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

### End Report

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### LABORATORY TESTING REPORT

Report No.: VE/W/202405/0019		Date: 01/06/2024	
URL No.: TC0958124000000172F			
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. Manish Shah	
Date of Sample Collection	:	24/05/2024	Sampling Type : Grab
Date of Sample Received	:	24/05/2024	Sample ID : W/202405/0019
Sampling Location	:	EB -02 DownStream	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 25/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 01/06/2024
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	Result	Unit	Protocol used for Analysis
1.	pH	7.76	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	10	Co-pt	APHA 24th Edition 2120 C : 2022
3.	Conductivity	50.82	mmhos/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	1.28	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	82.3	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	32892	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	63	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	3520	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	314	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	16494.8	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	3261	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	0.58	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	1.48	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	408.82	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	607.50	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	0.032	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	0.44	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	10823	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	274	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	4.6	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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- GPCB Authorized Environment Auditors

## LABORATORY TESTING REPORT

Report No.: VE/W/202405/0019	Date: 01/06/2024		
URL No.:			
Customer Name & Address	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Kasayan, Dahej Ta : Vagra District :Bharuch. Pin- 392130, Gujrat,		
Contact Person	Mr. Manish Shah		
Date of Sample Collection	24/05/2024	Sampling Type	Grab
Date of Sample Received	24/05/2024	Sample ID	W/202405/0019
Sampling Location	EB -02 DownStream	Sample Description	Ground Water
Sample Collected / Submitted by	VE Team	Protocol used for Sampling	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On	25/05/2024
Packing / Seal	Cap Seal	Analysis Completed On	01/06/2024
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	Result	Unit	Protocol used for Analysis
24.	TOC	3.6	mg/L	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	BDL<2.0	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
27.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
31.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN- B & E: 2022
32.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
33.	Iron (as Fe)	0.38	mg/L	APHA 24th Edition 3500 Fe-B : 2022
34.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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

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### LABORATORY TESTING REPORT

Report No.: VE/W/202405/0020		Date: 01/06/2024	
URL No.: TC0958124000000173F			
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. Manish Shah	
Date of Sample Collection	:	24/05/2024	Sampling Type : Grab
Date of Sample Received	:	24/05/2024	Sample ID : W/202405/0020
Sampling Location	:	Inside Mandir Dahej Village	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 25/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 01/06/2024
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	Result	Unit	Protocol used for Analysis
1.	pH	8.21	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	5	Co-pt	APHA 24th Edition 2120 C : 2022
3.	Conductivity	0.34	mmhos/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.32	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	ND	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	206	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	BDL<4	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	60	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	60	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	50	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	8.82	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	ND	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	ND	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	18.03	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	3.65	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	0.02	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	ND	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	38	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.5	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	ND	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	ND	mg/L	APHA 24th Edition 5520 B : 2022

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## LABORATORY TESTING REPORT

Report No.: VE/W/202405/0020	Date: 01/06/2024		
URL No.:			
Customer Name & Address	: MM/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. Manish Shah		
Date of Sample Collection	: 24/05/2024	Sampling Type	: Grab
Date of Sample Received	: 24/05/2024	Sample ID	: VE/W/202405/0020
Sampling Location	: Inside Mandir Dahej Village	Sample Description	: Ground Water
Sample Collected / Submitted by	: VE Team	Protocol used for Sampling	: APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	: 2 Liter/1Nos.	Analysis Started On	: 25/05/2024
Packing / Seal	: Cap Seal	Analysis Completed On	: 01/06/2024
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	Result	Unit	Protocol used for Analysis
24.	TOC	BDL<0.1	mg/L	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	BDL<2.0	mg/L	APHA 24th Edition 3111 PbB : 2022
26.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
27.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
31.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN- B & E: 2022
32.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
33.	Iron (as Fe)	0.03	mg/L	APHA 24th Edition 3500 Fe-B : 2022
34.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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

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### LABORATORY TESTING REPORT

Report No.: VE/W/202405/0021		Date: 01/06/2024	
URL No.: TC0958124000000174F			
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. Manish Shah	
Date of Sample Collection	:	24/05/2024	Sampling Type : Grab
Date of Sample Received	:	24/05/2024	Sample ID : W/202405/0021
Sampling Location	:	Near Bus Station Dahej Village	Sample Description : Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On : 25/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 01/06/2024
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	Result	Unit	Protocol used for Analysis
1.	pH	8.24	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	10	Co-pt	APHA 24th Edition 2120 C : 2022
3.	Conductivity	0.35	mmhos/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.21	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	ND	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	233	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	BDL<4	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	50	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	52	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- Norg B : 2022
11.	Chloride (as Cl)	39.9	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	10.6	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> -E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	ND	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	ND	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	10.02	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	6.08	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	0.02	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	ND	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	42	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.8	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	BioChemical Oxygen Demand @ 27 °C for 3 Days	ND	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	ND	mg/L	APHA 24th Edition 5520 B : 2022

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- ISO 9001:2015, 14001:2015 & 45001:2018

- NABL Accredited Laboratory (TC-9581)
- GPCB Authorized Environment Auditors

## LABORATORY TESTING REPORT

Report No.: VE/W/202405/0021	Date: 01/06/2024		
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, Gujarat,		
Contact Person	Mr. Manish Shah		
Date of Sample Collection	24/05/2024	Sampling Type	Grab
Date of Sample Received	24/05/2024	Sample ID	W/202405/0021
Sampling Location	Near Bus Station Dahej Village	Sample Description	Ground Water
Sample Collected / Submitted by	VE Team	Protocol used for Sampling	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On	25/05/2024
Packing / Seal	Cap Seal	Analysis Completed On	01/06/2024
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	Result	Unit	Protocol used for Analysis
24.	TOC	BDL<0.1	mg/L	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	BDL<2.0	mg/L	APHA 24th Edition 3111 PbB : 2022
26.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
27.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
31.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN- B & E : 2022
32.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
33.	Iron (as Fe)	0.01	mg/L	APHA 24th Edition 3500 Fe-B : 2022
34.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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

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- ISO 9001:2015, 14001:2015 & 45001:2018

- NABL Accredited Laboratory (TC-9581)
- GPCB Authorized Environment Auditors



### LABORATORY TESTING REPORT

Report No.: VE/W/202405/0022		Date: 01/06/2024	
URL No.: TC0958124000000175F			
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. Manish Shah		
Date of Sample Collection	24/05/2024	Sampling Type	Grab
Date of Sample Received	24/05/2024	Sample ID	W/202405/0022
Sampling Location	Near Gram Panchayat Dahej Village	Sample Description	Ground Water
Sample Collected / Submitted by	VE Team	Protocol used for Sampling	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample	2 Liter/1Nos.	Analysis Started On	25/05/2024
Packing / Seal	Cap Seal	Analysis Completed On	01/06/2024
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	Result	Unit	Protocol used for Analysis
1.	pH	8.34	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	5	Co-pt	APHA 24th Edition 2120 C : 2022
3.	Conductivity	0.36	mmhos/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.15	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	ND	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	234	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	BDL<4	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO <sub>3</sub>	75	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO <sub>3</sub>	56	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	42.49	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO <sub>4</sub> )	9.82	mg/L	APHA 24th Edition 4500- SO <sub>4</sub> 2-E : 2022
13.	Nitrate as (N-NO <sub>3</sub> )	ND	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	ND	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	16.03	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	8.51	mg/L	APHA 24th Edition 3500 Mg B : 2022
17.	Phosphate	0.01	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	ND	mg/L	APHA 24th Edition 4500- NH <sub>3</sub> B & C : 2022
19.	Sodium (as Na)	38	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.1	mg/L	APHA 24th Edition 3500-K B : 2022
21.	Manganese (as Mn)	BDL<0.05	mg/L	APHA 24th Edition 3111 Mn B : 2022
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	ND	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	ND	mg/L	APHA 24th Edition 5520 B : 2022

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## LABORATORY TESTING REPORT

Report No.: VE/W/202405/0022	Date: 01/06/2024		
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. Manish Shah		
Date of Sample Collection :	24/05/2024	Sampling Type :	Grab
Date of Sample Received :	24/05/2024	Sample ID :	W/202405/0022
Sampling Location :	Near Gram Panchayat Dahej Village	Sample Description :	Ground Water
Sample Collected / Submitted by :	VE Team	Protocol used for Sampling :	APHA 24 <sup>th</sup> Edition
Quantity / No. of Sample :	2 Liter/1Nos.	Analysis Started On :	25/05/2024
Packing / Seal :	Cap Seal	Analysis Completed On :	01/06/2024
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	Result	Unit	Protocol used for Analysis
24.	TOC	BDL<0.1	mg/L	APHA (23rd Edition) 5310 B
25.	Lead (as Pb)	BDL<2.0	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24th Edition 3111 Cd B : 2022
27.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
31.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN- B & E: 2022
32.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
33.	Iron (as Fe)	0.02	mg/L	APHA 24th Edition 3500 Fe-B : 2022
34.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen, Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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

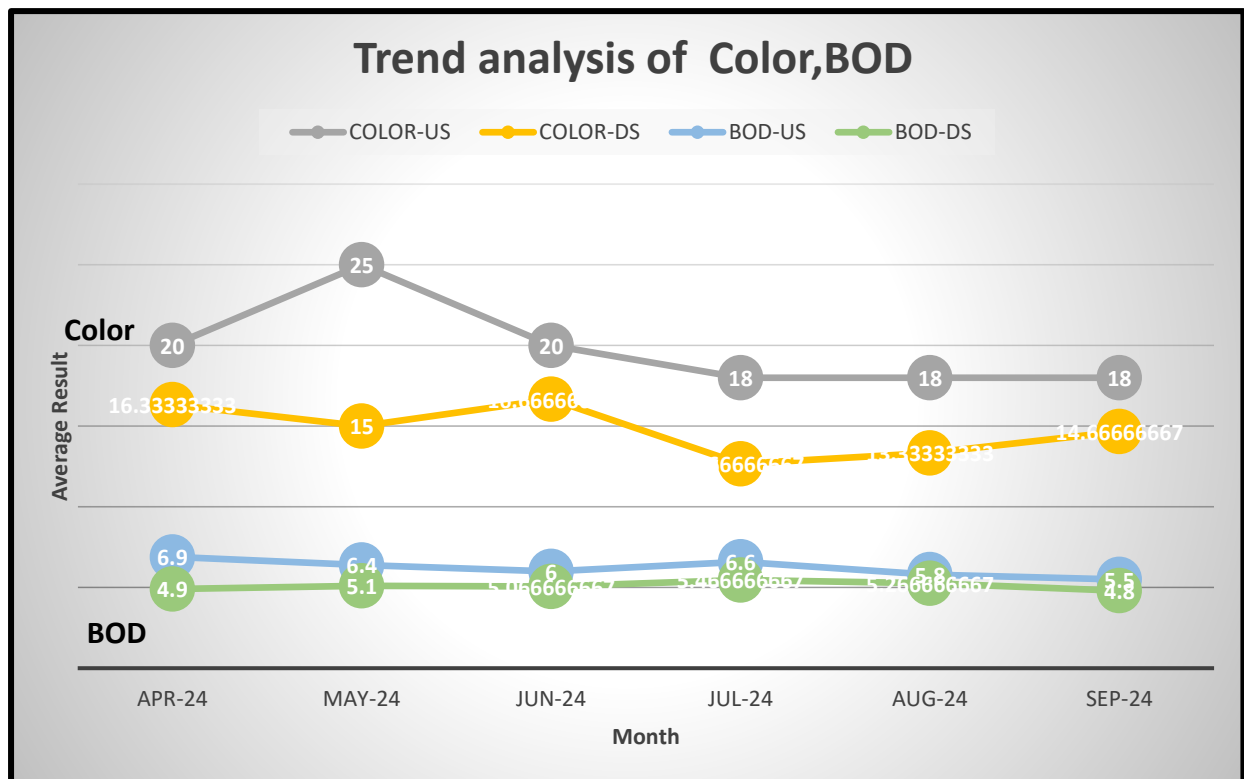
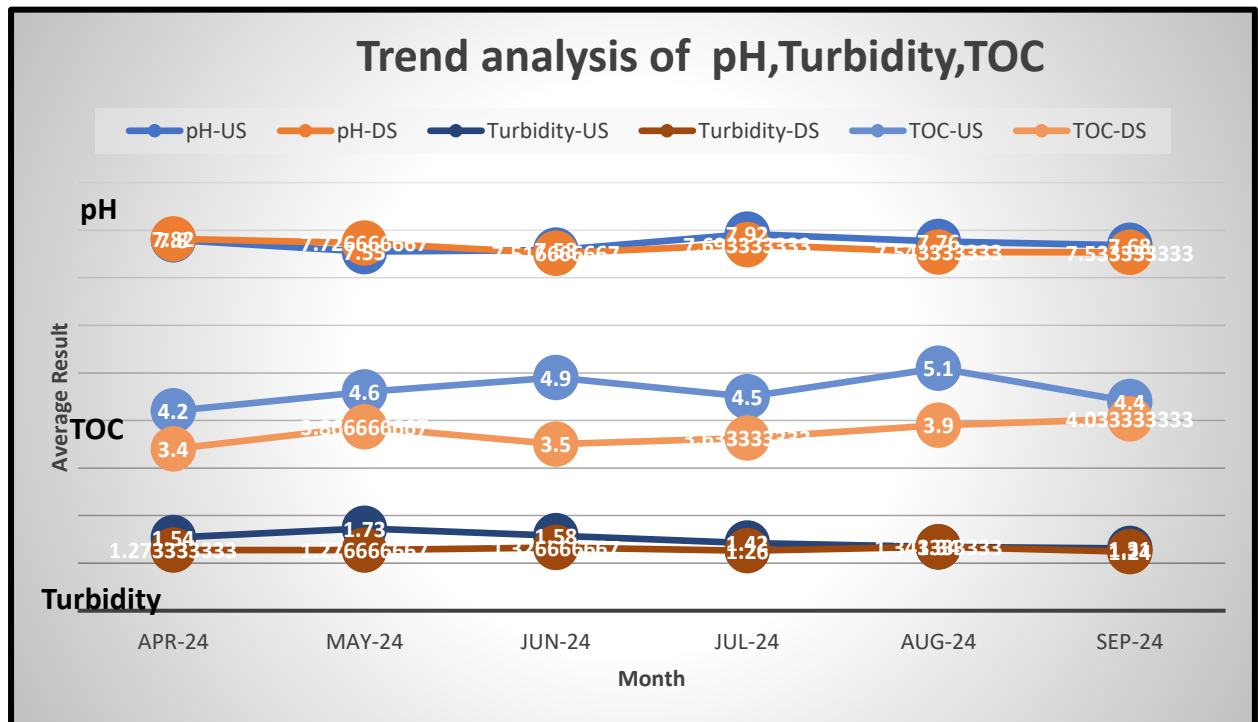
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3. Samples shall be stored for the period of 15 days after the date of issue of Report.

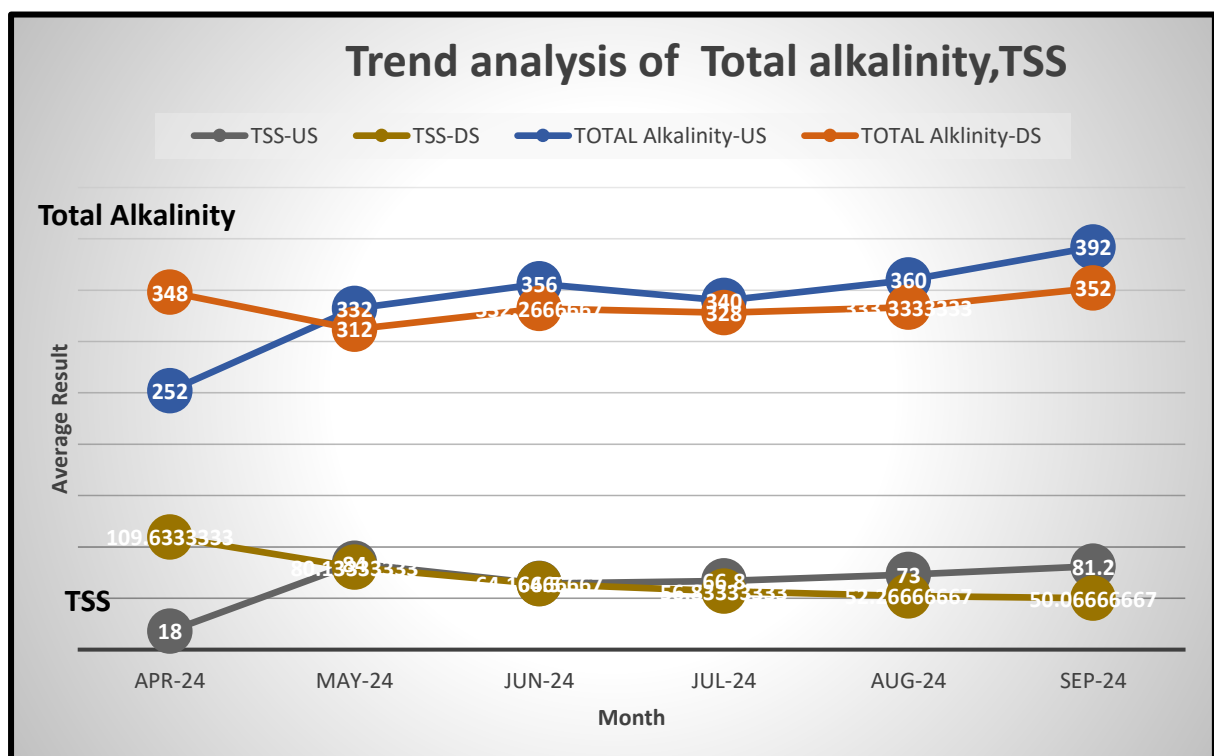
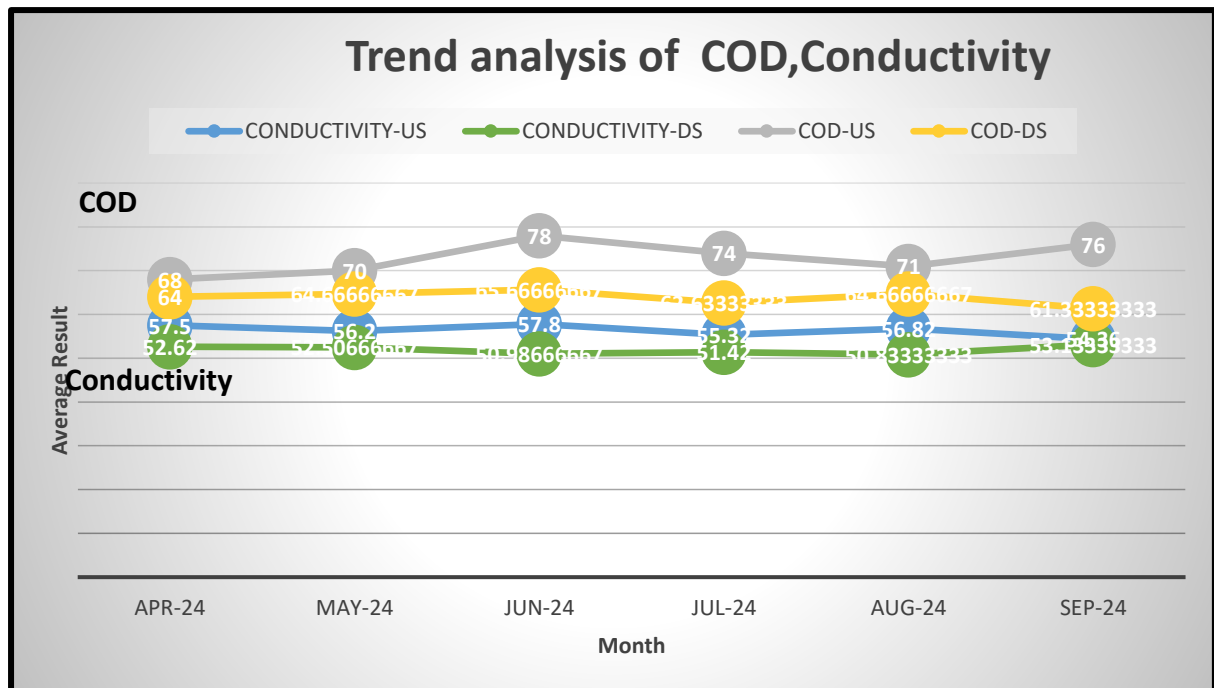
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## Annexure-5a Trend Analysis of Ground Water

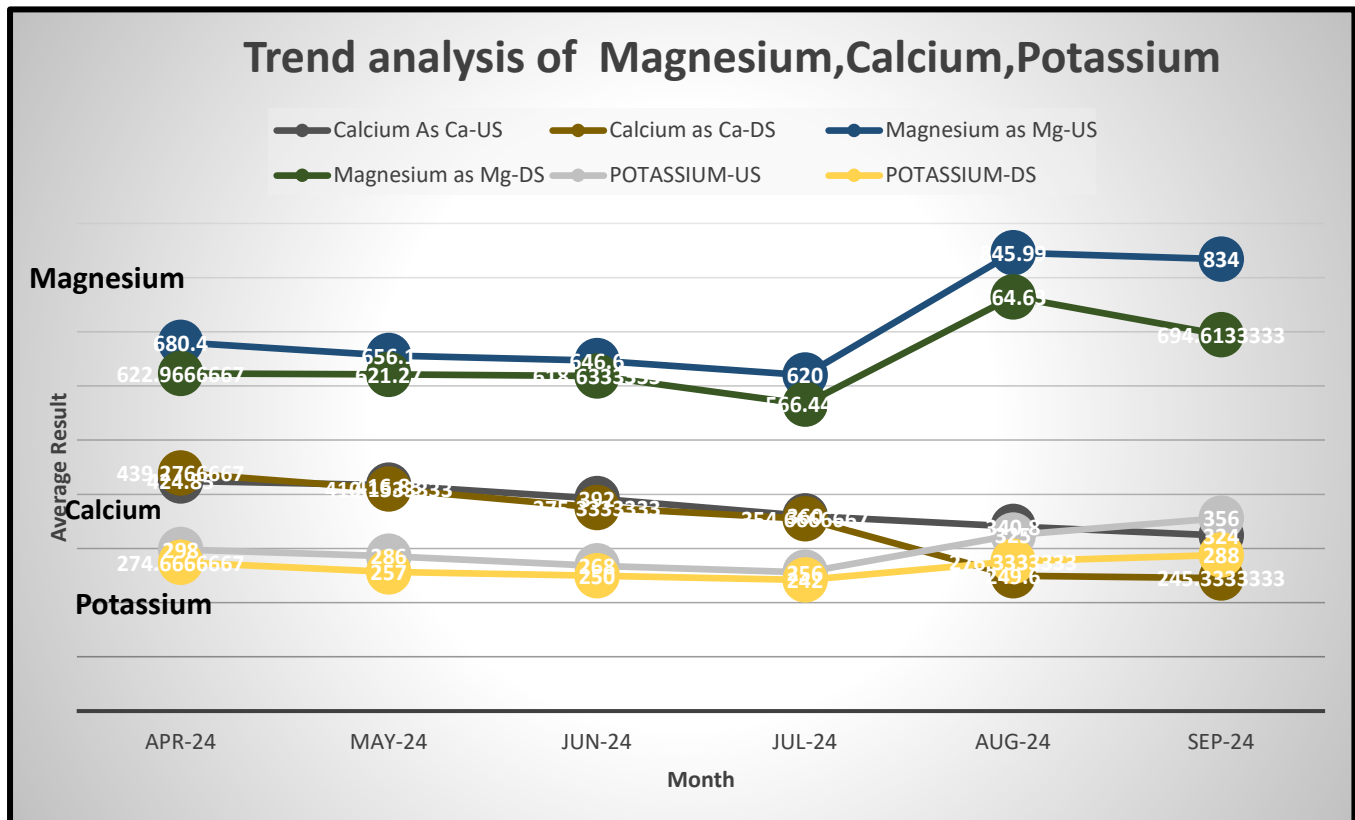
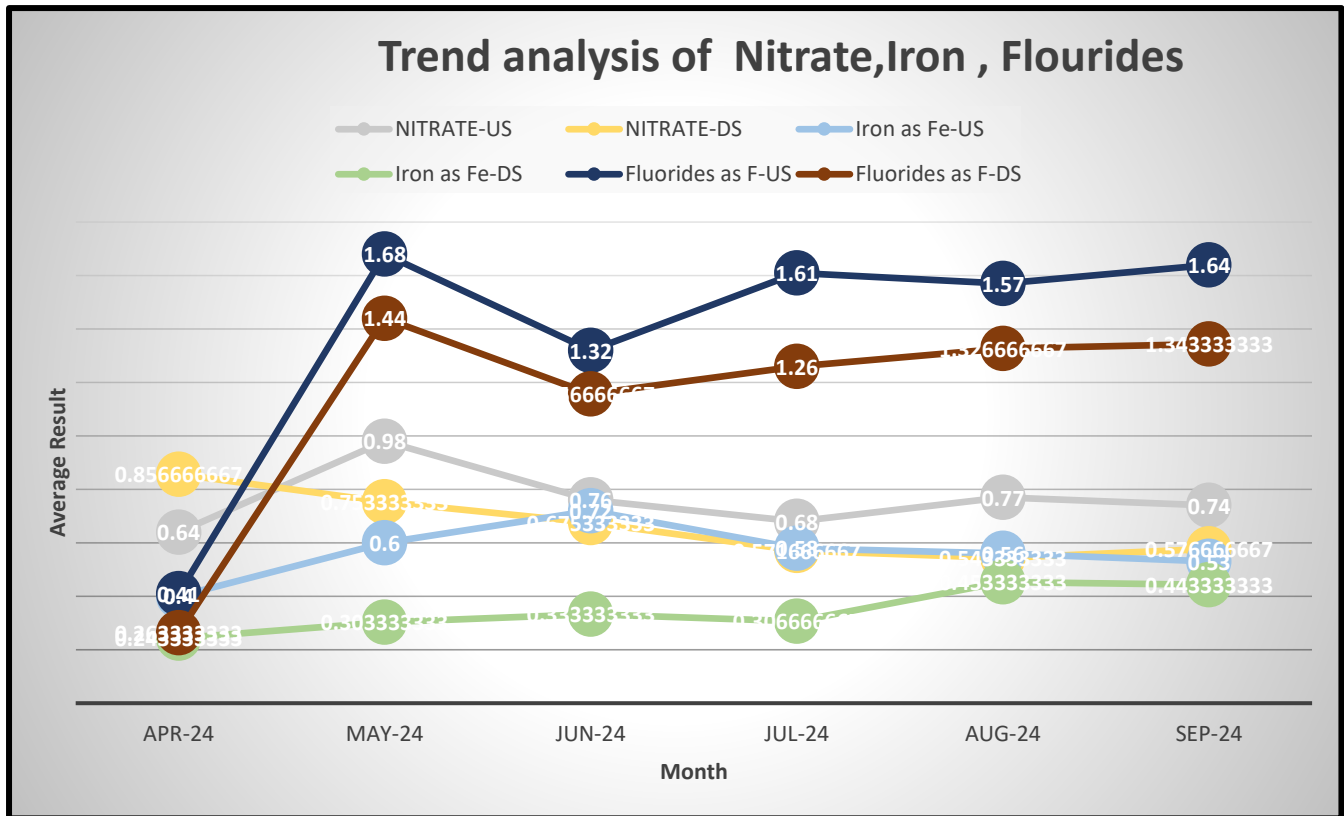


## Annexure-5a Trend Analysis of Ground Water

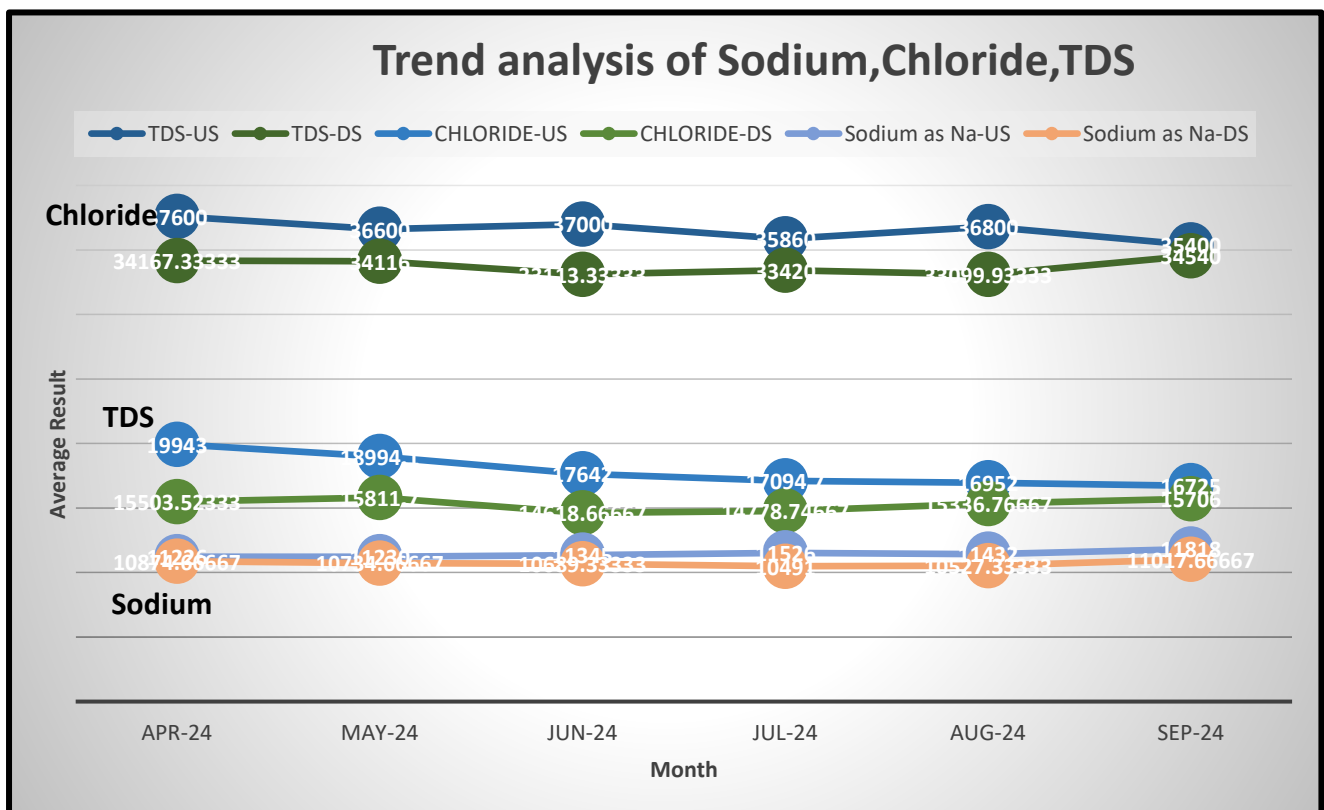
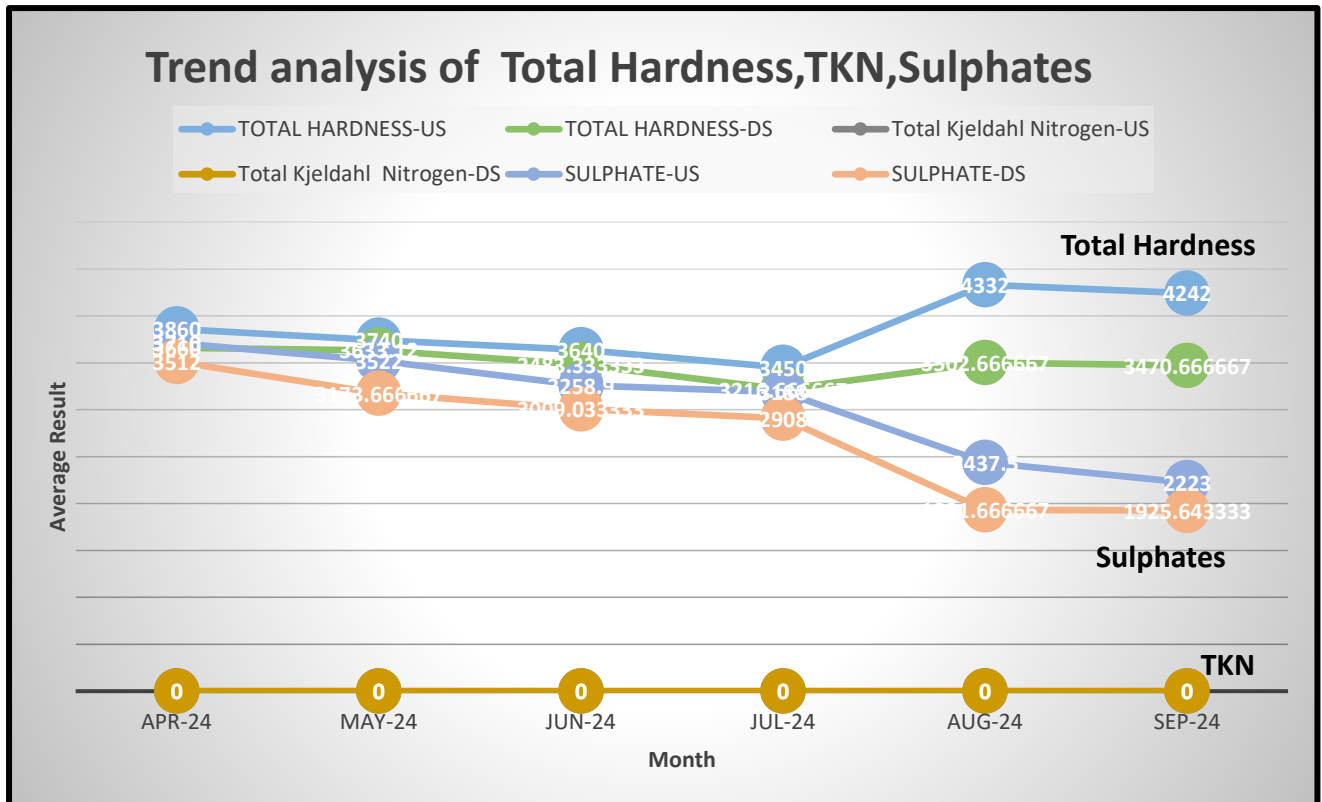




## Annexure-5a Trend Analysis of Ground Water



## **Annexure-5a Trend Analysis of Ground Water**



## **Annexure-5a Trend Analysis of Ground Water**



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- NABL Accredited Laboratory (TC-9581)
- GPCB Authorized Environment Auditors



## LABORATORY TESTING REPORT

Report No.: VE/S/202405/0004		Date: 01/06/2024	
URL No.: TC0958124000000177F			
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. Manish Shah		
Date of Sample Collection	: 24/05/2024	Sampling Type	: Composite
Date of Sample Received	: 24/05/2024	Sample ID	: S/202405/0004
Sampling Location	: Near EB-1	Sample Description	: Soil
Sample Collected / Submitted by	: VE Team	Protocol used for Sampling	: SOP Based
Quantity / No. of Sample	: 2 Kg/1 Nos.	Analysis Started On	: 25/05/2024
Packing / Seal	: Seal Pack	Analysis Completed On	: 01/06/2024
Type of Container	: Plastic Bag	Format No.	: 7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	8.32	-	IS 2720 (Part 26) : 1987
2.	Conductivity	2164	µmho/cm	IS: 14767: 2000

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## LABORATORY TESTING REPORT

Report No.: VE/S/202405/0004		Date: 01/06/2024	
URL No.:			
Customer Name & Address	:	M/s. REIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta : Vagra District :Bharuch. Pin- 392130, Gujrat,	
Contact Person	:	Mr. Manish Shah	
Date of Sample Collection	:	24/05/2024	Sampling Type : Composite
Date of Sample Received	:	24/05/2024	Sample ID : S/202405/0004
Sampling Location	:	Near EB-1	Sample Description : Soil
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On : 25/05/2024
Packing / Seal	:	Seal Pack	Analysis Completed On : 01/06/2024
Type of Container	:	Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	0.32	mg/L	EPA 7000 B : 2007
4.	Cadmium as Cd by TCLP	ND	mg/L	EPA 7000 B : 2007
5.	Copper as Cu by TCLP	0.54	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	0.86	mg/L	EPA 7000 B : 2007
8.	Arsenic as As by TCLP	BDL<0.01	mg/L	EPA 7062 B : 1994
9.	Manganese as Mn by TCLP	0.62	mg/L	EPA 7000 B : 2007
10.	Zinc as Zn by TCLP	0.82	mg/L	EPA 7000 B : 2007
11.	TDS by TCLP	1408	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	0.98	%	IS 2720 (Part 22) : 1972
13.	Fluoride	1.12	mg/L	EPA Method : 9214
14.	Mercury as Hg by TCLP	BDL<0.01	mg/L	EPA 7062 B : 1994
15.	Cyanide as CN	BDL<0.02	mg/L	EPA 7062 B : 1994
16.	PAH	ND	mg/L	EPA Method : 610

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- GPCB Authorized Environment Auditors



### LABORATORY TESTING REPORT

Report No.: VE/S/202405/0003		Date: 01/06/2024	
URL No.:TC0958124000000176F			
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. Manish Shah		
Date of Sample Collection	: 24/05/2024	Sampling Type	: Composite
Date of Sample Received	: 24/05/2024	Sample ID	: S/202405/0003
Sampling Location	: Near EB-2	Sample Description	: Soil
Sample Collected / Submitted by	: VE Team	Protocol used for Sampling	: SOP Based
Quantity / No. of Sample	: 2 Kg/1 Nos.	Analysis Started On	: 25/05/2024
Packing / Seal	: Seal Pack	Analysis Completed On	: 01/06/2024
Type of Container	: Plastic Bag	Format No.	: 7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	8.58	-	IS 2720 (Part 26) : 1987
2.	Conductivity	1720	µmho/cm	IS: 14767: 2000

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## LABORATORY TESTING REPORT

Report No.: VE/S/202405/0003		Date: 01/06/2024	
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. Manish Shah	
Date of Sample Collection	:	24/05/2024	Sampling Type : Composite
Date of Sample Received	:	24/05/2024	Sample ID : S/202405/0003
Sampling Location	:	Near EB-2	Sample Description : Soil
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On : 25/05/2024
Packing / Seal	:	Seal Pack	Analysis Completed On : 01/06/2024
Type of Container	:	Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	0.16	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	0.58	mg/L	EPA 7000 B : 2007
6.	Chromium as Cr by TCLP	0.32	mg/L	EPA 7000 B : 2007
7.	Nickel as Ni by TCLP	0.96	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	0.68	mg/L	EPA 7000 B : 2007
10.	Zinc as Zn by TCLP	0.74	mg/L	EPA 7000 B : 2007
11.	TDS by TCLP	1122	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	0.62	%	IS 2720 (Part 22) : 1972
13.	Fluoride	1.08	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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Ankleshwar



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- GPCB Authorized Environment Auditors



### LABORATORY TESTING REPORT

Report No.: VE/S/202405/0005		Date: 01/06/2024	
URL No.:TC0958124000000178F			
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. Manish Shah	
Date of Sample Collection	:	24/05/2024	Sampling Type : Composite
Date of Sample Received	:	24/05/2024	Sample ID : S/202405/0005
Sampling Location	:	Opp Salt Farm Area	Sample Description : Soil
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On : 25/05/2024
Packing / Seal	:	Seal Pack	Analysis Completed On : 01/06/2024
Type of Container	:	Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	8.6	-	IS 2720 (Part 26) : 1987
2.	Conductivity	4078	µmho/cm	IS: 14767: 2000

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- NABL Accredited Laboratory (TC-9581)
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- GPCB Authorized Environment Auditors

### LABORATORY TESTING REPORT

Report No.: VE/S/202405/0005	Date:	01/06/2024
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. Manish Shah	
Date of Sample Collection	: 24/05/2024	Sampling Type : Composite
Date of Sample Received	: 24/05/2024	Sample ID : S/202405/0005
Sampling Location	: Opp Salt Farm Area	Sample Description : Soil
Sample Collected / Submitted by	: VE Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	: 2 Kg/1 Nos.	Analysis Started On : 25/05/2024
Packing / Seal	: Seal Pack	Analysis Completed On : 01/06/2024
Type of Container	: Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test	25°C ±3 °C	

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	0.42	mg/L	EPA 7000 B : 2007
4.	Cadmium as Cd by TCLP	ND	mg/L	EPA 7000 B : 2007
5.	Copper as Cu by TCLP	0.42	mg/L	EPA 7000 B : 2007
6.	Chromium as Cr by TCLP	0.31	mg/L	EPA 7000 B : 2007
7.	Nickel as Ni by TCLP	0.98	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	0.78	mg/L	EPA 7000 B : 2007
10.	Zinc as Zn by TCLP	0.92	mg/L	EPA 7000 B : 2007
11.	TDS by TCLP	2656	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	0.88	%	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 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

Authorized Signatory



# VASUNDHARA ENTERPRISE

## ENVIRONMENT CONSULTANTS

- EPA (MOEF & CC) Recognized Laboratory
- ISO 9001:2015, 14001:2015 & 45001:2018

- NABL Accredited Laboratory (TC-9581)
- GPCB Authorized Environment Auditors



### LABORATORY TESTING REPORT

Report No.: VE/S/202405/0006		Date:		01/06/2024	
URL No.:TC0958124000000179F					
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. Manish Shah			
Date of Sample Collection		: 24/05/2024	Sampling Type		: Composite
Date of Sample Received		: 24/05/2024	Sample ID		: S/202405/0006
Sampling Location		: Near Admin Office	Sample Description		: Soil
Sample Collected / Submitted by		: VE Team	Protocol used for Sampling		: SOP Based
Quantity / No. of Sample		: 2 Kg/1 Nos.	Analysis Started On		: 25/05/2024
Packing / Seal		: Seal Pack	Analysis Completed On		: 01/06/2024
Type of Container		: Plastic Bag	Format No.		: 7.8 F-04
Environmental Condition during the test			25°C ±3 °C		

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	8.4	-	IS 2720 (Part 26) : 1987
2.	Conductivity	1541	µmho/cm	IS: 14767: 2000

Verified By:

Authorized Signatory:



# VASUNDHARA ENTERPRISE

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- ISO 9001:2015, 14001:2015 & 45001:2018

- NABL Accredited Laboratory (TC-9581)
- GPCB Authorized Environment Auditors

### LABORATORY TESTING REPORT

Report No.: VE/S/202405/0006	Date:	01/06/2024
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. Manish Shah	
Date of Sample Collection	: 24/05/2024	Sampling Type : Composite
Date of Sample Received	: 24/05/2024	Sample ID : S/202405/0006
Sampling Location	: Near Admin Office	Sample Description : Soil
Sample Collected / Submitted by	: VE Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	: 2 Kg/1 Nos.	Analysis Started On : 25/05/2024
Packing / Seal	: Seal Pack	Analysis Completed On : 01/06/2024
Type of Container	: Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test	25°C ±3 °C	

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	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	0.36	mg/L	EPA 7000 B : 2007
6.	Chromium as Cr by TCLP	0.12	mg/L	EPA 7000 B : 2007
7.	Nickel as Ni by TCLP	0.62	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	0.67	mg/L	EPA 7000 B : 2007
10.	Zinc as Zn by TCLP	0.94	mg/L	EPA 7000 B : 2007
11.	TDS by TCLP	1012	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	0.58	%	IS 2720 (Part 22) : 1972
13.	Fluoride	0.84	mg/L	EPA Method : 9214
14.	Mercury as Hg by TCLP	BDL<0.01	mg/L	EPA 7062 B : 1994
15.	Cyanide as CN	BDL<0.02	mg/L	EPA 7062 B : 1994
16.	PAH	ND	mg/L	EPA Method : 610

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

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

Verified By

Authorized Signatory  
  
Ankleshwar



# VASUNDHARA ENTERPRISE

## ENVIRONMENT CONSULTANTS

- EPA (MOEF & CC) Recognized Laboratory
- ISO 9001:2015, 14001:2015 & 45001:2018

- NABL Accredited Laboratory (TC-9581)
- GPCB Authorized Environment Auditors



### LABORATORY TESTING REPORT

Report No.: VE/S/202405/0007		Date: 01/06/2024	
URL No.:TC0958124000000180F			
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. Manish Shah	
Date of Sample Collection	:	24/05/2024	Sampling Type : Composite
Date of Sample Received	:	24/05/2024	Sample ID : S/202405/0007
Sampling Location	:	Opp Khetan Industries	Sample Description : Soil
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On : 25/05/2024
Packing / Seal	:	Seal Pack	Analysis Completed On : 01/06/2024
Type of Container	:	Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test		25°C ±3 °C	

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	8.45	-	IS 2720 (Part 26) : 1987
2.	Conductivity	2674	µmho/cm	IS: 14767: 2000

Verified By

Authorized Signatory





# VASUNDHARA ENTERPRISE

ENVIRONMENT CONSULTANTS

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- NABL Accredited Laboratory (TC-9581)
- GPCB Authorized Environment Auditors

## LABORATORY TESTING REPORT

Report No.: VE/S/202405/0007		Date:		01/06/2024	
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. Manish Shah			
Date of Sample Collection		: 24/05/2024	Sampling Type		: Composite
Date of Sample Received		: 24/05/2024	Sample ID		: S/202405/0007
Sampling Location		: Opp Khetan Industries	Sample Description		: Soil
Sample Collected / Submitted by		: VE Team	Protocol used for Sampling		: SOP Based
Quantity / No. of Sample		: 2 Kg/1 Nos.	Analysis Started On		: 25/05/2024
Packing / Seal		: Seal Pack	Analysis Completed On		: 01/06/2024
Type of Container		: Plastic Bag	Format No.		: 7.8 F-04
Environmental Condition during the test			25°C ±3 °C		

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	0.18	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	0.46	mg/L	EPA 7000 B : 2007
6.	Chromium as Cr by TCLP	0.092	mg/L	EPA 7000 B : 2007
7.	Nickel as Ni by TCLP	0.82	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	0.66	mg/L	EPA 7000 B : 2007
10.	Zinc as Zn by TCLP	0.18	mg/L	EPA 7000 B : 2007
11.	TDS by TCLP	1738	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	0.66	%	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-----

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Verified By

Authorized Signatory  
  
Ankleshwar



# VASUNDHARA ENTERPRISE

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- ISO 9001:2015, 14001:2015 & 45001:2018

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- GPCB Authorized Environment Auditors



### LABORATORY TESTING REPORT

Report No.: VE/S/202405/0008	Date:	01/06/2024
URL No.:TC0958124000000181F		
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. Manish Shah	
Date of Sample Collection	24/05/2024	Sampling Type : Composite
Date of Sample Received	24/05/2024	Sample ID : S/202405/0008
Sampling Location	Behind Tagros	Sample Description : Soil
Sample Collected / Submitted by	VE Team	Protocol used for Sampling : SOP Based
Quantity / No. of Sample	2 Kg/1 Nos.	Analysis Started On : 25/05/2024
Packing / Seal	Seal Pack	Analysis Completed On : 01/06/2024
Type of Container	Plastic Bag	Format No. : 7.8 F-04
Environmental Condition during the test	25°C ±3 °C	

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	8.68	-	IS 2720 (Part 26) : 1987
2.	Conductivity	2382	µmho/cm	IS: 14767: 2000

Verified By  


Authorized Signatory  
  
Ankleshwar



# VASUNDHARA ENTERPRISE

## ENVIRONMENT CONSULTANTS

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- ISO 9001:2015, 14001:2015 & 45001:2018
- NABL Accredited Laboratory (TC-9581)
- GPCB Authorized Environment Auditors

### LABORATORY TESTING REPORT

Report No.: VE/S/202405/0008		Date:		01/06/2024	
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. Manish Shah			
Date of Sample Collection		: 24/05/2024		Sampling Type : Composite	
Date of Sample Received		: 24/05/2024		Sample ID : S/202405/0008	
Sampling Location		: Behind Tagros		Sample Description : Soil	
Sample Collected / Submitted by		: VE Team		Protocol used for Sampling : SOP Based	
Quantity / No. of Sample		: 2 Kg/1 Nos.		Analysis Started On : 25/05/2024	
Packing / Seal		: Seal Pack		Analysis Completed On : 01/06/2024	
Type of Container		: Plastic Bag		Format No. : 7.8 F-04	
Environmental Condition during the test		25°C ±3 °C			

### Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
3.	Lead as Pb by TCLP	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	0.58	mg/L	EPA 7000 B : 2007
6.	Chromium as Cr by TCLP	0.22	mg/L	EPA 7000 B : 2007
7.	Nickel as Ni by TCLP	0.88	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	0.72	mg/L	EPA 7000 B : 2007
10.	Zinc as Zn by TCLP	0.082	mg/L	EPA 7000 B : 2007
11.	TDS by TCLP	1548	mg/L	APHA 24th Edition 2540- C: 2022
12.	TOC	1.18	%	IS 2720 (Part 22) : 1972
13.	Fluoride	0.94	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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Verified By

Authorized Signatory





# Annexure-6

0/C

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

Ref.: BEIL/DHJ/2024-25/17

03<sup>rd</sup> July 2024

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 (October 2023 to March 2024)**

Dear Sir,

We have submitted half yearly Environment Audit Report for October 2023 to March 2024 to H.O. GPCB Gandhinagar along with fees on 29.06.2024. The audit was carried out by L.J. Institute of Engineering & Technology, 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

*Shweta 9/7/24*  
Post Received  
Gujarat Pollution Control Board  
BHARUCH

RG271158197IN IYR:8271271158197  
RL DAHEJ SO <392130>  
Counter No:2,05/07/2024,12:5  
To:THE MEMBER SE,GANDHINAGAR  
PIN:382010, Gandhinagar Gujarat HO  
From:BEIL INFRAS,DAHEJ  
Wt:50gms Ack Fee:3.00,REG=17.0  
Amt:41.30,Tax:6.30,Amt.Paid:41.00(Cash)  
<Track on [www.indiapost.gov.in](http://www.indiapost.gov.in)>  
<Dial 18002666868> <Wear Masks, Stay Safe>

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](mailto: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, 225226 Fax : (02642) 222649 E-mail : [dahvadibd@beil.co.in](mailto:dahvadibd@beil.co.in)

*Compliance report of Observations and Recommendations of Half yearly Environment audit of BEIL Infrastructure limited carried out by L.J. Institute of Engineering & Technology, Ahmedabad. for the period of October 2023 to March 2024*

Sr. No	Auditors Recommendations	Compliance Status
1	The records of waste received & treated are maintained, the same shall be followed judiciously.	Complied. We are maintaining all records related to waste received and Treatment.
2	Unit should implement the permit system for the persons working at height with respect to the safety of a working personnel.	Complied. We have a dedicated work permit system and follow the permit system before starting any work. We have followed the height permit system for the person working at height with respect to the safety of a working personnel.
3	The overall housekeeping was found to be satisfactory, but unit should take adequate measures to control the odor and dusting in the premises.	Complied. We are maintaining a good housekeeping and we also implemented 5S system, which is specially designed for good housekeeping practice.
4	Unit should maintain the Logbook of ETP on daily basis and they should also present the same to the Board whenever required.	Complied We have maintained the daily Logbook of ETP.
5	Unit shall implement a preventive measure plan to maintain the work efficiency of ETP & MEE at a certain span of time.	Complied. We are doing regular preventive maintenance of ETP and MEE plant for improvement of efficiency.
6	Unit should strictly implement the safety protocols in the premises area as some labours in the premises were found working without taking appropriate safety measures.	Compiled. We have a dedicated safety team for the implementation of Safety rules and regulations. We also conduct trainings for skilled and unskilled person about awareness of safety on regular interval.

7	Unit has developed a Greenbelt near the premises, still more efforts are encouraged and appreciated.	Complied We are developing a green belt around the periphery
8	Unit shall regularly check for maintenance of ETP plant & MEE plant and do the needful changes when required.	Noted & complied. We are doing regular preventive maintenance of ETP and MEE plant.
9	Unit is also keeping the records for the generation & disposal of hazardous waste, as well as the waste is being sent to own TSDF site.	Complied. We are maintaining Hazardous waste generation and disposal records and monthly submitted to GPCB RO & GPCB HO Gandhinagar.

# Annexure-7



**BEIL INFRASTRUCTURE LTD.**  
**ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY**  
**TEST REPORT**

<b>Report No:</b> BS/1702024	<b>Date:</b> 17-04-2024	<b>Page No:</b> 1/1
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<b>Name and Address of the Customer</b>	BEIL INFRASTRUCTURE LIMITED PLOT NO. D/43, DAHEJ-AMOD ROAD, G.I.D.C-DAHEJ-392 130 TALUKA-VAGRA, DIST-BHARUCH (GUJARAT)		
<b>Sample Description</b>	Stack Sampling	<b>Sample Identification/Code</b>	Boiler Stack
<b>Sample Quantity</b>	---	<b>Date of Sampling</b>	16-Apr-2024
<b>Sampling Location</b>	Boiler Plant	<b>Date of Receipt Sample</b>	16-Apr-2024
<b>Sample Collected by</b>	Hemant Patel	<b>Date of Start Analysis</b>	16-Apr-2024
<b>Sampling Procedure</b>	---	<b>Date of Completion Analysis</b>	17-Apr-2024

Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm3	50.31	IS:11255 (P-1) 1985
2	SULPHUR DIOXIDE	100	ppm	4.04	IS:11255 (P-2) 1985
3	NITROGEN OXIDE	50	ppm	14.40	IS:11255 (P-7) 2005

Remarks (If Any):

**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.

**End of Report**

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

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

E-mail – [mistryrg@beil.co.in](mailto:mistryrg@beil.co.in) Cell no: 9099057365

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

CIN No.: U45300GJ1997PLC032696



**BEIL INFRASTRUCTURE LTD.**  
**ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY**  
**TEST REPORT**

<b>Report No:</b> DS/12042024	<b>Date:</b> 12-04-2024	<b>Page No:</b> 1/1
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<b>Name and Address of the Customer</b>	BEIL INFRASTRUCTURE LIMITED PLOT NO. D/43, DAHEJ-AMOD ROAD, G.I.D.C-DAHEJ-392 130 TALUKA-VAGRA, DIST-BHARUCH (GUJARAT)		
<b>Sample Description</b>	Stack Sampling	<b>Sample Identification/Code</b>	DG Stack(600KVA)
<b>Sample Quantity</b>	---	<b>Date of Sampling</b>	11-Apr-2024
<b>Sampling Location</b>	DG Room	<b>Date of Receipt Sample</b>	11-Apr-2024
<b>Sample Collected by</b>	Hemant Patel	<b>Date of Start Analysis</b>	11-Apr-2024
<b>Sampling Procedure</b>	---	<b>Date of Completion Analysis</b>	12-Apr-2024

Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm3	47.08	IS:11255 (P-1) 1985
2	SULPHUR DIOXIDE	100	ppm	11.30	IS:11255 (P-2) 1985
3	NITROGEN OXIDE	50	ppm	19.48	IS:11255 (P-7) 2005

Remarks (If Any):

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**End of Report**

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY  
MR. SATHISHKUMAR GADDAM

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



**BEIL INFRASTRUCTURE LTD.**  
**ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY**  
**TEST REPORT**

<b>Report No:</b> BS/19052024	<b>Date:</b> 19-05-2024	<b>Page No:</b> 1/1
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<b>Name and Address of the Customer</b>	BEIL INFRASTRUCTURE LIMITED PLOT NO. D/43, DAHEJ-AMOD ROAD, G.I.D.C-DAHEJ-392 130 TALUKA-VAGRA, DIST-BHARUCH (GUJARAT)		
<b>Sample Description</b>	Stack Sampling	<b>Sample Identification/Code</b>	Boiler Stack
<b>Sample Quantity</b>	---	<b>Date of Sampling</b>	17-May-2024
<b>Sampling Location</b>	Boiler Plant	<b>Date of Receipt Sample</b>	17-May-2024
<b>Sample Collected by</b>	Hemant Patel	<b>Date of Start Analysis</b>	17-May-2024
<b>Sampling Procedure</b>	---	<b>Date of Completion Analysis</b>	18-May-2024

Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm3	51.63	IS:11255 (P-1) 1985
2	SULPHUR DIOXIDE	100	ppm	5.37	IS:11255 (P-2) 1985
3	NITROGEN OXIDE	50	ppm	16.09	IS:11255 (P-7) 2005

Remarks (If Any):

**Terms and conditions covering the test report issued.**

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**End of Report**

For BEIL Infrastructure Ltd.

F/   
AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

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



**BEIL INFRASTRUCTURE LTD.**  
**ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY**  
**TEST REPORT**

<b>Report No:</b> DS/18052024	<b>Date:</b> 18-05-2024	<b>Page No:</b> 1/1
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<b>Name and Address of the Customer</b>	BEIL INFRASTRUCTURE LIMITED PLOT NO. D/43, DAHEJ-AMOD ROAD, G.I.D.C-DAHEJ-392 130 TALUKA-VAGRA, DIST-BHARUCH (GUJARAT)		
<b>Sample Description</b>	Stack Sampling	<b>Sample Identification/Code</b>	DG Stack(600KVA)
<b>Sample Quantity</b>	---	<b>Date of Sampling</b>	16-May-2024
<b>Sampling Location</b>	DG Room	<b>Date of Receipt Sample</b>	16-May-2024
<b>Sample Collected by</b>	Hemant Patel	<b>Date of Start Analysis</b>	16-May-2024
<b>Sampling Procedure</b>	---	<b>Date of Completion Analysis</b>	17-May-2024

Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm <sup>3</sup>	49.18	IS:11255 (P-1) 1985
2	SULPHUR DIOXIDE	100	ppm	10.13	IS:11255 (P-2) 1985
3	NITROGEN OXIDE	50	ppm	21.17	IS:11255 (P-7) 2005

Remarks (If Any):

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**End of Report**

For BEIL Infrastructure Ltd.

  
**AUTHORIZED SIGNATORY**  
**MR. SATHISHKUMAR GADDAM**

Plot No. D-43 GIDC Dahej, Dist.: Bharuch (Gujarat), Dahej-392130  
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CIN No.: U45300GJ1997PLC032696





**BEIL INFRASTRUCTURE LTD.**  
**ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY**  
**TEST REPORT**

<b>Report No:</b> BS/20240623	<b>Date:</b> 23-06-2024	<b>Page No:</b> 1/1
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<b>Name and Address of the Customer</b>	BEIL INFRASTRUCTURE LIMITED PLOT NO. D/43, DAHEJ-AMOD ROAD, G.I.D.C-DAHEJ-392 130 TALUKA-VAGRA, DIST-BHARUCH (GUJARAT)		
<b>Sample Description</b>	Stack Sampling	<b>Sample Identification/Code</b>	Boiler Stack
<b>Sample Quantity</b>	25 mL	<b>Date of Sampling</b>	22-June-2024
<b>Sampling Location</b>	Boiler Plant	<b>Date of Receipt Sample</b>	22-June-2024
<b>Sample Collected by</b>	Hemant Patel	<b>Date of Start Analysis</b>	22-June-2024
<b>Sampling Procedure</b>	As per IS 11255	<b>Date of Completion Analysis</b>	22-June-2024

Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	PM	150	mg/Nm3	47.19	IS:11255 (P-1) 1985
2	SULPHUR DIOXIDE	100	ppm	5.42	IS:11255 (P-2) 1985
3	NITROGEN OXIDE	50	ppm	14.20	IS:11255 (P-7) 2005

Remarks (If Any):

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**End of Report**

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

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

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

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

CIN No.: U45300GJ1997PLC032696



**BEIL INFRASTRUCTURE LTD.**  
**ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY**  
**TEST REPORT**

<b>Report No:</b> DS/20240623	<b>Date:</b> 23-06-2024	<b>Page No:</b> 1/1
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<b>Name and Address of the Customer</b>	BEIL INFRASTRUCTURE LIMITED PLOT NO. D/43, DAHEJ-AMOD ROAD, G.I.D.C-DAHEJ-392 130 TALUKA-VAGRA, DIST-BHARUCH (GUJARAT)		
<b>Sample Description</b>	Stack Sampling	<b>Sample Identification/Code</b>	DG Stack (910KVA)
<b>Sample Quantity</b>	01	<b>Date of Sampling</b>	22-June-2024
<b>Sampling Location</b>	Nr. Incinerator Plant	<b>Date of Receipt Sample</b>	22-June-2024
<b>Sample Collected by</b>	Hemant Patel	<b>Date of Start Analysis</b>	22-June-2024
<b>Sampling Procedure</b>	As per IS 11255	<b>Date of Completion Analysis</b>	22-June-2024

Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	Particular Matter (PM)	150	mg/Nm3	49.17	IS:11255 (P-1) 1985
2	SULPHUR DIOXIDE	100	ppm	9.36	IS:11255 (P-2) 1985
3	NITROGEN OXIDE	50	ppm	17.16	IS:11255 (P-7) 2005

Remarks (If Any):

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**End of Report**

For BEIL Infrastructure Ltd.

  
**AUTHORIZED SIGNATORY**  
**MR. SATHISHKUMAR GADDAM**

Plot No. D-43 GIDC Dahej, Dist.: Bharuch (Gujarat), Dahej-392130  
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CIN No.: U45300GJ1997PLC032696



**BEIL INFRASTRUCTURE LTD.**  
**ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY**  
**TEST REPORT**

Report No: BS/20240726	Date: 26-07-2024	Page No: 1/1
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Name and Address of the Customer	BEIL INFRASTRUCTURE LIMITED PLOT NO. D/43, DAHEJ-AMOD ROAD, G.I.D.C-DAHEJ-392 130 TALUKA-VAGRA, DIST-BHARUCH (GUJARAT)		
Sample Description	Stack Sampling	Sample Identification/Code	Boiler Stack
Sample Quantity	--	Date of Sampling	24-July-2024
Sampling Location	Boiler Plant	Date of Receipt Sample	24-July-2024
Sample Collected by	Hemant Patel	Date of Start Analysis	24-July-2024
Sampling Procedure	As per IS 11255	Date of Completion Analysis	25-July-2024

Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	Particulate Matter (PM)	150	mg/Nm <sup>3</sup>	18.39	IS:11255 (P-1) 1985
2	Sulphur Dioxide	100	ppm	1.62	IS:11255 (P-2) 1985
3	Nitrogen Oxide	50	ppm	12.38	IS:11255 (P-7) 2005

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**End of Report**

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY  
MR. SATHISHKUMAR GADDAM



**BEIL INFRASTRUCTURE LTD.**  
**ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY**  
**TEST REPORT**

Report No: DS/20240713	Date: 13-07-2024	Page No: 1/1
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Name and Address of the Customer	BEIL INFRASTRUCTURE LIMITED PLOT NO. D/43, DAHEJ-AMOD ROAD, G.I.D.C-DAHEJ-392 130 TALUKA-VAGRA, DIST-BHARUCH (GUJARAT)		
Sample Description	Stack Sampling	Sample Identification/Code	DG Stack(600KVA)
Sample Quantity	01	Date of Sampling	12-July-2024
Sampling Location	DG Room	Date of Receipt Sample	12-July-2024
Sample Collected by	Hemant Patel	Date of Start Analysis	12-July-2024
Sampling Procedure	As per IS 11255	Date of Completion Analysis	13-July-2024

Sr No	Parameters	Permissible Unit	Unit	Results	Method Ref.
1	Particular Matter (PM)	150	mg/Nm <sup>3</sup>	37.89	IS:11255 (P-1) 1985
2	Sulphur Dioxide	100	ppm	8.26	IS:11255 (P-2) 1985
3	Nitrogen Oxide	50	ppm	13.89	IS:11255 (P-7) 2005

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**End of Report**

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY  
MR. SATHISHKUMAR GADDAM

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



# BEIL INFRASTRUCTURE LIMITED

ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY

## TEST REPORT

Report No: BS001/20240808	Date: 10-08-2024	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	01	Date of Sampling	08-Aug-2024
Sampling Location	Boiler Plant	Date of Receipt of Sample	08-Aug-2024
Sample Collected by	Hemant Patel	Date of Start of Analysis	08-Aug-2024
Sampling Procedure	As per IS 11255	Date of Completion of Analysis	09-Aug-2024

Sr. No.	Parameters	Unit	Results	Permissible Limit	Method Ref.
01	Particulate Matter (PM)	mg/Nm <sup>3</sup>	24.17	150	IS:11255 (P-1) 1985
02	Sulphur Dioxide (SO <sub>2</sub> )	ppm	1.05	100	IS:11255 (P-2) 1985
03	Nitrogen Dioxide (NO <sub>2</sub> )	ppm	7.54	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

E-mail – [mistryrg@beil.co.in](mailto:mistryrg@beil.co.in) Cell no: 9099057365

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

CIN No.: U45300GJ1997PLC032696





# BEIL INFRASTRUCTURE LIMITED

**ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY**

## **TEST REPORT**

**Report No:** DS001/20240808

**Date:** 09-08-2024

**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 (600 KVA)
Sample Quantity	1.0	Date of Sampling	08-Aug-2024
Sampling Location	Near PCC Room	Date of Receipt of Sample	08-Aug-2024
Sample Collected by	Hemant Patel	Date of Start of Analysis	08-Aug-2024
Sampling Procedure	As per IS 11255	Date of Completion of Analysis	08-Aug-2024

Sr. No.	Parameters	Unit	Results	Permissible Limit	Method Ref.
01	Particulate Matter (PM)	mg/Nm <sup>3</sup>	51.70	150	IS:11255 (P-1) 1985
02	Sulphur Dioxide (SO <sub>2</sub> )	ppm	3.99	100	IS:11255 (P-2) 1985
03	Nitrogen Dioxide (NO <sub>2</sub> )	ppm	9.14	50	IS:11255 (P-7) 1985

Remarks (If Any):

### **End of Report**

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For BEIL Infrastructure Limited

*(Signature)*  
03/09/2024

**AUTHORIZED SIGNATORY**

**SATHISHKUMAR GADDAM**  
(TECHNICAL MANAGER)

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

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CIN No.: U45300GJ1997PLC032696



# BEIL INFRASTRUCTURE LIMITED

ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY

## TEST REPORT

Report No: DS002/20240912	Date: 12-09-2024	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 (910 KVA)
Sample Quantity	1.0	Date of Sampling	10-Sep-2024
Sampling Location	Near PCC Room	Date of Receipt of Sample	10-Sep-2024
Sample Collected by	Hemant Patel	Date of Start of Analysis	10-Sep-2024
Sampling Procedure	As per IS 11255	Date of Completion of Analysis	11-Sep-2024

Sr. No.	Parameters	Unit	Results	Permissible Limit	Method Ref.
01	Particulate Matter (PM)	mg/Nm <sup>3</sup>	46.36	150	IS:11255 (P-1) 1985
02	Sulphur Dioxide (SO <sub>2</sub> )	ppm	4.59	100	IS:11255 (P-2) 1985
03	Nitrogen Dioxide (NO <sub>2</sub> )	ppm	10.30	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

E-mail – [mistryrg@beil.co.in](mailto:mistryrg@beil.co.in) Cell no: 9099057365

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

CIN No.: U45300GJ1997PLC032696



## LABORATORY TESTING REPORT

Report No.: VE/AA/202404/0004	Date:	06/05/2024
URL No.: TC0958124000000113F		
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. Manish Shah	
Sample Collection Date	30/04/2024	Sampling Type : -
Sample Receipt Date	30/04/2024	Sample ID : AA/202404/0004
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 : 30/04/2024
Packing / Seal	Cap Seal	Analysis Completed On : 01/05/2024
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	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	25.1	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	19.8	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	25.4	80	IS 5182 (Part 6) 2006
5.	Chlorine 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>	6.4	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>	BDL<1.0	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

Authorized Signatory  
Anklesh



# VASUNDHARA ENTERPRISE

## ENVIRONMENT CONSULTANTS

- EPA (MOEF & CC) Recognized Laboratory
- NABL Accredited Laboratory (TC-9581)
- ISO 9001:2015, 14001:2015 & 45001:2018
- GPCB Authorized Environment Auditors

### LABORATORY TESTING REPORT

Report No.: VE/AA/202404/0004		Date: 06/05/2024	
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. Manish Shah	
Sample Collection Date	:	30/04/2024	Sampling Type :
Sample Receipt Date	:	30/04/2024	Sample ID : AA/202404/0004
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 : 30/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 01/05/2024
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>	0.3	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-----

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

Authorized Signatory  
Ankleshwar



# VASUNDHARA ENTERPRISE

## ENVIRONMENT CONSULTANTS

- EPA (MOEF & CC) Recognized Laboratory
- ISO 9001:2015, 14001:2015 & 45001:2018

- NABL Accredited Laboratory (TC-9581)
- GPCB Authorized Environment Auditors



### LABORATORY TESTING REPORT

Report No.: VE/AA/202404/0005		Date: 06/05/2024	
URL No.: TC0958124000000114F			
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. Manish Shah	
Sample Collection Date	:	30/04/2024	Sampling Type : -
Sample Receipt Date	:	30/04/2024	Sample ID : AA/202404/0005
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 : 30/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 01/05/2024
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>	68	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	30.5	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	19.1	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	24.9	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>	9.6	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.	Ozon	µg/m <sup>3</sup>	BDL<1.0	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

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- ISO 9001:2015, 14001:2015 & 45001:2018
- GPCB Authorized Environment Auditors

### LABORATORY TESTING REPORT

Report No.: VE/AA/202404/0005	Date: 06/05/2024		
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. Manish Shah		
Sample Collection Date	: 30/04/2024	Sampling Type	:
Sample Receipt Date	: 30/04/2024	Sample ID	: AA/202404/0005
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	: 30/04/2024
Packing / Seal	: Cap Seal	Analysis Completed On	: 01/05/2024
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>	0.51	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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### LABORATORY TESTING REPORT

Report No.: VE/AA/202404/0006		Date:		06/05/2024		
URL No.: TC0958124000000115F						
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. Manish Shah			
Sample Collection Date		:	30/04/2024	Sampling Type	:	-
Sample Receipt Date		:	30/04/2024	Sample ID	:	AA/202404/0006
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	:	30/04/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	01/05/2024
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	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	27.3	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	20.4	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	26.7	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>	8.6	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>	BDL<1.0	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

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- GPCB Authorized Environment Auditors

### LABORATORY TESTING REPORT

Report No.: VE/AA/202404/0006		Date:		06/05/2024	
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. Manish Shah		
Sample Collection Date		:	30/04/2024	Sampling Type	:
Sample Receipt Date		:	30/04/2024	Sample ID	:
Sampling Location		:	Near EB 2 Borewell	Sample Description	:
Sample Collected / Submitted by		:	VE Team	Protocol used for monitoring	:
Quantity / No. of Sample		:	1-1 Filter Paper & Scrub Absorbing Media/Each	Analysis Started On	:
Packing / Seal		:	Cap Seal	Analysis Completed On	:
Type of Container		:	Plastic Container	Format No.	:
Meteorological condition during monitoring		:	Clear Sky	Actual duration of Monitoring, (Hours)	:
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>	0.57	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)

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### LABORATORY TESTING REPORT

Report No.: VE/AA/202405/0007		Date: 01/06/2024	
URL No.: TC0958124000000186F			
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. Manish Shah	
Sample Collection Date	:	25/05/2024	Sampling Type : -
Sample Receipt Date	:	25/05/2024	Sample ID : AA/202405/0007
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 : 26/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 26/05/2024
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>	53.2	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	24.5	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	12.3	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	24.3	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>	5.9	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.	Ozone	µg/m <sup>3</sup>	BDL<1.0	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

  
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### LABORATORY TESTING REPORT

Report No.: VE/AA/202405/0007		Date: 01/06/2024	
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. Manish Shah	
Sample Collection Date	:	25/05/2024	Sampling Type : -
Sample Receipt Date	:	25/05/2024	Sample ID : AA/202405/0007
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 : 26/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 26/05/2024
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>	0.41	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 (C6H6)	µg/m <sup>3</sup>	BDL<2.0	Not Specified	IS 5182 (Part 11)

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### LABORATORY TESTING REPORT

Report No.: VE/AA/202405/0008		Date: 01/06/2024	
URL No.: TC0958124000000187F			
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. Manish Shah	
Sample Collection Date	:	25/05/2024	Sampling Type : -
Sample Receipt Date	:	25/05/2024	Sample ID : AA/202405/0008
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 : 26/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 26/05/2024
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>	65.9	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	28.3	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	11.4	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	25.1	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>	8.3	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.	Ozon	µg/m <sup>3</sup>	BDL<1.0	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

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- GPCB Authorized Environment Auditors

## LABORATORY TESTING REPORT

Report No.: VE/AA/202405/0008		Date: 01/06/2024	
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. Manish Shah	
Sample Collection Date	:	25/05/2024	Sampling Type : -
Sample Receipt Date	:	25/05/2024	Sample ID : AA/202405/0008
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 : 26/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 26/05/2024
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>	0.57	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)

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## LABORATORY TESTING REPORT

Report No.: VE/AA/202405/0009		Date: 01/06/2024	
URL No.: TC0958124000000188F			
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. Manish Shah	
Sample Collection Date	:	25/05/2024	Sampling Type : -
Sample Receipt Date	:	25/05/2024	Sample ID : AA/202405/0009
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 : 26/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 26/05/2024
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>	60.7	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>	9.6	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	27.1	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>	9.1	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>	BDL<1.0	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

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- GPCB Authorized Environment Auditors

### LABORATORY TESTING REPORT

Report No.: VE/AA/202405/0009	Date:	01/06/2024			
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. Manish Shah			
Sample Collection Date	:	25/05/2024	Sampling Type	:	-
Sample Receipt Date	:	25/05/2024	Sample ID	:	AA/202405/0009
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	:	26/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	26/05/2024
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>	0.61	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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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.

*Signature*  
Verified By

*Signature*  
Authorized Signatory



# VASUNDHARA ENTERPRISE

## ENVIRONMENT CONSULTANTS

- EPA (MOEF & CC) Recognized Laboratory
- NABL Accredited Laboratory (TC-9581)
- ISO 9001:2015, 14001:2015 & 45001:2018
- GPCB Authorized Environment Auditors



### LABORATORY TESTING REPORT

Report No.: VE/AA/202406/0004		Date: 27/06/2024	
URL No.: TC0958124000000278F			
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	:	22/06/2024	Sampling Type : -
Sample Receipt Date	:	22/06/2024	Sample ID : AA/202406/0004
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 : 22/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 23/06/2024
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>	63.6	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	28.6	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	10.9	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	22.8	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>	4.9	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.	Ozone	µg/m <sup>3</sup>	8.4	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	ng/m <sup>3</sup>	BDL<0.5	Not Specified	IS: 5182(Part 26): 2020

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1 of 2

#### Head Office:

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

Contact: Mo.: +91-93136 16978 / 93136 16730

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Website : www.vasundharaenterprise.in



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- GPCB Authorized Environment Auditors

## LABORATORY TESTING REPORT

Report No.: VE/AA/202406/0004		Date: 27/06/2024	
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	
Sample Collection Date	:	22/06/2024	Sampling Type : -
Sample Receipt Date	:	22/06/2024	Sample ID : AA/202406/0004
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 : 22/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 23/06/2024
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>	0.28	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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Authorized Signatory  
Anil Keshwar 06

2 of 2

#### Head Office:

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Website : www.vasundharaenterprise.in





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## LABORATORY TESTING REPORT

Report No.: VE/AA/202406/0005		Date: 27/06/2024	
URL No.: TC0958124000000279F			
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	:	22/06/2024	Sampling Type : -
Sample Receipt Date	:	22/06/2024	Sample ID : AA/202406/0005
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 : 22/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 23/06/2024
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>	62.8	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	26.4	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	12.1	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>	6.5	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>	9.2	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

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#### Head Office:

S-306 & 308, Multilevel Shed-2, Opp. Kanoria Chemicals,  
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- GPCB Authorized Environment Auditors

## LABORATORY TESTING REPORT

Report No.: VE/AA/202406/0005		Date: 27/06/2024	
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	
Sample Collection Date	:	22/06/2024	Sampling Type : -
Sample Receipt Date	:	22/06/2024	Sample ID : AA/202406/0005
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 : 22/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 23/06/2024
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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08

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#### Head Office:

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# VASUNDHARA ENTERPRISE

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- GPCB Authorized Environment Auditors



### LABORATORY TESTING REPORT

Report No.: VE/AA/202406/0006		Date: 27/06/2024	
URL No.: TC0958124000000280F			
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	:	22/06/2024	Sampling Type : -
Sample Receipt Date	:	22/06/2024	Sample ID : AA/202406/0006
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 : 22/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 23/06/2024
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>	58.3	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	27.2	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	10.2	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	25.4	80	IS 5182 (Part 6) 2006
5.	Chlorine 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>	8.3	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>	7.8	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

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- NABL Accredited Laboratory (TC-9581)
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- GPCB Authorized Environment Auditors

## LABORATORY TESTING REPORT

Report No.: VE/AA/202406/0006		Date: 27/06/2024	
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, Gujarat,	
Contact Person	:	Mr. Kamalkant Raut	
Sample Collection Date	:	22/06/2024	Sampling Type : -
Sample Receipt Date	:	22/06/2024	Sample ID : AA/202406/0006
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 : 22/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 23/06/2024
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>	0.52	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-----

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### LABORATORY TESTING REPORT

Report No.: VE/AA/202407/0006		Date: 24/07/2024	
URL No.: TC0958124000000378F			
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	:	17/07/2024	Sampling Type : -
Sample Receipt Date	:	17/07/2024	Sample ID : AA/202407/0006
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 : 17/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 18/07/2024
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>	58.62	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	27.14	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>	21.22	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>	5.6	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	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/202407/0006			Date: 24/07/2024			
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			
Sample Collection Date		:	17/07/2024	Sampling Type	:	-
Sample Receipt Date		:	17/07/2024	Sample ID	:	AA/202407/0006
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	:	17/07/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	18/07/2024
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>	0.32	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 (C6H6)	µg/m <sup>3</sup>	BDL<2.0	Not Specified	IS 5182 (Part 11)

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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  
Ankleshwar  
Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

2 of 2  
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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/202407/0008		Date: 24/07/2024	
URL No.: TC0958124000000380F			
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	:	17/07/2024	Sampling Type : -
Sample Receipt Date	:	17/07/2024	Sample ID : AA/202407/0008
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 : 17/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 18/07/2024
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>	57.42	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	25.6	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	8.72	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	24.1	80	IS 5182 (Part 6) 2006
5.	Chlorine 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>	6.2	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>	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	µg/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"

1 of 2  
Reg. Office :  
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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/202407/0008		Date: 24/07/2024	
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	
Sample Collection Date	:	17/07/2024	Sampling Type : -
Sample Receipt Date	:	17/07/2024	Sample ID : AA/202407/0008
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 : 17/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 18/07/2024
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>	0.43	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)

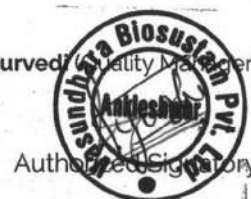
-----End Report-----

This Report is issued under the following terms & Condition:

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Enterprise.
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Verified By

Ayushi K Chaturvedi (Quality Manager)





## LABORATORY TESTING REPORT

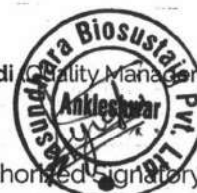
Report No.: VE/AA/202407/0009	Date:	24/07/2024
URL No.: TC0958124000000381F		
Name & Address of Customer	M/s. BEIL Infrastructure Ltd. Plot No. D-43, Dahej Amod Road, Near Bharat Rasayan, Dahej Ta : Vagra District : Bharuch. Pin- 392130, Gujrat,	
Contact Person	Mr. Kamalkant Raut	
Sample Collection Date	17/07/2024	Sampling Type : -
Sample Receipt Date	17/07/2024	Sample ID : AA/202407/0009
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 : 17/07/2024
Packing / Seal	Cap Seal	Analysis Completed On : 18/07/2024
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>	50.14	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	21.24	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	6.45	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	23.4	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>	7.9	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.	Ozone	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

*Akshar*  
Verified By

Ayushi K Chaturvedi



Authorized Signatory

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### LABORATORY TESTING REPORT

Report No.: VE/AA/202407/0009		Date:		24/07/2024		
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			
Sample Collection Date		:	17/07/2024	Sampling Type	:	-
Sample Receipt Date		:	17/07/2024	Sample ID	:	AA/202407/0009
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	:	17/07/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	18/07/2024
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>	0.58	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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*A. Patel*  
Verified By

Ayushi K Chaturvedi (Quality Manager)





**LABORATORY TESTING REPORT**

Report No.: VE/AA/202408/0004		Date: 16/08/2024	
URL No.: TC0958124000000436F			
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	:	07/08/2024	Sampling Type : -
Sample Receipt Date	:	08/08/2024	Sample ID : AA/202408/0004
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 : 08/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 10/08/2024
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>	54.2	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	25.8	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	8.64	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	22.7	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>	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.	Ozone	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	ng/m <sup>3</sup>	BDL<0.5	Not Specified	IS: 5182(Part 26): 2020

Ayushi K Chaturvedi (Quality Manager)

  
Verified By

  
Authorized Signatory





### LABORATORY TESTING REPORT

Report No.: VE/AA/202408/0004			Date: 16/08/2024			
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		:	07/08/2024	Sampling Type	:	-
Sample Receipt Date		:	08/08/2024	Sample ID	:	AA/202408/0004
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	:	08/08/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	10/08/2024
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>	0.41	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 (C6H6)	µg/m <sup>3</sup>	BDL<2.0	Not Specified	IS 5182 (Part 11)

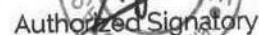
### -----End Report-----

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Verified By

Ayushi K Chaturvedi (Quality Manager)

  
Authorized Signatory

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Website : www.vasundharaenterprise.in

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



### LABORATORY TESTING REPORT

Report No.: VE/AA/202408/0005			Date: 16/08/2024			
URL No.: TC0958124000000437F						
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		:	07/08/2024	Sampling Type	:	-
Sample Receipt Date		:	08/08/2024	Sample ID	:	AA/202408/0005
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	:	08/08/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	10/08/2024
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>	51.5	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	24.2	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	7.84	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	23.2	80	IS 5182 (Part 6) 2006
5.	Chlorine 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>	5.9	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>	5.8	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)

*Ayushi K Chaturvedi*  
Authorized Signatory



# 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

## LABORATORY TESTING REPORT

LABORATORY TESTING REPORT

Report No.: VE/AA/202408/0005			Date: 16/08/2024			
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		:	07/08/2024	Sampling Type	:	-
Sample Receipt Date		:	08/08/2024	Sample ID	:	AA/202408/0005
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	:	08/08/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	10/08/2024
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

2 of 2  
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Laboratory :  
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**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



**LABORATORY TESTING REPORT**

Report No.: VE/AA/202408/0006		Date: 16/08/204	
URL No.: TC0958124000000438F			
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	:	07/08/2024	Sampling Type : -
Sample Receipt Date	:	08/08/2024	Sample ID : AA/202408/0006
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 : 08/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 10/08/2024
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>	48.3	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	20.6	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>	22.3	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>	7.5	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>	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	µg/m <sup>3</sup>	BDL<0.5	Not Specified	IS: 5182(Part 26): 2020

  
Verified By

Ayushi K Chaturvedi (Quality Manager)

  
Authorized Signatory



# 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

## LABORATORY TESTING REPORT

Report No.: VE/AA/202408/0006			Date: 16/08/204			
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		:	07/08/2024	Sampling Type	:	-
Sample Receipt Date		:	08/08/2024	Sample ID	:	AA/202408/0006
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	:	08/08/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	10/08/2024
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>	0.57	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-----

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

2 of 2

Reg. Office :

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

Formerly known as "VASUNDHARA ENTERPRISE"

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

10



## LABORATORY TESTING REPORT

Report No.: VE/AA/202409/0005		Date: 21/09/2024	
URL No.: TC0958124000000534F			
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	:	14/09/2024	Sampling Type : -
Sample Receipt Date	:	15/09/2024	Sample ID : AA/202409/0005
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 : 15/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 21/09/2024
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>	55.6	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	24.8	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	7.25	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	24.5	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>	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

Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Signatory



## LABORATORY TESTING REPORT

Report No.: VE/AA/202409/0005		Date: 21/09/2024	
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	:	14/09/2024	Sampling Type : -
Sample Receipt Date	:	15/09/2024	Sample ID : AA/202409/0005
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 : 15/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 21/09/2024
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>	0.51	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-----

This Report is issued under the following terms & Condition:

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

  
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Ayushi K Chaturvedi (Quality Manager)

  
Authorized Signatory





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

- NABL Accredited Laboratory (TC-9581)
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- QCI-NABET Accredited EIA Consultant
- GPCB Authorized Environment Auditors



**LABORATORY TESTING REPORT**

Report No.: VE/AA/202409/0006		Date: 21/09/2024	
URL No.: TC0958124000000535F			
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	:	14/09/2024	Sampling Type : -
Sample Receipt Date	:	15/09/2024	Sample ID : AA/202409/0006
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 : 15/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 21/09/2024
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>	52.4	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	22.8	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	7.52	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>	6.2	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>	5.3	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)

  
Authorized Signatory



### LABORATORY TESTING REPORT

Report No.: VE/AA/202409/0006			Date: 21/09/2024			
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		:	14/09/2024	Sampling Type	:	-
Sample Receipt Date		:	15/09/2024	Sample ID	:	AA/202409/0006
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	:	15/09/2024
Packing / Seal		:	Cap Seal	Analysis Completed On	:	21/09/2024
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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- OCI-NABET Accredited EIA Consultant
- GPCB Authorized Environment Auditors



## LABORATORY TESTING REPORT

Report No.: VE/AA/202409/0007		Date: 21/09/2024	
URL No.: TC0958124000000536F			
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	:	14/09/2024	Sampling Type : -
Sample Receipt Date	:	15/09/2024	Sample ID : AA/202409/0007
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 : 15/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 21/09/2024
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>	47.5	100	IS 5182 (Part 23) 2006
2.	Particulate Matter PM <sub>2.5</sub>	µg/m <sup>3</sup>	20.6	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO <sub>2</sub>	µg/m <sup>3</sup>	6.25	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO <sub>2</sub>	µg/m <sup>3</sup>	20.9	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>	2.8	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/202409/0007		Date: 21/09/2024	
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	:	14/09/2024	Sampling Type : -
Sample Receipt Date	:	15/09/2024	Sample ID : AA/202409/0007
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 : 15/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 21/09/2024
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>	0.52	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)

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

Verified By

Ayushi K Chaturvedi (Quality Manager)



Authorized Signatory



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

*Blue Ink 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





01c

**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

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4/6/24  
Recd 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 repots (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	•			•			•			•		

Date:	04/11/2024
Time:	12:15
Faculty:	Safety Department
Venue:	Lab QC
Topic:	Lab safety

[illegible]

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

Date:	07/10/2024
Time:	16:50 to 17:00
Faculty:	Satish
Venue:	main Gate
Topic:	How to Safe driving training

Sr. No	Name of Participants	Department	Signature
1)	mahesh	driver	महेश
2)	Laxman	"	लखन
3)	Ram moham singh	"	राम मोहन सिंह
4)	Bhuvan singh	"	भुवन सिंह
5)	Kurthi	"	कुरुति
6)	Kiran	"	किरण
7)	Rakesh	"	राकेश
8)	Kanchan	"	कान्छन
9)	Kalpesh	"	कल्पेश
10)	Kamlesh	"	कमलेश
11)	Farihael	"	फरीहाल
12)	Vikash kumar	Sch driver	Vikash kumar
13)	Jag moham	driver	Jagmohan
14)	Sumarjit	"	सुमारजित
15)	Shitin kumar	"	शितिन
16)	Alok kumar	"	अलोक कुमार
17)	mintu Patel	"	मिन्तु पटेल
18)	dablu	"	दाब्लु



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

Date:	30/08/24
Time:	9:40
Faculty:	Vijay Chhetan
Venue:	Shed - 2, 3, 3
Topic:	General Safety Training, Use of fire extinguisher

Sr. No	Name of Participants	Department	Signature
1	Ranjit Kumar	Shed - 2, 3, 3	Ranjit Kumar
2	Rushpeter		Rushpeter
3	Surenar		Surenar
4	Jagatbhaadur	"	Jagatbhaadur
5	Sobota Meela	"	Sobota
6	Sureshendra	"	Sureshendra
7	Manish Kumar	"	Manish Kumar
8	Ramdhani	"	Ramdhani
9	Prakash	"	Prakash Kumar
10	Angres	"	ANGRES
11	Paldan Mandal	"	Paldan Mandal
12	Chander	"	Chander
13	Piyush	"	Piyush
14	Mitesh	"	Mitesh
15	Galshan Kumar	"	Galshan Kumar





# VASUNDHARA ENTERPRISE

## ENVIRONMENT CONSULTANTS

- EPA (MOEF & CC) Recognized Laboratory
- ISO 9001:2015, 14001:2015 & 45001:2018

- NABL Accredited Laboratory (TC-9581)
- GPCB Authorized Environment Auditors



## Annexure-12

### LABORATORY TESTING REPORT

Report No.: VE/AN/202404/0002		Date: 06/05/2024	
URL No.: TC0958124000000112F			
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. Manish Shah	
Sample Collection Date	:	30/04/2024	Sampling Type : Instrument Method
Sample Receipt Date	:	30/04/2024	Sample ID : AN/202404/0002
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	62	75	55	70	dB(A)	IS 9989-1991
2.	Behind Admin Building	60	75	52	70	dB(A)	IS 9989-1991
3.	Near EB-1 Borewell	51	75	47	70	dB(A)	IS 9989-1991
4.	Behind Landfill Cell No-06	64	75	49	70	dB(A)	IS 9989-1991
5.	Near Drumshed Area	62	75	58	70	dB(A)	IS 9989-1991
6.	Opp. Khetan Industries	52	75	49	70	dB(A)	IS 9989-1991
7.	Near Stabilization Plant	70	75	66	70	dB(A)	IS 9989-1991
8.	Near DG Set	71	75	63	70	dB(A)	IS 9989-1991
9.	Near Monsoon Shed (New)	68	75	52	70	dB(A)	IS 9989-1991

-----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:

Authorized Signatory:



# VASUNDHARA ENTERPRISE

## ENVIRONMENT CONSULTANTS

- EPA (MOEF & CC) Recognized Laboratory
- NABL Accredited Laboratory (TC-9581)
- ISO 9001:2015, 14001:2015 & 45001:2018
- GPCB Authorized Environment Auditors



### LABORATORY TESTING REPORT

Report No.: VE/AN/202405/0004		Date: 01/06/2024	
URL No.: TC0958124000000185F			
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. Manish Shah	
Sample Collection Date	: 25/05/2024	Sampling Type	: Instrument Method
Sample Receipt Date	: 25/05/2024	Sample ID	: AN/202405/0004
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	62	75	52	70	dB(A)	IS 9989-1991
2.	Behind Admin Building	61	75	55	70	dB(A)	IS 9989-1991
3.	Near EB-1 Borewell	54	75	50	70	dB(A)	IS 9989-1991
4.	Behind Landfill Cell No-06	57	75	48	70	dB(A)	IS 9989-1991
5.	Near Drumshed Area	65	75	60	70	dB(A)	IS 9989-1991
6.	Opp. Khetan Industries	56	75	51	70	dB(A)	IS 9989-1991
7.	Near Stabilization Plant	68	75	64	70	dB(A)	IS 9989-1991
8.	Near DG Set	70	75	65	70	dB(A)	IS 9989-1991
9.	Near Monsoon Shed (New)	62	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 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  
*[Signature]*

Authorized Signatory  
*[Signature]*  
Ankleshwar



# VASUNDHARA ENTERPRISE

## ENVIRONMENT CONSULTANTS

- EPA (MOEF & CC) Recognized Laboratory
- ISO 9001:2015, 14001:2015 & 45001:2018

- NABL Accredited Laboratory (TC-9581)
- GPCB Authorized Environment Auditors



### LABORATORY TESTING REPORT

Report No.: VE/AN/202406/0002		Date: 27/06/2024	
URL No.: TC0958124000000277F			
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 :	21/06/2024	Sampling Type :	Instrument Method
Sample Receipt Date :	21/06/2024	Sample ID :	AN/202406/0002
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	59	75	54	70	dB(A)	IS 9989-1991
2.	Behind Admin Building	56	75	51	70	dB(A)	IS 9989-1991
3.	Near EB-1 Borewell	58	75	56	70	dB(A)	IS 9989-1991
4.	Behind Landfill Cell No-06	61	75	57	70	dB(A)	IS 9989-1991
5.	Near Drumshed Area	69	75	63	70	dB(A)	IS 9989-1991
6.	Opp. Khetan Industries	55	75	53	70	dB(A)	IS 9989-1991
7.	Near Stabilization Plant	61	75	56	70	dB(A)	IS 9989-1991
8.	Near DG Set	70	75	65	70	dB(A)	IS 9989-1991
9.	Near Monsoon Shed (New)	59	75	52	70	dB(A)	IS 9989-1991

-----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.

*Apate*  
Verified By

*ANKLASHWAR*  
Authorized Signatory  
ANKLASHWAR



## LABORATORY TESTING REPORT

Report No.: VE/AN/202407/0002		Date:24/07/2024	
URL No.: TC0958124000000377F			
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		: 16/07/2024	Sampling Type : Instrument Method
Sample Receipt Date		: 16/07/2024	Sample ID : AN/202407/0002
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	58.4	75	55	70	dB(A)	IS 9989-1991
2.	Behind Admin Building	57.8	75	53	70	dB(A)	IS 9989-1991
3.	Near EB-1 Borewell	58.6	75	48	70	dB(A)	IS 9989-1991
4.	Behind Landfill Cell No-06	56.6	75	46	70	dB(A)	IS 9989-1991
5.	Near Drumshed Area	69.2	75	60	70	dB(A)	IS 9989-1991
6.	Opp. Khetan Industries	52	75	50	70	dB(A)	IS 9989-1991
7.	Near Stabilization Plant	62.4	75	52	70	dB(A)	IS 9989-1991
8.	Near DG Set	71	75	64	70	dB(A)	IS 9989-1991
9.	Near Monsoon Shed (New)	68	75	51	70	dB(A)	IS 9989-1991

-----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.

*Afate*  
Verified By

Ayushi K Chaturvedi (Quality Manager)



Formerly known as "VASUNDHARA ENTERPRISE"

Page No 1 of 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

Laboratory :

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





## LABORATORY TESTING REPORT

Report No.: VE/AN/202408/0002		Date:16/08/2024	
URL No.: TC0958124000000335F			
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	:	08/08/2024	Sampling Type : Instrument Method
Sample Receipt Date	:	08/08/2024	Sample ID : AN/202408/0002
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	58	75	54	70	dB(A)	IS 9989-1991
2.	Behind Admin Building	56	75	52	70	dB(A)	IS 9989-1991
3.	Near EB-1 Borewell	51	75	47	70	dB(A)	IS 9989-1991
4.	Behind Landfill Cell No-06	60	75	52	70	dB(A)	IS 9989-1991
5.	Near Drumshed Area	67	75	61	70	dB(A)	IS 9989-1991
6.	Opp. Khetan Industries	60	75	55	70	dB(A)	IS 9989-1991
7.	Near Stabilization Plant	62	75	55	70	dB(A)	IS 9989-1991
8.	Near DG Set	72	75	61	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/202409/0002		Date:21/09/2024	
URL No.: TC0958124000000533F			
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	:	14/09/2024	Sampling Type : Instrument Method
Sample Receipt Date	:	14/09/2024	Sample ID : AN/202409/0002
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	60.7	75	56	70	dB(A)	IS 9989-1991
2.	Behind Admin Building	59.2	75	53	70	dB(A)	IS 9989-1991
3.	Near EB-1 Borewell	52	75	49	70	dB(A)	IS 9989-1991
4.	Behind Landfill Cell No-06	63	75	55	70	dB(A)	IS 9989-1991
5.	Near Drumshed Area	68	75	62	70	dB(A)	IS 9989-1991
6.	Opp. Khetan Industries	62	75	53	70	dB(A)	IS 9989-1991
7.	Near Stabilization Plant	65	75	53	70	dB(A)	IS 9989-1991
8.	Near DG Set	70	75	63	70	dB(A)	IS 9989-1991
9.	Near Monsoon Shed (New)	63	75	56	70	dB(A)	IS 9989-1991

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

This Report is issued under the following terms & Condition:

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

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory





## BLDG.NAME

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

## COLOUR CODE

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

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

**BEIL INFRASTRUCTURE LTD.**

PLOT NO : 43

G.I.D.C., DAHEJ

TAL:- VAGRA

DIST : BHARUCH.

SIGN OF OWNER

TITLE : SITE PLAN & KEY PLAN

**VEKARIA ASSOCIATES**

SEAPAHNAR SOCIETY,OPP.BHARUCH GAS COMPANY,

NEAR GST OFFICE,BHARUCH-392001

DRG.NO.

SCALE:-1:100 DATE:-02/02/2022 1/33



## Tree Plantation Photographs













## Photographs of Drip Irrigation





# દહેજ ગામ પંચાયત

મુ.પો. દહેજ, તા. વાગરા, જી. ભરૂચ.



## DAHEJ GAM PANCHAYAT

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

CP-5-18

તા. ૬ - ૬ - ૨૦૧૮

પ્રતિ શ્રી,

મેનેજર શ્રી

(મુખ્ય એજવાયરો ઈન્ફ્રાસ્ટ્રક્ચરની.

પ્લોટ નંબર ૬૧. ૪૩

દહેજ

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

રેફરન્સ - આપનો તા. ૩૧/૦૮/૧૮ નો પત્ર.  
અમારી ગામ પંચાયતે સામુહિક રીતે વડેના પાંચ(૫)  
વર્ષમાં આપની કેપની પકડી અને ગામ પંચાયત થી નીચે  
મુજબનું આયોજન કરેલ છે.

- (૧) બાલીયાદેવ મંદિર તથા ભાઈપુત્રમુખાજનું મંદિર વર્ષ ૨૦૧૬-૧૭
- (૨) ભુતનાથ ટેમ્પલ વર્ષ ૨૦૧૮-૨૦૨૦
- (૩) હોડાગાઈમ્ફુલ વર્ષ ૨૦૨૦-૨૦૨૧
- (૪) દહેજ ચોજડી શ્રી ગામમુદી વર્ષ ૨૦૨૧-૨૦૨૨
- (૫) રામપુ મંદિર વર્ષ ૨૦૨૨-૨૩

લૂકાચોપણ માટે જરૂરી છોડ તથા છોડના અજાબ માટે ફી  
પ્રોટેક્ટર કેપની દવારા પુરા પાડવાના રહેશે.  
આભારમય.

જન્યપતિ આર અજા

સરપંચ

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<br>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*  
B. D. Dalwadi  
Chief Executive Officer

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

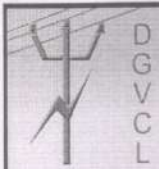
C.C: (1) State Level Environment Impact Assessment Authority  
Gujarat Pollution Control Board,  
"Paryavaran Bhavan" Sector 10-A,  
Gandhinagar - 382010.

(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

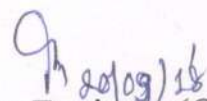
To,

✓ 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 તકિદમાં પહોંચીકરણ અને લોકોની સુધાકારીમાં એકમ લેજા આરા પરીણામ આવશે એવું અમારું માનવું છે. આવી કરીને અમારા ગામના અન્ય લોકોની સુધાકારીના 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.

સરપંચ

ગામ પંચાયત - વાવ

તા. વાગરા, જી. ભરૂચ

ડાકો રાજીવભાઈ રાજીવ





# નાંદરખા ગામ પંચાયત

મુ.પો. નાંદરખા. તા. વાગરા. જી. ભરૂચ.

ક્રમાંક : જાવક નં.



CP-1-16

પ્રતિ શ્રી,

તા. 03 - 06 - 2016

રિપોર્ટ

ગ્રામ પંચાયત નાંદરખા  
તા- વાગરા, જિ- ભરૂચ

વિષય:- વૃક્ષ સંરક્ષણ બાબતે સ્થાપના બાબત.  
અવિનય સહ ઉપરોક્ત વિષયના સ્થળોએ  
લક્ષી જડાવવાનું કે નોંધ ગામ નાંદરખા તા- વાગરા  
ગામે વૃક્ષો લાવેલ છે. તેમજ માધુ લક્ષ દરમિયાન થિયમ  
વૃક્ષોનું વાવેતર કરવાનું થાય છે. તો સ્થાપના ગ્રામ પંચાયતને  
વૃક્ષ સંરક્ષણ બાબતે નોંધ. સ્થાપના સ્થાપ માટેની સી નો  
સ્થાપના ગ્રામ પંચાયત સ્થાપ છે.

  
સરપંચ

ગામ પંચાયત - નાંદરખા  
તા. વાગરા, જી. ભરૂચ



સરપંચ  
ગામ 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 7383

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 legued by Padyanaraj C.BJP Yuv Morche Prasid
			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	





# ગામ પંચાયત કડોદરા

મુ.પો. કડોદરા, તા. વાગરા. જી. ભરૂચ.

સરપંચ : અરવિંદભાઈ સી. પરમાર M. 9998821712

ક્રમાંક :

જા.નંબર :

દાખલો

તા. ૨૬-૧૦-૨૦૨૦

પ્રતિ શ્રી,

BEIL Infrastructure Pvt.  
Dahel.

જેમ ભારત સર સ્થાપવાનું કે કડોદરા  
તા. વાગરા, જિ. ભરૂચ ના ગામે આપણી કંપની  
જાઈ આઈ આઈ એલ ઇન્ફ્રાસ્ટ્રક્ચર પ્રાઇવેટ લિમિટેડ  
માટે ના પિજરા - આપેલ છે જે બદલ આમારી  
પેમાપત્ર આમાર વાડત કરે છે  
વધુનો ફરીયા કોઈ જરૂરીયાત ઉભી  
થાય ને આપ આમને આપણા ભલામરો કરીએ  
હીએ  
" સરકાર બદલ આભાર "

પરમાર અરવિંદ સી  
સરપંચ  
ગામ પંચાયત-કડોદરા  
તા. વાગરા, જી. ભરૂચ



## **TREE PLANTATION AT COMPOST SITE IN DAHEJ**







**PROCEDURE TO BE FOLLOWED FOR LANDFILL MEMBERSHIP**

01. Application in standard form (Available at BEIL)
02. Document to be submitted with Application.
  - (i) List of Directors.
  - (ii) List of Raw Materials.
  - (iii) Effluent Treatment flow sheet diagram on letter head
  - (iv) Solid Waste storage facility details & storage capacity with Storage shed Picture on letter head.
  - (v) Plant layout with highlight of storage area.
  - (vi) Authorization (Solid Waste) copy of GPCB.
  - (vii) Sludge Analysis Report by approved Laboratory by GPCB.
  - (viii) SSI Certificate (MSME) & Udyam Registration Certificate
  - (ix) Plot Allotment Letter.
  - (x) Board Resolution / Partnership Deed Copy
  - (xi) Payment details E.g. - cheque or details of online payment transaction.
  - (xii) E –Stamp RS.300/- with first party company's name and second party BEIL Infrastructure Limited, for landfill agreement purpose.
  - (xiii) Membership form with proper filled information along with authorize signature and stamp
  - (xiv) GST Acknowledgment No:-
  - (xv) Aadhar card of authorized signatory
  - (xvi) CA certificate of investment with turnover detail.
03. On clearance / scrutinize of Application, fees to be paid by **Cheque / D.D / RTGS / NEFT payable at Ankleshwar (Capacity Commitment Charge / Member Ship Fess Non Refundable).**
  - (a) **Bharuch District - Small Scale Member**
    - Rs.1200/- Per MT Annual Quantity for SSI Member – Maximum Rs.2 Lacs.
    - Rs.500/- Extra as Admin Charge For Agreement Notary purpose.
    - GST @ 18% (CGST @ 9% and SGST @ 9% )
04. On clearance / scrutinize of Application, fees to be paid by **Cheque / D.D / RTGS / NEFT payable at Ankleshwar.**
05. **RS.300/- E-Stamp with your organization name and BEIL Infrastructure Ltd. , submitted to BEIL.** After submission of stamp papers, after 15-20 days for agreement. Please contact the following address:

**Mr. Rajeev Mathur**  
**BEIL INFRASTRUCTURE LTD.**  
Plot No.9701-9716, GIDC Inds. Estate,  
Ankleshwar – 393 002.  
**Tel. No.(02646) 253135, 225228**
06. Agreement to be signed by Authorised person approved by members Board of Directors proof to be submitted.
07. BEIL will issue a **certificate** after signing Agreement.
08. Member has to obtained a valid authorisation from GPCB mentioning permission disposal of solid waste at BEIL. Its copy to be submitted to BEIL otherwise waste not be accepted.
09. A TREM CARD to be submitted to BEIL and to be used for every consignment of waste.
10. Operation charges are to be paid in advance by local Chequ / D.D. as per enclosed sheet.
11. Only following solid waste are accepted as per authorisation given by GPCB to BEIL.

Sr.No.	Waste	Sr.No.	Waste
01.	Gypsum Sludge	06.	Waste Insulation Material
02.	ETP Sludge	07.	Non Recyclable Plastic Waste
03.	Iron Sludge		
04.	Incineration Ash Sludge.		
05.	Brine Sludge		



**BEIL INFRASTRUCTURE LTD**  
**Plot No.9701-9716, GIDC, ANKLESHWAR**  
Tel No.(02646)253 135, 225 228

**APPLICATION FORM**

1. Name of the unit :
2. Names of Directors / Partners :
3. Address :
4. Type of Industry : Small Scale / Medium Scale / Large Scale
5. Qty. of solid waste expected to be disposed off in the landfill per annum. :
6. **Capacity Commitment Charge / Membership paid by D. D. Payable at Ankleshwar.** : DD No.\_\_\_\_\_ Date\_\_\_\_\_  
Drawn on\_\_\_\_\_ for Rs.\_\_\_\_\_

I/We have gone through the details of the landfill facility proposed to be developed at Ankleshwar GIDC Estate. We agree to become a member of the proposed company and would like to utilize the facility on a long term basis. We shall make further payments against equity as shown in the covering letter.

Place :

Date :

**(Signature & Rubber Stamp)**



**BEIL INFRASTRUCTURE LTD**  
**Plot No.9701-9716, GIDC, ANKLESHWAR**  
Tel No.(02646)253 135, 225 228

**SOLID WASTE DATA**

**PART – I      UNIT INFORMATION**

- a.                      Name of the Unit                      :
- b.                      Unit In-Charge                      :
- c.                      Address of the Unit                      :

**Phone No.:**

**Email Add:**

- d.                      Location                      :                      ANKLESHWAR / PANOLI / JHAGADIA

**Sector**

- (Tick) ☒ : (1) **Drugs &Pharma** ☐ (2) **Dyes & Inter** ☐  
(3) **Pesticides** ☐ (4) **Organic** ☐  
(5) **Inorganic** ☐ (6) **Others** ☐

**PART-II      PRODUCTS AND BY-PRODUCTS MANUFACTURED:**

Major Products/  
By-Products

**Quantity Per Year**

**PART-III**

- (a)      Would you like to avail the facility of proposed :                      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.**

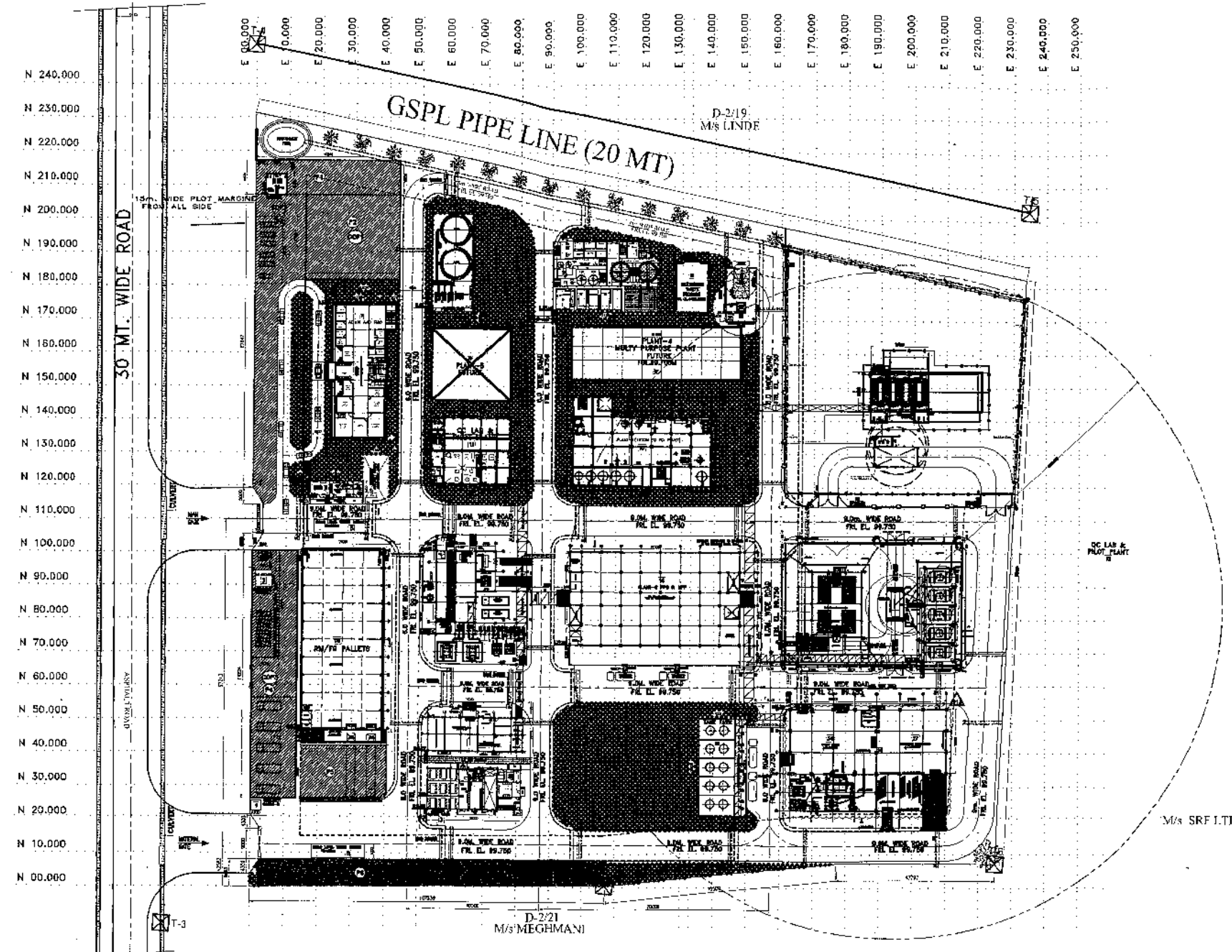
Type of Solid Wastes	Source	Physical property (Slurry / Sludge / Solid)	Quantity	
			Ton Per Day	Ton Per Year
1. Treated Heavy Metal Sludge				
2. Treated CN Waste Sludge				
3. Spent Carbon Residue				
4. Spent Activated Clay				
5. Alkaline Sludge				
6. Any Other				



<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 STATEMENT		DATE
NO.	DESCRIPTION	DATE
1	Plot Area	14/03/20
2	Area of Building Footprint	14/03/20
3	Area of Open Space	14/03/20
4	Area of Road	14/03/20
5	Area of Water Body	14/03/20
6	Area of Other	14/03/20
7	Area of Total	14/03/20
8	Area of Building Footprint	14/03/20
9	Area of Open Space	14/03/20
10	Area of Road	14/03/20
11	Area of Water Body	14/03/20
12	Area of Other	14/03/20
13	Area of Total	14/03/20
14	Area of Building Footprint	14/03/20
15	Area of Open Space	14/03/20
16	Area of Road	14/03/20
17	Area of Water Body	14/03/20
18	Area of Other	14/03/20
19	Area of Total	14/03/20
20	Area of Building Footprint	14/03/20
21	Area of Open Space	14/03/20
22	Area of Road	14/03/20
23	Area of Water Body	14/03/20
24	Area of Other	14/03/20
25	Area of Total	14/03/20

COMMON PLAT AREA		PARKING SPACE CALCULATION	
1.	80.00 x 10.00 = 800.00 Sqm.	1.	40.00 x 10.00 = 400.00 Sqm.
2.	80.00 x 10.00 = 800.00 Sqm.	2.	40.00 x 10.00 = 400.00 Sqm.
3.	80.00 x 10.00 = 800.00 Sqm.	3.	40.00 x 10.00 = 400.00 Sqm.
4.	80.00 x 10.00 = 800.00 Sqm.	4.	40.00 x 10.00 = 400.00 Sqm.
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6.	80.00 x 10.00 = 800.00 Sqm.	6.	40.00 x 10.00 = 400.00 Sqm.
7.	80.00 x 10.00 = 800.00 Sqm.	7.	40.00 x 10.00 = 400.00 Sqm.
8.	80.00 x 10.00 = 800.00 Sqm.	8.	40.00 x 10.00 = 400.00 Sqm.
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14.	80.00 x 10.00 = 800.00 Sqm.	14.	40.00 x 10.00 = 400.00 Sqm.
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18.	80.00 x 10.00 = 800.00 Sqm.	18.	40.00 x 10.00 = 400.00 Sqm.
19.	80.00 x 10.00 = 800.00 Sqm.	19.	40.00 x 10.00 = 400.00 Sqm.
20.	80.00 x 10.00 = 800.00 Sqm.	20.	40.00 x 10.00 = 400.00 Sqm.
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23.	80.00 x 10.00 = 800.00 Sqm.	23.	40.00 x 10.00 = 400.00 Sqm.
24.	80.00 x 10.00 = 800.00 Sqm.	24.	40.00 x 10.00 = 400.00 Sqm.
25.	80.00 x 10.00 = 800.00 Sqm.	25.	40.00 x 10.00 = 400.00 Sqm.

**LEGEND:-**

- 200mm ELECTRICAL NAME PIPE
- 200mm SPARE NAME PIPE
- 400mm FIRE WATER NAME PIPE
- LAYER LACING FIRE HYDRANT LINE

**KEY PLAN**

**REVISIONS**

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	14/03/20
2	FOR PERMIT	14/03/20
3	FOR PERMIT	14/03/20
4	FOR PERMIT	14/03/20
5	FOR PERMIT	14/03/20
6	FOR PERMIT	14/03/20
7	FOR PERMIT	14/03/20
8	FOR PERMIT	14/03/20
9	FOR PERMIT	14/03/20
10	FOR PERMIT	14/03/20
11	FOR PERMIT	14/03/20
12	FOR PERMIT	14/03/20
13	FOR PERMIT	14/03/20
14	FOR PERMIT	14/03/20
15	FOR PERMIT	14/03/20
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17	FOR PERMIT	14/03/20
18	FOR PERMIT	14/03/20
19	FOR PERMIT	14/03/20
20	FOR PERMIT	14/03/20
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22	FOR PERMIT	14/03/20
23	FOR PERMIT	14/03/20
24	FOR PERMIT	14/03/20
25	FOR PERMIT	14/03/20

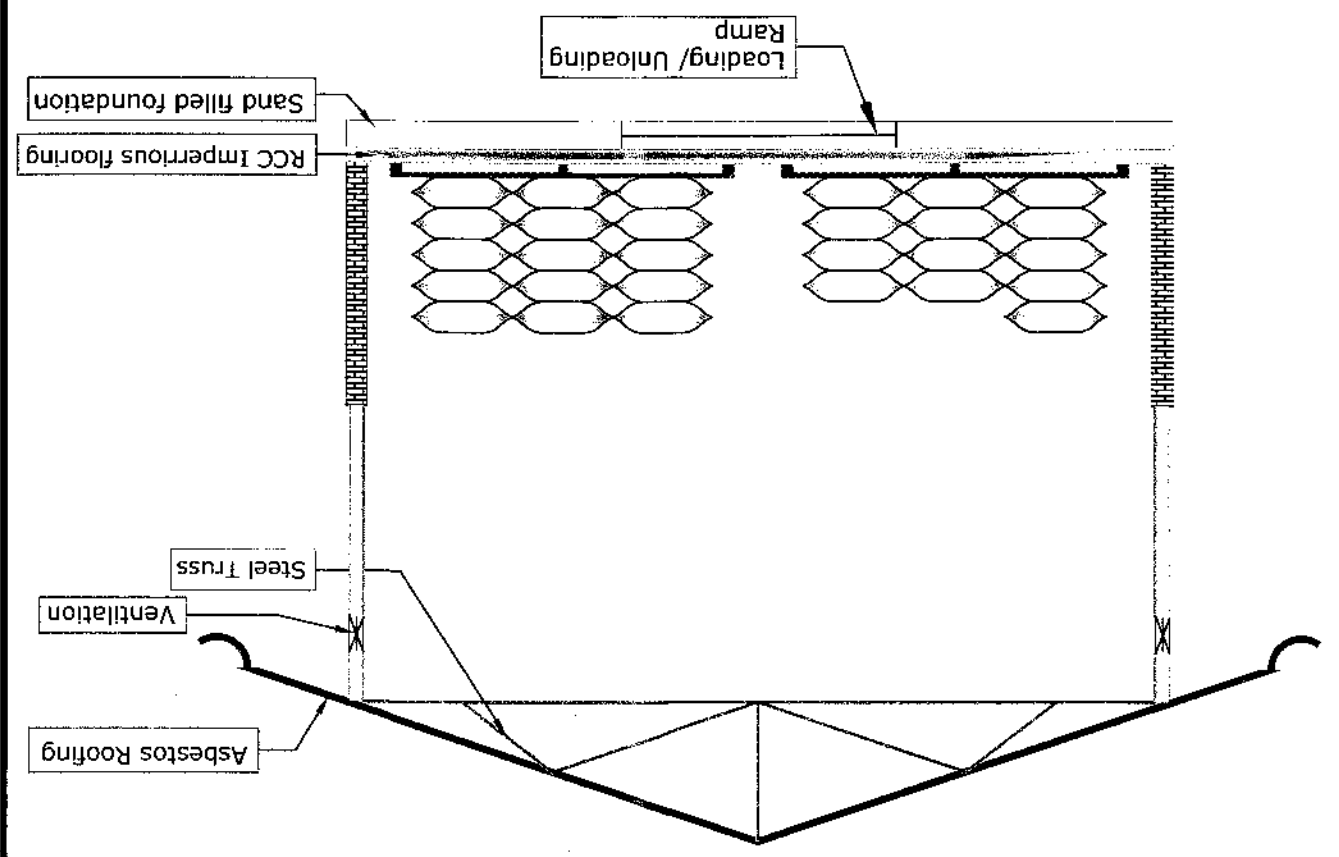
**Shroff & Associates (Engineers) Pvt. Ltd.**  
**Shroff Consulting Engineers LLP.**

Project: **1471-479-101**

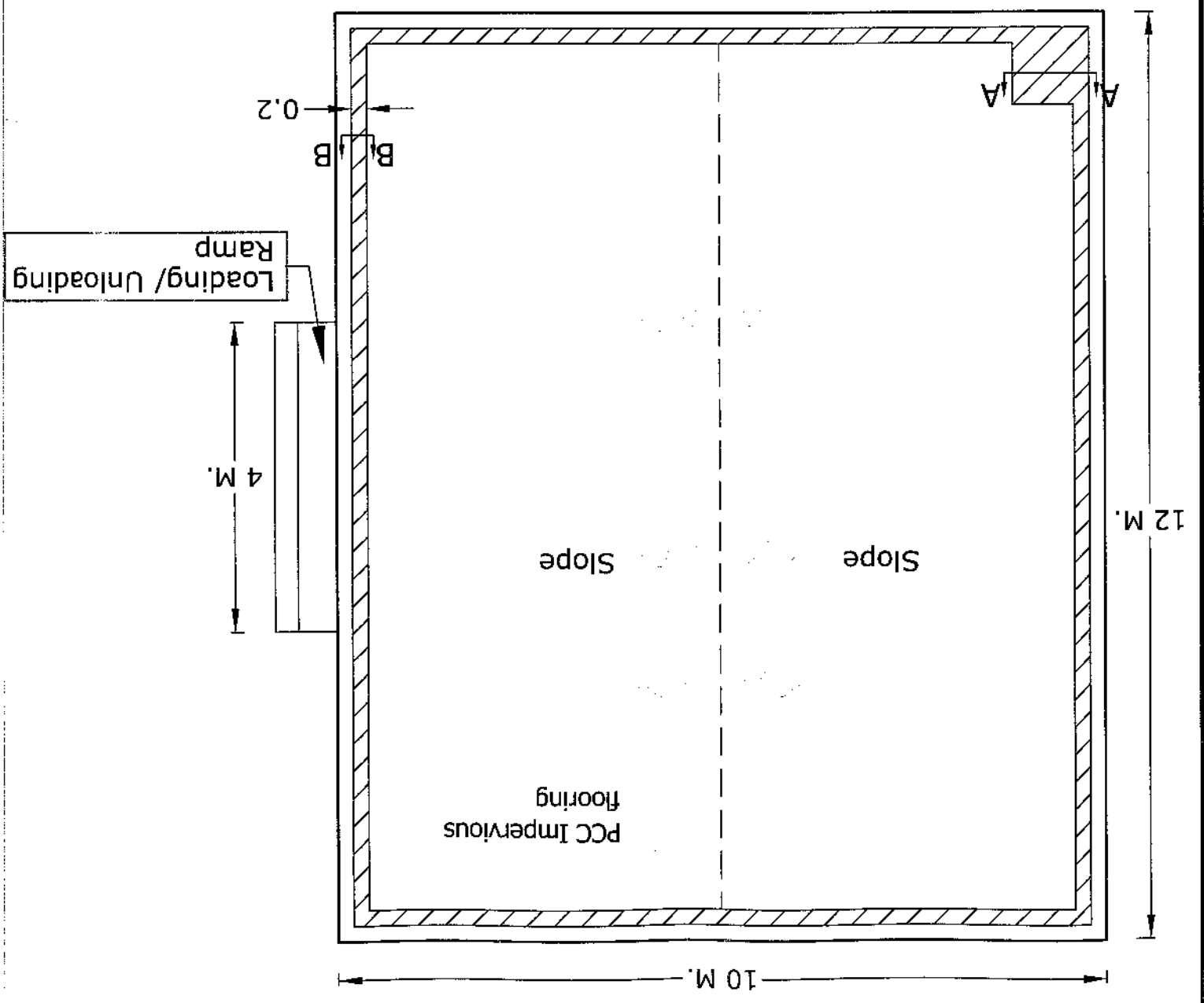
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Sheet: **2** of **15**

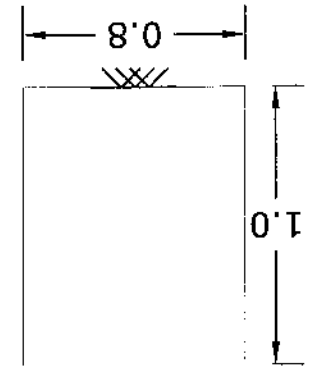
ELEVATION



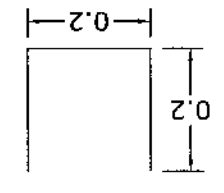
PLAN



Section A-A



Section B-B

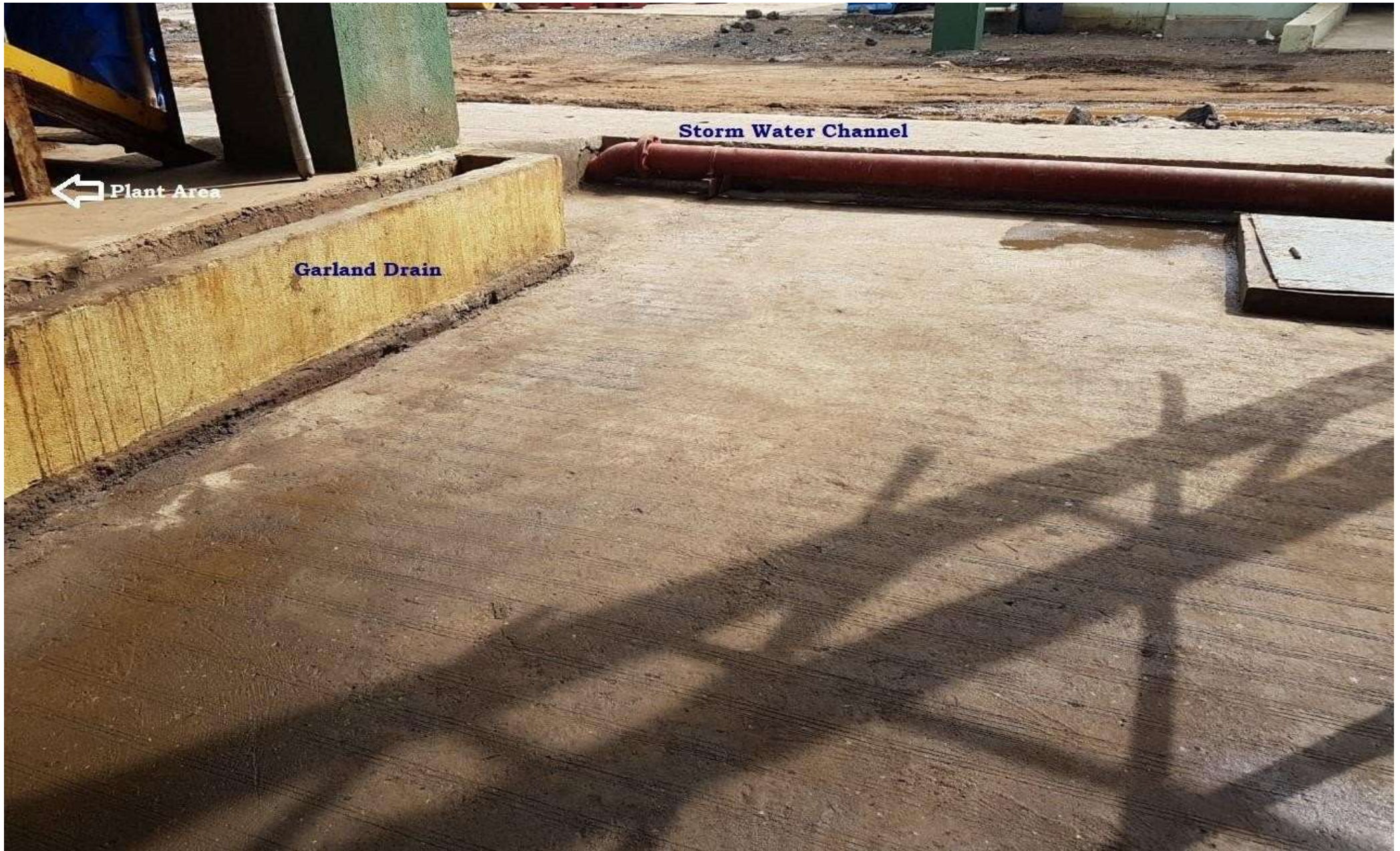




HAZARDOUS  
SOLID WASTE  
AREA  
EIP WASTE  
CWL No. 34-3











**Plant Area** →



**Effluent Collection Pit**

**Garland Drain**





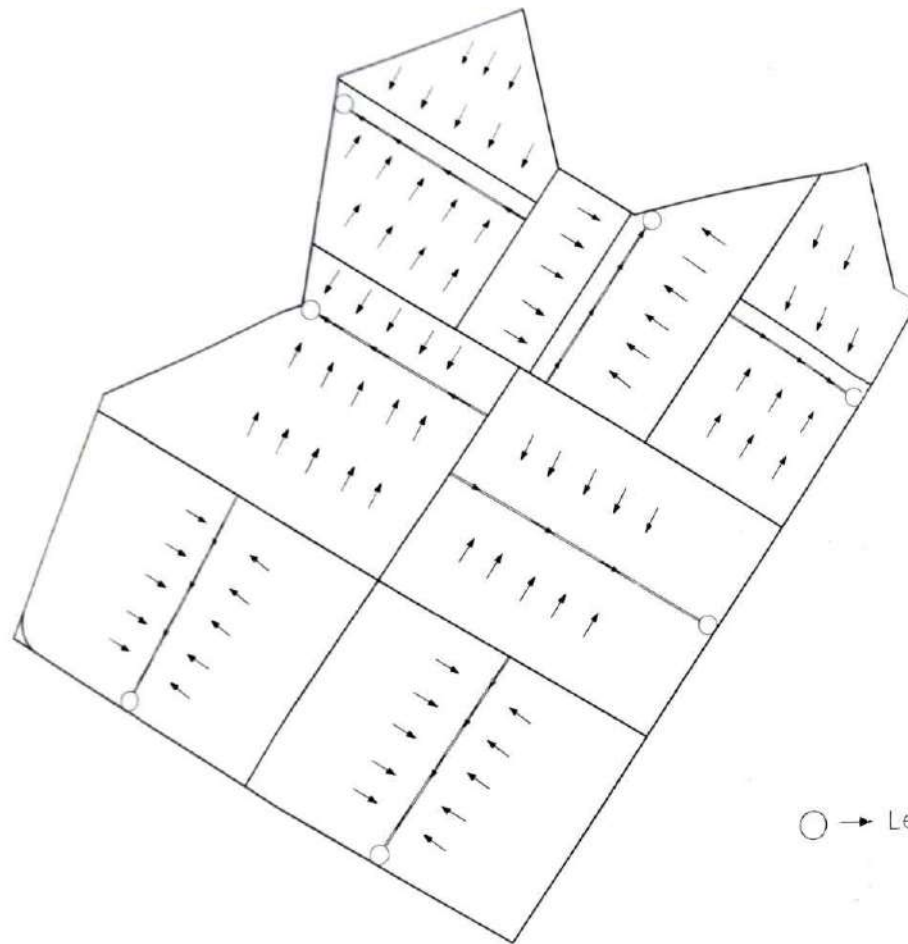




## **LANDFILL MONSOON COVER PHOTOGRAPHS**







○ → Leachate Collection Wells

## LEACHATE COLLECTION SYSTEM

NAME OF DRAWING

## LEACHATE COLLECTION SYSTEM

PROJECTS

CONSTRUCTION OF SECURED LANDFILL FACILITY



**BHARUCH ENVIRO INFRASTRUCTURE LIMITED**

PLOT NO: 43, GDC, DAHEJ

DESIGN & DRAWN BY :



**BHARUCH ENVIRO INFRASTRUCTURE LIMITED**

PLOT NO: 43, GDC, DAHEJ

*Pluto*



APPROVED BY

**INDIAN INSTITUTE OF TECHNOLOGY,  
NEW DELHI**

*Dr. Manoj Datta*  
2-11-13  
Dr. Manoj Datta  
Professor  
Civil Engineering Department  
Indian Institute of Technology Delhi  
Hauz Khas, New Delhi - 110016

*[Signature]*

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

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

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

Sr. No.	Name and Address	Points represented and / or written submission	Compliance Status
1	Shri Raghuvirsinh Udaysinh Rana Village: Dahej, Taluka: Vagra, District: Bharuch	Whether GPCB is carrying out monitoring of the ambient air parameters SO <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  
રજીસ્ટ્રી શાખા  
શ. પં. ભરૂચ

*[Signature]*  
રજીસ્ટ્રી શાખા  
શ. 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 : panjwani@uniphos.com  
Regd. Office : Plot No. 117-118, GIDC Estate, Ankleshwar - 393 002, Dist. : Bharuch (Gujarat)

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

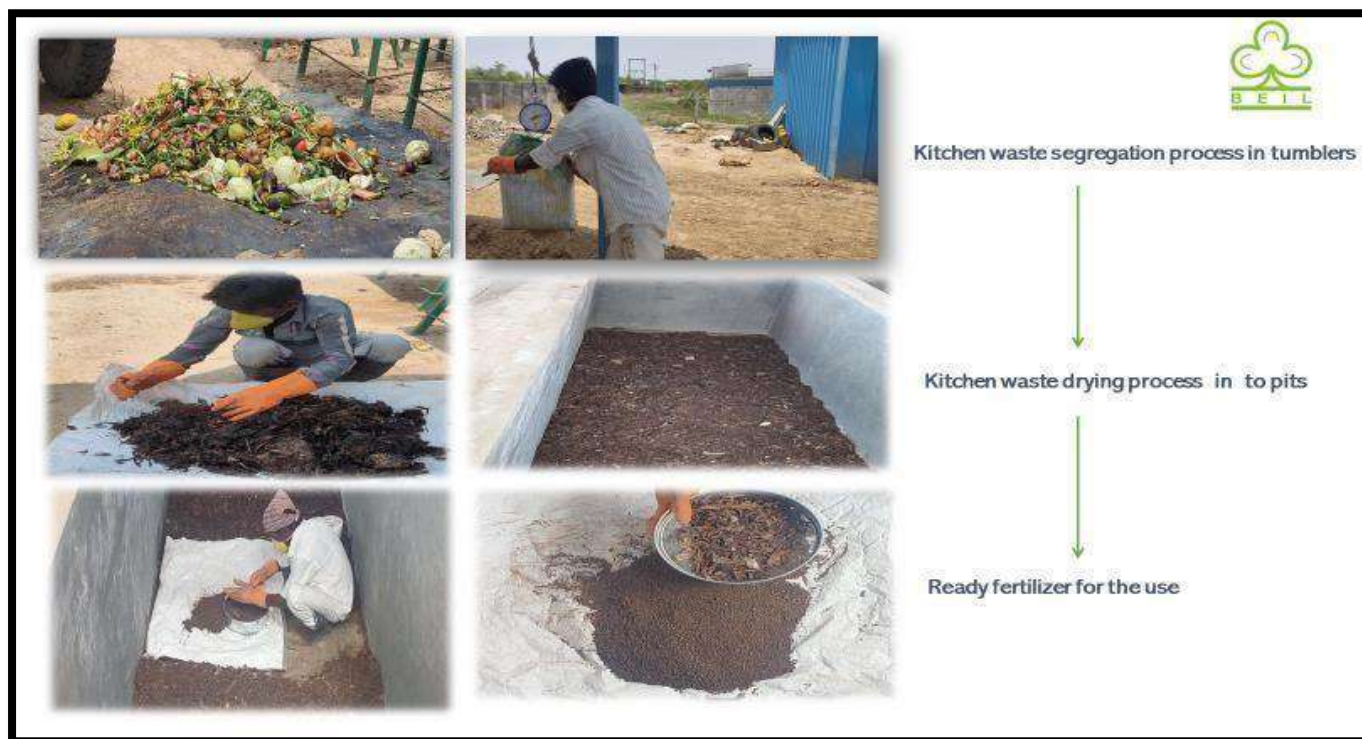


### Collection of Kitchen Waste (door to door)



**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	- Avoid spillages by careful handling of the solid waste. - Clean the floor regularly and collect the waste & dispose in landfill	Complied. -Handling has been carried out to avoid spillage of the solid waste. -Regular housekeeping activity is also done.
	Leakage/spillage during transportation	inspection of the dumpers and ensuring that there is no leakage/spillage	Complied Regular inspection carried out of dumpers for detecting any leakage for spillage.
	Health impacts on the workers	Usage of Hydraulic dumpers/hook loaders to prevent manual handling Usage of PPEs by all Employees Medical check-up - pre employment and routine	Complied. Hydraulic dumpers are used for transporting waste. Appropriate PPEs are provided to the workers while manual handling of the waste. Pre employment and routine medical check-up are being carried out.



Transportation of waste			
Transportation of Waste	Littering the waste on the road	<ul style="list-style-type: none"> <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	Cover the sub-cells of the facility with tarpaulin to prevent entry of rain water Close monitoring of the site round the clock during monsoon	<p>Complied.</p> <p>Adequate covering of the sub cells with tarpaulin is done during monsoon.</p>

Final Disposal of the hazardous waste into secured landfill facility	Blowing away of the waste dust with the wind	<ul style="list-style-type: none"> <li>- Spray water during summer season.</li> <li>- Cover the waste layer with fresh soil and compact it.</li> </ul>	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	<ul style="list-style-type: none"> <li>-Ground water pollution</li> <li>- Contamination of ground water</li> </ul>	<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 predesigned 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>	<p>Complied</p> <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 IIT 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>	<p>Complied</p> <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)	<ul style="list-style-type: none"> <li>- Soil sampling from various locations and analysis.</li> <li>- 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.</li> </ul>	<p>Complied</p> <ul style="list-style-type: none"> <li>- Soil sampling from various locations and analysis is being done.</li> <li>- Final Coverage is done according to GPCB/CPCB criteria and guidelines to avoid any contamination of soil.</li> </ul>
Noise	Noise pollution (Noise levels during construction phase will be high during operational phase due to instrumental work, increased truck movement, earth movers etc.	<ul style="list-style-type: none"> <li>-These negative impacts are short term. - Equipment to be kept and maintained in proper condition to keep the noise level within 75dB(A).</li> <li>- Workers will be provided with necessary protective equipment e.g. ear plug, ear muffs.</li> <li>- Provision of green belt and plantation would further help in attenuating noise.</li> </ul>	<p>Complied.</p> <ul style="list-style-type: none"> <li>-Noise level monitoring is done on regular basis.</li> <li>- Employees are provided with suitable PPEs to avoid any short term or long term negative impacts of noise pollution.</li> <li>- Adequate green belt is also provided</li> </ul>
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	<p>Complied.</p> <p>BEIL is situated towards one corner of industrial estate of GIDC, as there is no much traffic on this road, no traffic overcrowding</p>

		overcrowding is expected and the impact will be insignificant.	is expected and the impact will be insignificant.
Socio- Economic	Socio- Economic Impact	<p>The site selected for the disposal of hazardous wastes in Dahej Industrial Estate, is not having any visible adverse impact on human population as well as livestock as this site is excluded from any agriculture, forest, ecological sensitive, or animal grazing land. Moreover, the site is with in the industrial estate and land already meant for that purpose.</p> <p>-Due to proposed project, there will be additional employment opportunities for Construction phase about 150 persons and about 60 persons during Operational phase. In general, the project is to have positive environmental impacts by collecting and disposing the hazardous waste in the scientific manner, this will reduce the future health hazard</p>	<p>Complied.</p> <p>The site selected for the disposal of hazardous wastes in Dahej industrial Estate, is not having any visible adverse impact on human populations well as livestock as this site is excluded from any agriculture, forest, ecological sensitive or animal grazing land. Moreover, the site is within the industrial estate and land already meant for that purpose. With the expansion of TSDF Cell 11, 12 &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>

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



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

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

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



Government of Gujarat

Annexure 20  
STATE LEVEL ENVIRONMENT  
IMPACT ASSESSMENT  
AUTHORITY  
GUJARAT

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

Date: 16 DEC 2020

BY R.P.A.D

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

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

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

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

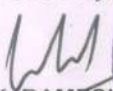
And whereas project proponent has applied for amendment in the environmental clearance vide their online application vide No. SIA/GJ/MIS/170754/2020 dated 01-09-2020. The project was scheduled for hearing in the SEAC meeting held on 19/10/2020.

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

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

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

With regards,  
Yours sincerely,

  
(Dr. K. RAMESH)  
Member Secretary



Issued to:

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



# GUJARAT POLLUTION CONTROL BOARD

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

RI AD  
382010 22.12.2020

C592 626303



POSTAGE  
₹ 25.00

N100507

B.E.I.L

Inward No. \_\_\_\_\_

Date 11/05 Sign \_\_\_\_\_



Your Positive Attitude for Control for Pollution is welcome

Environmental Clearance

19/10/2020. The proposal was considered by



Dahej - Inc + Landf  
EC

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

Indira Paryavaran Bhawan,  
Jor Bagh Road, New Delhi - 3  
lk.bokolia@nic.in Tel: 011-24695301  
Date: 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

<b>(ix) Location of Project (District, State)</b>	BHARUCH, GUJARAT
<b>(x) Issuing Authority</b>	MoEF&CC
<b>(xi) Applicability of General Conditions as per EIA Notification, 2006</b>	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  
(xi) Applicability of General Conditions  
(xiii) Status of implementation of the project

05/02/2024

NO

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.





# Annexure-22

o/c

Ref.: BEIL/DHJ/2024-25/15

Date: 28.06.2024

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

*Shrut 28/6/24*  
Post Received  
Gujarat Pollution Control Board  
BHARUCH

**Sub.:** Half yearly compliance report of two EC's for Common Treatment, Storage, Disposal facility (TSDF) & Multi Effect Evaporator (MEE) and Installation of two incinerators & capacity enhancement of existing landfill period October'23 to March'24.

- 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

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.

We are submitting here with the half yearly Compliance status report of both the above referred Environment Clearances for period October'23 to March'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 01.10.2023 to 31.03.2024)	2,31,777.92 MT
Cumulative quantity disposed in landfill from the beginning (up to 31.03.2024)	14,23,362.96 MT

**Incinerable waste details are as follows:**

Incinerable Waste Receipt	Incinerated
During 01.10.2023 to 31.03.2024: 7683.69 MT	During 01.10.2023 to 31.03.2024: 8868.25 MT
Cumulative Up to 31.03.2024: 20,048.23 MT	Cumulative Up to 30.09.2023: 18,425.05 MT

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**

A handwritten signature in blue ink, appearing to be 'R. K. Shah', is written over a horizontal line.

**Authorized Signatory**

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




**EC Compliance Part\_1 for the period of Oct'23 to Mar'24 of BEIL Infrastructure Ltd.-  
Dahej Plot No. D/43, GIDC Estate, Amod Road, dahej - 392130, Dist. Bharuch.**

**Maheshchandra Trivedi <mahesh.trivedi@beil.co.in>**

Wed 7/3/2024 2:20 PM

To:iro.gandhingr-mefcc@gov.in <iro.gandhingr-mefcc@gov.in>;ec-rdw.cpcb@gov.in <ec-rdw.cpcb@gov.in>  
Cc:Rakshita Vyas/Environment/Ankleshwar <rakshita.vyas@beil.co.in>;Environment - BEIL, Dahej  
<environmentdahej@beil.co.in>

 1 attachments (22 MB)

Final EC Compliance Oct'23 - Mar'24 Part\_1.pdf;

Dear sir,

Please find the EC compliance part\_1 for the period of **Oct'23 to Mar'24** of **BEIL Infrastructure Ltd.-Dahej**.

With Warm Regards,  
Dr. Mahesh Chandra Trivedi  
General Manager(W)  
BEIL Dahej

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**EC Compliance Part\_2 for the period of Oct'23 to Mar'24 of BEIL Infrastructure Ltd.-  
Dahej Plot No. D/43, GIDC Estate, Amod Road, dahej - 392130, Dist. Bharuch.**

Maheshchandra Trivedi <mahesh.trivedi@beil.co.in>

Wed 7/3/2024 2:33 PM

To: iro.gandhingr-mefcc@gov.in <iro.gandhingr-mefcc@gov.in>; ec-rdw.cpcb@gov.in <ec-rdw.cpcb@gov.in>  
Cc: Rakshita Vyas/Environment/Ankleshwar <rakshita.vyas@beil.co.in>; Environment - BEIL, Dahej  
<environmentdahej@beil.co.in>

 1 attachments (20 MB)

Final EC Compliance Oct'23 - Mar'24 Part\_2.pdf;

Dear Sir,

Please find the EC compliance part\_2 for the period of **Oct'23 to Mar'24** of **BEIL Infrastructure Ltd.-Dahej**.

With Warm Regards,  
Dr. Mahesh Chandra Trivedi  
General Manager(W)  
BEIL Dahej

---

**From:** Maheshchandra Trivedi  
**Sent:** Wednesday, July 3, 2024 2:21 PM  
**To:** iro.gandhingr-mefcc@gov.in; ec-rdw.cpcb@gov.in  
**Cc:** Rakshita Vyas/Environment/Ankleshwar <rakshita.vyas@beil.co.in>; Environment - BEIL, Dahej  
<environmentdahej@beil.co.in>  
**Subject:** EC Compliance Part\_1 for the period of Oct'23 to Mar'24 of BEIL Infrastructure Ltd.-Dahej Plot No. D/43, GIDC Estate, Amod Road, dahej - 392130, Dist. Bharuch.

Dear sir,

Please find the EC compliance part\_1 for the period of **Oct'23 to Mar'24** of **BEIL Infrastructure Ltd.-Dahej**.

With Warm Regards,  
Dr. Mahesh Chandra Trivedi  
General Manager(W)  
BEIL Dahej

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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<br>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*  
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)

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 Janita Vidy-alay, Dahej, Tal. Vagra, Dist. Bharuch.

The SEAC, Gujarat had recommended to the SEIAA, Gujarat, to grant the Environment Clearance to this project for the above-mentioned project. The proposal was considered by SEIAA, Gujarat in its meeting held on 22.07.2013 at Gandhinagar. Since the public consultation is required for the project, the SEIAA hereby accords Environmental Clearance to above project under the provisions of EIA Notification dated 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:**

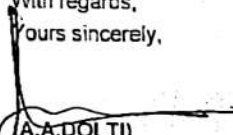
40. Project proponent shall develop green belt all along the periphery of the TSDF as per the CPCB guidelines with plant species that are significant and used for the pollution abatement. Drip irrigation system shall be used for the green belt for optimum utilization of the water resources.
41. BEIL 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, Parivesh 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
In Sign.	

Office : Gujarat Pollution Control Board, "Paryavaran Bhavan" Sector-10 A, Gandhinagar-382010

Page 5 of 5

Phone No.:- (079) 232-32152, 232-41514 Fax No.:- (079) 232-22784

E-mail : [seiaa.guj@yahoo.com](mailto:seiaa.guj@yahoo.com), Website:- [www.seiaa.gujarat.gov.in](http://www.seiaa.gujarat.gov.in)





# દિવ્ય ભાસ્કર

## ભરૂચ-નર્મદા

વડોદરા | શનિવાર  
24 ઓગસ્ટ, 2013

ચમડીયા તથા જોનિય સુલભા અભ્યાસ કરતાં આદિ વિદ્યાર્થીઓ આજે મુન્નારે સંજે શાળાએથી છુટ્યા માંદ વરે પરત જવા માટે નીકળ્યા હતાં. આ તમામ વિદ્યાર્થીઓ રીકશામાં બેસી ગામોદથી ડેરવાડા તરફ ઇશરહા હતા તે વેળા મલ્લા તળાવ નજીક ભરૂચથી આવતી ટુકડા ચાલકે રીકશાને ટક્કર મારી હતી. રીકશા સાથે ટુકડા ટકર તો રીકશામાં બેઠેલા તમામ વિદ્યાર્થીઓ તથા ચાલકને ઇજા વધી હતી. બનાવને પગલે દોડી આવેલા સ્થાનિક પોલીસે ઇજાગ્રસ્તોને સારવાર માટે આમોદ ના પ્રાથમિક આરોગ્ય કેન્દ્ર ખાતે ખસેડ્યા હતા. ઘટનાની જાણ થતાં વિદ્યાર્થીઓના વાલીઓ તથા શાળાના શિક્ષકો પ્રાથમિક આરોગ્ય કેન્દ્ર ખાતે પહોંચ્યા હતા.

### ક્રેડિટ સોસાની સભા મળી

ભરૂચ ભંચ પાલિકાની પી ભરૂચ નગરપાલિકા ઓફિસ સ્થાનકે ક્રેડિટ કો.ઓ. સોસાયટી તેમજ ભરૂચ પાલિકા હાઈન વર્ક્સ ક્રેડિટ કો.ઓ. પરીની સંપાદક સભામાં બંને ક્રેડિટ સોસાયટીના પ્રિવિન્ટમ 2 ટકાનો વધારો કરાયો છે. સભાસિદ્ધનું અકાળે મૃત્યુ થાય તો પરિવારજનોને તોફાંદે રૂપિયા 10 હજારનો સહાય આપવાનો નિર્ણય લેવામાં આવ્યો હતો.

### ભાસ્કર

- ગામઠી તથા મિથલા ખાતે આવતા ગામી અટી બસોની અપુરવટી સુવિધા તથા વાંચને કારણે છાત્રો સામયિક અભ્યાસના પી જકતા નહિ હોવાથી વેમને નાણુટક વસોહિનોમાં મુસાફરી કરવા પડતી હોવાનો ફોટો ખાતે એકઠા થયેલા વાલીઓએ મોબી

કેન્દ્ર ખાતે ક્રેડિટ હોવાથી તેને વરોદરા રીકર મોબીન એક સાથે સાત વિદ્યાર્થીઓને અકસ્માતે હાલતે ગામમાં શીકનું મોજુ કરી વળ્યું હતું. હોસ્પિટલે સે અકસ્માતના સ્પર્શથી ટુકડા ચાલકનો મોઈન રીકાઈસરની કાર્યવાહી હાથ પરી કરી.

## નર્મદા પરી ઝડપાયા

સેલબામાં જાહેરમાં જુગાર રમતા સર્લીમ પિંજરા, કાલીયા વસાવા અને સુકલાલ વસાવા અને પરશુરામ વસાવાને ઝડપી લેવામાં હતા. પોલીસે સાતે સામે કાર્યવાહી હાથ પરી છે.



### ચંપીકલ્સ લીમીટેડ રાજસ્થાન

આ પાકારા આતમજ્ઞ પદ્મા પકારા આતમજ્ઞ

### જાહેર સુચના

પર્યાવરણીય મંત્રી આ સાથે જણાવવામાં આવે છે કે, રેડેટ વેલ એનાયરમેન્ટ ઇસેડેટ એસેસમેન્ટ ઓથોરીટી, પર્ણાવરણ ભવન, સેક્ટર-10 એ, ગાંધીનગર-372 010 મારા ભરૂચ એનાયરમેન્ટ ઇન્ફ્રાસ્ટ્રક્ચર સિમીટિક, પ્લોટ નં. ટી-723, દેશ જઈસ્ટ્રીબલ એસેટ, વા.વા.મગ, ઝા.ભરૂચ-362 130 (નુજવાદ) ખાતે સુચિત મેખમી કચરા માટેની સુસીત લેન્ડફિલ સુધિયા (TSDF) અને ભુધિય અસરવાળા બાળપીલવન (MIE) પ્લાન્ટની સ્થાપના કરવા માટેની પર્યાવરણીય મંજૂરી વા. 22-08-2013ની પડકામ SEIAA/GUJ/EC/7(d)/227/2013 મારા ઇ.આઈ.એ. નોટીફિકેશન તારીખ 17 સપ્ટેમ્બર 2009 મેગવાઈ ડેન આવેલ છે. કલીયન્સ પત્રની નકલ મુજવાત પોલિસુશન કંટ્રોલ બોર્ડ અને SEIAA/SEAC/GPCB ની વેબસાઈટ ઉપર ઉપલબ્ધ છે.

તા. 21-08-2013 બી. ડી. દલવાડી (ચીફ એક્ઝિક્યુટીવ ઓફિસર)



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### 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 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.

અહીં અમે એકવોરે લીમીટેડ કે. ચાવડા (અધિકાર) તે અમાર અહીંથી સુચના અને હુમલોદી જાહેર જનતાને આ જાહેર નોટીસ આપી જવાવોએ લીએ છે. ડીસ્ટ્રીક્ટ ભરૂચ, સબ ડીસ્ટ્રીક્ટ વા. અંહીએમ્પર મોરે ગામ સોલપુરની કદમાં આવેલ પેટાની જમીન જેનો રેસર્વ નં. 10/11, ઓરિયો મી. 1-5-8-89 આકાર 31.12.00 તથા તેજ ગામમાં આવેલ બીજી જમીન રેસર્વ નં. 10/12, ઓરિયો મી. 0-5-1-10 વાળી જમીન બાબતે અમાર અહીં ઉર્મિલાલેન પ્રતાપભાઈ પટેલનાં એ વા. 11-09-2002ની રોજ અહીં કાલેખાભાઈ પડમાર રહે. પીરામણ, વા. અંહીએમ્પર, ઝા. ભરૂચનાં એક જમીન બાબતે પાવર ઓફ એટર્ની ચાને છે હુલમુજલાસમાંથી લઈ આપી જે નોટીસ ડી. ઓ. પટેલ અહીંએમ્પરનાં રૂબરૂ રજી. નં. 89/94/94 વા. અહીં એ છે. હુલમુજલાસમાં અમાર અહીં વા. 04-02-2013ની રોજ અહીં નોટીસ આપી રજ કરેલ છે અને તે અહીં લેખીતમાં પણ પણ નેમ્બ કાલેખાઈ પડમાર કે કરેલ છે ત્યારથી તે પાવર ટક કરેલ હોય ઉપરોક્ત જમીન બાબતે જેમ કાલેખાભાઈ પડમાર સાથે કોઈપણ વ્યવહાર કે લેવડ દેવડ કરવી નહીં અને કચોતો તે અમાર અહીંને બંધનબર્તી રહે નહીં જેની જાહેર જનતાએ મેલ લેવી.

અહીંથી સુચના અને હુમલોદી રવાના મારી મારવત  
લીમીટેડ કે. ચાવડા  
રજી. નં. 89-02-2013



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

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

પેજ-4નું અનુસંધાન...

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

રાજપારડીમાં મહિલાઓ માટે વ્યવસાયિક શિબિર યોજાઈ



રાજપારડી ગામે અનંત સુખરામજી ટ્રસ્ટ તેમજ 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.

દિવાલર શુકલનો 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 કપરૂ બને તેવા ઍંધાણ 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

જુગારિયાઓ વિરૂદ્ધ ગુનો નોંધી આગળની કાર્યવાહી હાથ પરી છે. કહેલી ગામે... વાડી રસ્તેથી વહેલો પાણી આસપાસ પસાર થતા હતા. અમરાવતી નદીના સાંકડા પુલ પરથી સામેથી આવતું વાહનથી બચવા પુલની રેલિંગ સાથે અથડાતા ટ્રક લટકી પડી હતી. સદનસીબે ટ્રક પુલ પરથી નીચે ભેગડમાં ભરાઈ જતા નદીના પટમાં આશરે ૮૦ ફૂટ નીચે ખાબકતા બંધી ગઈ હતી. ટ્રક સવારોએ ડ્રાઈવર- અને ક્લીનરને બાકાર કાઢી સારવાર અર્થે વાડીયા સરકારી દવાખાને મોકલી આપ્યાં હતાં. અગાઉ પણ સાંકડા પુલને લઈને પુલ પર થી વાહનો રેલિંગ તૂટેલી હોવાથી નીચે નદીમાં ખાબકે છે તેમ છતાં માર્ગ અને મુકાન વિભાગ રાજ્યના ધોરીમાર્ગોને રિપેર કરવામાં ઉદાસીનતા દાખવે છે. અકસ્માતો નિવારવા પ્રથમ તો પુલની રેલિંગ

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 કેમ્પ ખાતે ગીતા જયંતીની ઉજવણી



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

**જાહેર સુચના (પર્યાવરણીય મંજૂરી)**

આ સાથે જણાવવામાં આવે છે કે મિનિસ્ટ્રિ ઓફ એન્વાયરમેન્ટ, ફોરેસ્ટ એન્ડ ક્લાયમેટ ચેન્જ (IA, III section) ઇન્ડિયા પર્યાવરણ ભવન, નોર બાગ રોડ, નવી દિલ્હી-૩, દ્વારા ભરૂચ એન્વાયરમેન્ટલ ઇન્ફ્લુએન્સ સ્ટીડી, પ્લોટ નં. ડી-૪૩, ટેકેજ ઇન્ડસ્ટ્રીયલ એસ્ટેટ, તાલુકા: વાગરા, જિલ્લો: ભરૂચ, (ગુજરાત) ખાતે બે ઇન્સ્ટીટ્યુટ તથા હાલ ની લેન્ડફીલ સુવિધાની સમતામાં સૂચીત વધારો કરવા માટેની પર્યાવરણીય મંજૂરી ક્રમાંક F. No. 10-43/2016-IA-III તારીખ ૧૯/૧૨/૨૦૧૮ દ્વારા ઇ.આઈ.એ. નોટીફિકેશન તારીખ ૧૪ મી સપ્ટેમ્બર, ૨૦૦૬ જોગવાઈ હેઠળ આપેલ છે, જે અમને તા. ૨૦-૧૨-૨૦૧૮ ના રોજ વેબસાઈટ દ્વારા મળેલ છે.

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

તારીખ : ૨૦-૧૨-૨૦૧૮

બી. ડી. દલવાડી  
(ચીફ એક્ઝીક્યુટીવ ઓફીસર)

શુકલતીર્થ ગામમાં સખીમંડળની બહેનોને રોજગારલક્ષી માહિતી અપાઈ



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

વિશ્વકર્મા વિરાટ સંઘના હોદ્દેદારોનું સન્માન તથા વરણી કરાઈ

આજનાં આંધ્ર પ્રદેશ સર્વ નંદરાવણી જોતીની જમીન અંગેનું ટાઇટલ કલીયરન્સ સર્ટીફિકેટ અપીલુ. જેની આથી તમામ લાગતા વળગતાઓએ નોંધ લેવી. સરનામું : ૧, ઓ.કે.પ્લોટા સોપાઈ, હીરોઈક્ટ કોર્ટ બિલ્ડીંગ સામે, ભરૂચ કોલ : ૨૭૭૫૭૭, મો. ૯૨૨૭૪૭૯૭૭૭, ૯૨૨૫૦૯૭૫૭૭ અમો મારફતે પ્રકાશ મોટી એડવોકેટ

**જાહેર સુચના (પર્યાવરણીય મંજૂરી)**

આ સાથે જણાવવામાં આવે છે કે મિનિસ્ટ્રિ ઓફ એન્વાયરમેન્ટ, ફોરેસ્ટ એન્ડ ક્લાયમેટ ચેન્જ (IA, III section) ઇન્ડિયા પર્યાવરણ ભવન, નોર બાગ રોડ, નવી દિલ્હી-૩, દ્વારા ભરૂચ એન્વાયરમેન્ટલ ઇન્ફ્લુએન્સ સ્ટીડી, પ્લોટ નં. ડી-૪૩, ટેકેજ ઇન્ડસ્ટ્રીયલ એસ્ટેટ, તાલુકા: વાગરા, જિલ્લો: ભરૂચ, (ગુજરાત) ખાતે બે ઇન્સ્ટીટ્યુટ તથા હાલ ની લેન્ડફીલ સુવિધાની સમતામાં સૂચીત વધારો કરવા માટેની પર્યાવરણીય મંજૂરી ક્રમાંક F. No. 10-43/2016-IA-III તારીખ ૧૯/૧૨/૨૦૧૮ દ્વારા ઇ.આઈ.એ. નોટીફિકેશન તારીખ ૧૪ મી સપ્ટેમ્બર, ૨૦૦૬ જોગવાઈ હેઠળ આપેલ છે, જે અમને તા. ૨૦-૧૨-૨૦૧૮ ના રોજ વેબસાઈટ દ્વારા મળેલ છે.

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

તારીખ : ૨૦-૧૨-૨૦૧૮

બી. ડી. દલવાડી  
(ચીફ એક્ઝીક્યુટીવ ઓફીસર)



# 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-  
es," said Anil Kawade, state  
general of registration and  
he department is struggling  
that all the data uploaded on  
checked for data security.  
some hurdles on applica-  
integration of data fronts,  
e data of all the 36 districts  
aded 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 the re-  
quired request application, do-

# Hosp fire: Another dies, toll reaches 10

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

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

Makes Fresh Breads (Without Preservatives)

Makes Dough Without the Use of Hands

Fully Automatic Process

Times of India newspaper Date 21.12.2018

## Citizen-friendly tech

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

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

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

ved," said an official.

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

Besides, ensuring smooth transac-  
tions, the new technolo-  
gy would save revenue. Servers of all  
the departments in the state cost nearly  
Rs 100 crore per annum. The expendi-  
ture 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, irrespecti-  
ve 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 કોઈકરશે  
તો તે અંગે અમારી કોઈ જ જવાબદારી રહેશે નહીં તે હાલની જાહેર નોટીસથી  
જાહેર કરીએ છીએ.

તારીખ : ૧૯-૧૨-૨૦૧૮

સ્થળ : વડોદરા

રવાના અમારી મારફતે,

ઓ: સી/૮૦, રણછોડપાર્ક, વૃંદાવન

ચાર રસ્તા, વાઘોડીયા રોડ, વડોદરા.

મો.: ૯૮૨૫૦૪૩૦૮૮

અતુલ જે મિસ્ત્રી

(એડવોકેટ) ગુજરાત હાઈકોર્ટ

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

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

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

Date: 20/12/2018

B D Dalwadi  
(CHIEF EXECUTIVE OFFICER)







# વાયુ પ્રદૂષણને નાથવા ઔદ્યોગિક મંડળનો અનોખો પ્રયાસ અંકલેશ્વરમાં રોડ ડસ્ટિંગ અને વૃક્ષ પર જામેલી ધળને મુશીનથી દૂર કરાઈ વૈજ્ઞાનિક પ્રદર્શન યોજાયું

બાળકોની કૃતિઓ નિહાળી પ્રોત્સાહિત કરાયા

શાળાના વિદ્યાર્થીઓમાં વિજ્ઞાન અને વહિત પ્રત્યે રુચિ ઠેલવવા, જિજ્ઞાસાને સંતોષવા તથા સુધુત શક્તિઓને જાગૃત કરવા તક મળી રહે તેવા ઉદ્દેશ્ય સાથે વિવિધ કાર્યક્રમો થકી પ્રદર્શનના આયોજન કરવામાં આવતા હોય છે. તે પૈકી ગુજરાત શૈક્ષણિક સંશોધન અને તાલીમ પરિષદ ગાંધીનગર પ્રેરિત જિલ્લા શિક્ષણ અને તાલીમ ભવન નર્મદા તેમજ જિલ્લા શિક્ષણાધિકારીની કચેરી નર્મદા દ્વારા આયોજિત નર્મદા જિલ્લા બાળકો દ્વારા પૃથ્વી રુપ પ્રદર્શન રજૂ કરવામાં આવી. તે અંતર્ગત કુશળ માનવશક્તિ તૈયાર કરવાનું આયોજન કરવામાં આવતું હોય છે અને માધ્યમિક શાળા ઉચ્ચતર માધ્યમિક શાળાઓમાં વિજ્ઞાનની અનેક શોધ અને ટેકનોલોજીના ઉપદેશ તથા ઉત્કર્ષી વિદ્યાર્થીઓને વાકેફ તથા રસમગ્ન કરવા માટે વિવિધ કાર્યક્રમનું આયોજન કરવામાં આવતું હોય છે જેના બાજરુપ ત્રિલોકવાદા એકલવ્ય શાળા ખાતે કાર્યક્રમ નું આયોજન કરવામાં આવ્યું હતું. જેમાં નર્મદા જિલ્લાના પાંચેય તાલુકાની શાળાના બાળકો દ્વારા પૃથ્વી રુપ પ્રદર્શન રજૂ કરવામાં આવી નર્મદા જિલ્લા પંચાયત

## રાજપીપળામાં ફટકડાથી આગ લાગતાં મંડપનો સામાન સળગ્યો

વારિયા : રાજપીપળા શહેરમાં હાલમાં હાઈસિંગ બોર્ડમાં આવેલા એક મંડપનાં મોડર્ન નર-મન-ધની જેમાં ગત રાત્રે લગભગ બાર વાગે આ ગોડાઉનનાં પહેલા માળ પર મુકેલ મંડપનું કપાં સળગી ગયું હતું. ત્યારે કોઈ રોકેટ (લશ્કરી) સળગતી ત્યાં પડી હશે તેનું લાગી રહ્યું છે.

ગોડાઉનનાં પહેલા માળે લાગેલી આગમાં કાપડ, લાકડાનું કબાટ, વાયરિંગ, લાકડાની બારી સહિતનો સામાન બળી ગયો હતો. જોકે રાજપીપળા નગરપાલિકાનાં હાથર ફાઈટરોની સમય સુચકતાથી આગ પર કાબુ મેળવતાં મોટું નુકસાન થતું બચ્યું હતું.

**જાહેર નોટીસ**

આમી અને એલેક્સેટર વિરુદ્ધ જે.સમયા, ગુડરાઈવ, તા.૩૦.૧૦.૨૦૨૩ના તે અમારા અસીલ ફેલાવણ સુગમત પાંચીક, રહે.એસ-૨૩, અંકલેશ્વર, અંકલેશ્વર, તા.૩૦.૧૦.૨૦૨૩ના તેમની સુગમત અમારે પાંચર જમતાને વાદ્યું બોલીથી જણાવીએ છીએ કે, બાપુના કોર્ટમાં જણાવેલ અમારા અસીલની પુત્રી નામે "વિદ્યાભાગી" દેવાચાંદ બંધીદની ટિકટી તે ટિકિટનાર સંવચાલક કપાલ ની પત્ની" અમારા અસીલના કક્ષામાં રહેલ તથી અને સ્વાઈટી ટુપલ ટુપલ માટે દેવાવેલા છે અને અમારા અસીલની પુત્રીને અમારા અસીલની મરુદુ દેવકા ટીલકુમાર સંવચાલક કપાલ નામે સાચી પ્રેમ લગ્ન હાડી લીધેલ છે. અને અમારી પ્રતિજ્ઞાને લાગી પડીયાટીથી લીધે જેથી અમારા પત્નીને તેમની તમામ સમાપ્ત તમા જેમના કિલકલમાંથી તેમની પુત્રી : વિદ્યાભાગીને બેઠકલ કોલ છે જેથી તેમને તમામ સમાપ્ત તમા તમા-સંબંધી અલગ કોલ લીધેલ, સંસ્થા કે પેડીએ કોલેખા જાતને અમારા અસીલની કિલકલોને લગતી કોલ પાલ પ્રકારનો વ્યવસ્થાર કરવો નહીં તેવા નાણાંલેખ લેવડ-ચેવડ કરવી નહીં અને જે કોલ વાલેલ, સંસ્થા કે પેડી અમારા અસીલની પુત્રી સાથે કોલેખા પ્રકારનો વ્યવસ્થાર કરવો તો જે તે વ્યકિત, સંસ્થા કે પેડીની અંબલ જવાબદારી રહે/વેનાં અમારા અસીલની કોલેખા પ્રકારની જવાબદારી રહે/વે નહીં જેથી જાહેર જનતાને જાણીતારી તમા લેવો.

તમામ અસીલની સુચના સમયે કોઈ મારફતે અસીલની સહી/-સુચેચક સમયસર પાંચીક : સહી/-વિરુદ્ધ જે.સમયા (અંકલેશ્વર) રહેઠાણ : ગણેશ વિહારામ સોલકાલી, અ.સ.મુખ્ય.એ.નં.૯૫૫૮૮૫૫૮૮૮

**સરનામું :** ઓવરસીય નીચે, ONGC વર્કશોપ નકસ, અંકલેશ્વર, ડા.ભરૂચ.

**પ્રતિવાદી :** વાસ્તવિક સંચાલક વલકા

**સરનામું :** પટેલ ફનીમ, નવી દીવી, તા.અંકલેશ્વર, ડા.ભરૂચ.

**દાવો ૧- લેણી રકમ રૂ.૩૮૬૬.૮૫/-વસુલ લેવાનો**

આથી જાહેર જનતાને તમા પ્રતિવાદીને જણાવીએ છીએ કે, આ કામના વાદીનાઓએ ખતેની કોર્ટમાં પોતાના દરિયા ગુજરાત વીજ કંપનીના વાદી લાઈસેન્સીના બાકી પડતી રકમ રૂ.૩૮૬૬.૮૫/- વસુલ લેવા માટે ખતેની કોર્ટમાં હાથર ગુજરાત છે જે બાકી તમા પ્રતિવાદીએ આ જાહેર નોટીસ પ્રતિજ્ઞા લેવાથી રૂ.૩૮૬૬.૮૫/- આ અલગ તો શુદ્ધ તા.૦૯-૧૨-૨૦૨૩ ના રોજ ઉપરોક્ત જણાવેલ કોર્ટમાં ખતે અલગ વાલેલ મારફતે હાથર વાલે જવાબ રજૂ કરવા જે આ નોટીસ સમાપ્ત કોલેખા પ્રવાલ રજૂ નહીં થાય તો આ કામના વાદીને માંગ્યા મુજબનું કલકલમાં નામદાર કોર્ટ જરૂરી પ્રવાલના અલગ કોર્ટ આપવો જેનો નોંધ લેવો.

**આજ તારીખ ૧૨ માટે કપાલેશ્વર ૨૦૨૩ ના રોજ મારી સહી તથા કોર્ટનો ટિકટી કરી આપવો.**

**જેના કપાલ :** મુખ્યમત કપાલ

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**જાહેર નોટીસ**

**સરનામું :** ઓવરસીય નીચે, ONGC વર્કશોપ નકસ, અંકલેશ્વર, ડા.ભરૂચ.

**પ્રતિવાદી :** વાસ્તવિક સંચાલક વલકા

**સરનામું :** પટેલ ફનીમ, નવી દીવી, તા.અંકલેશ્વર, ડા.ભરૂચ.

**દાવો ૧- લેણી રકમ રૂ.૮૬૬.૮૫/-વસુલ લેવાનો**

આથી જાહેર જનતાને તમા પ્રતિવાદીને જણાવીએ છીએ કે, આ કામના વાદીનાઓએ ખતેની કોર્ટમાં પોતાના દરિયા ગુજરાત વીજ કંપનીના વાદી લાઈસેન્સીના બાકી પડતી રકમ રૂ.૮૬૬.૮૫/- વસુલ લેવા માટે ખતેની કોર્ટમાં હાથર ગુજરાત છે જે બાકી તમા પ્રતિવાદીએ આ જાહેર નોટીસ પ્રતિજ્ઞા લેવાથી રૂ.૮૬૬.૮૫/- આ અલગ તો શુદ્ધ તા.૦૯-૧૨-૨૦૨૩ ના રોજ ઉપરોક્ત જણાવેલ કોર્ટમાં ખતે અલગ વાલેલ મારફતે હાથર વાલે જવાબ રજૂ કરવા જે આ નોટીસ સમાપ્ત કોલેખા પ્રવાલ રજૂ નહીં થાય તો આ કામના વાદીને માંગ્યા મુજબનું કલકલમાં નામદાર કોર્ટ જરૂરી પ્રવાલના અલગ કોર્ટ આપવો જેનો નોંધ લેવો.

**આજ તારીખ ૧૨ માટે કપાલેશ્વર ૨૦૨૩ ના રોજ મારી સહી તથા કોર્ટનો ટિકટી કરી આપવો.**

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**જાહેર નોટીસ**

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**પ્રતિવાદી :** વાસ્તવિક સંચાલક વલકા

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**આજ તારીખ ૧૨ માટે કપાલેશ્વર ૨૦૨૩ ના રોજ મારી સહી તથા કોર્ટનો ટિકટી કરી આપવો.**

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

**Tourists Fleece In Advance Booking**

TIMES NEWS NETWORK

for Super Tech Solutions Pvt

## 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

### 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



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.

Chandkheda	123
Raikhad	209
Rakhilal	208

East	114
Central	112

### 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.



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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-

nes 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.

## 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.

**PUBLIC NOTICE**  
**ENVIRONMENTAL CLEARANCE**  
It is hereby informed that the Ministry of Environment, Forest and Climate change (IA-III Section), Indira Paryavaran Bhawan, JorBagh Road, New Delhi - 110003, has accorded Environmental Clearance along with environmental conditions and safeguards for **Capacity enhancement of SLF 19 lakh MT to 42.86 Lakh MT** in existing Common hazardous waste treatment Storage, Disposal Facilities (TSDF) of M/s. **BEIL Infrastructure Ltd.** at plot number D-43, Dahej Industrial Estate, Tal Vagra, Dist. Bharuch, 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

Vimta Labs Limited

Registered Office

142, IDA Phase II, Cherlapally

Hyderabad-500 051, Telangana, India

T : +91 40 2726 4141

F : +91 40 2726 3657



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## ISSUED TO

BEIL INFRASTRUCTURE LIMITED

UNIT: DAHEJ

PLOT NO.:43, DAHEJ AMOD ROAD

NEAR BHARAT RASAYAN COMPANY

DAHEJ, DIST.BHARUCH

GUJARAT-392130, INDIA

Report Number : VLL/VLS/24/05413/001

Issue date : 2024.07.02

P.O. Number : 8524250321

P.O. Date : 25-06-2024

Page No.01 of 02

Sample Particulars : **Source Emission Monitoring for Hazardous Waste Incinerator Stack**

Sampling date : 2024.06.10

Sample Registration date : 2024.06.20

Analysis Starting date : 2024.06.20

Analysis Completion date : 2024.07.02

Sample Collected by Vimta Labs Limited

## TEST REPORT

Sr. No.	Parameters	UoM	Results	ELV*
1	Date of Monitoring	D: M: Y	10/06/2024	--
2	Time of Sampling	H:M	10:00	--
3	Diameter of stack	m	1.8	--
4	Duct Area	m <sup>2</sup>	2.54	--
5	Flue gas temperature	°C	78	--
6	Velocity	m/sec	5.70	--
7	Volumetric flow rate	Nm <sup>3</sup> /Sec	12.47	--
8	Particulate Matter	mg/Nm <sup>3</sup>	20.1	<50.0
9	Oxygen as O <sub>2</sub>	%	13.2	--
10	Sulfur Dioxide as SO <sub>2</sub>	mg/Nm <sup>3</sup>	12.5	<200.0
11	Oxides of Nitrogen as NO <sub>2</sub>	mg/Nm <sup>3</sup>	65.9	<400.0
12	Carbon Dioxide as CO <sub>2</sub>	%	7.2	--
13	Carbon Monoxide as CO	mg/Nm <sup>3</sup>	24.5	<50.0
14	Total Organic Carbon as TOC	mg/Nm <sup>3</sup>	8.9	<20.0

\*ELV: Emission Limit Value as per MoE, F & CC Notification GSR 481(E)

All Values are corrected at 11% Oxygen.

Dr. Subba Reddy Mallampati  
Manager-Environment

**Vimta Labs Limited**

Registered Office  
142, IDA Phase-II, Cherlapally  
Hyderabad-500 051, Telangana, India  
T : +91 40 2726 4141  
F : +91 40 2726 3657

**ISSUED TO**

**BEIL INFRASTRUCTURE LIMITED**  
**UNIT: DAHEJ**  
**PLOT NO.:43, DAHEJ AMOD ROAD**  
**NEAR BHARAT RASAYAN COMPANY**  
**DAHEJ, DIST.BHARUCH**  
**GUJARAT-392130, INDIA**

Report Number : VLL/VLS/24/05413/001  
Issue date : 2024.07.02  
P.O. Number : 8524250321  
P.O. Date : 25-06-2024

Page No.02 of 02

Sample Particulars : **Source Emission Monitoring for Hazardous Waste Incinerator Stack**

Sampling date	: 2024.06.10	Sample Registration date	: 2024.06.20
Analysis Starting date	: 2024.06.20	Analysis Completion date	: 2024.07.02
Sample Collected by Vimta Labs Limited			

**TEST REPORT**

Sr. No.	Parameters	UoM	Results	ELV*
1	Time of Sampling	H:M	10:00 AM	--
2	Cadmium +Thorium	mg/Nm <sup>3</sup>	<0.001	<0.05
3	Mercury as Hg		0.017	<0.05
4	Chromium as Cr		0.009	--
	Manganese as Mn		0.021	
	Thallium as Tl		0.013	
	Arsenic as As		0.011	
	Antimony as Sb		0.006	
	Lead as Pb		0.007	
	Cobalt as Co		0.013	
	Copper as Cu		0.019	
	Nickel as Ni		0.022	
	Vanadium as V		0.011	
	<b>Total Metals: Sb+ As+ Pb+ Co+ Cr+ Cu+ Mn+ Ni+ V+ Their compounds</b>		<b>0.149</b>	<b>&lt;0.5</b>

\*ELV: Emission Limit Value as per MoE,F&CC Notification GSR 481(E)  
All Values are corrected at 11% Oxygen.

**Dr. Subba Reddy Mallampati**  
**Manager-Environment**



**Vimta Labs Limited**

Registered Office  
142, IDA Phase II, Chèrlapally  
Hyderabad-500 051, Telangana, India  
T : +91 40 2726 4141  
F : +91 40 2726 3657

**ISSUED TO****BEIL INFRASTRUCTURE LIMITED****UNIT: DAHEJ****PLOT NO.:43, DAHEJ AMOD ROAD****NEAR BHARAT RASAYAN COMPANY****DAHEJ, DIST.BHARUCH****GUJARAT-392130, INDIA**

Report Number : VLL/VLS/24/05413/002  
Issue date : 2024.07.02  
P.O. Number : 8524250321  
P.O. Date : 25-06-2024

Page No.01 of 01

Sample Particulars : **Source Emission Monitoring for Hazardous Waste Incinerator Stack**

Sampling date : 2024.06.10 Sample Registration date : 2024.06.20  
Analysis Starting date : 2024.06.20 Analysis Completion date : 2024.07.02  
Sample Collected by Vimta Labs Limited, Sample Outsourcing Registration number: AR-24-IR-061810-01

**TEST REPORT**

Sr. No.	Parameters	UoM	Results
1	Date of Monitoring	D: M: Y	10/06/2024
2	Time of Sampling	H:M	10:00 AM
3	Diameter of stack	m	1.8
4	Flue gas temperature	°C	78
5	Velocity	m/sec	5.70
6	Volumetric flow rate	Nm³/Sec	12.47
7	Oxygen	%	13.2
8	Carbon Monoxide	mg/ Nm³	24.5
Dioxin & Furans			
1	2,3,7,8-TCDF	ng/Nm³, TEQ	0.0026
2	1,2,3,7,8-PeCDF		0.0000
3	2,3,4,7,8-PeCDF		0.0026
4	1,2,3,4,7,8-HxCDF		0.0072
5	1,2,3,6,7,8-HxCDF		0.0043
6	2,3,4,6,7,8-HxCDF		0.0008
7	1,2,3,7,8,9-HxCDF		0.0002
8	1,2,3,4,6,7,8-HpCDF		0.0062
9	1,2,3,4,7,8,9-HpCDF		0.0040
10	OCDF		0.0000
11	2,3,7,8-TCDD		0.0002
12	1,2,3,7,8-PeCDD		0.0239
13	1,2,3,4,7,8-HxCDD		0.0043
14	1,2,3,6,7,8-HxCDD		0.0106
15	1,2,3,7,8,9-HxCDD		0.0073
16	1,2,3,4,6,7,8-HpCDD		0.0017
17	OCDD		0.0013
Total Dioxins & Furans in ng/Nm³, TEQ			0.0773
Total Dioxins & Furans in ng/Nm³, TEQ Corrected to 11% O₂			0.0623
ELV* ng/Nm³, TEQ Corrected to 11% O₂			< 0.1

\*ELV: Emission Limit Value as per MoE, F &amp; CC Notification GSR 481 (E)

Dr. Subba Reddy Mallampati  
Manager-Environment



## LABORATORY TESTING REPORT

Report No.: VE/SE/2024/09/0019		Date: 25/09/2024	
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, Gujarat,	
Contact Person	:	Mr. Kamalkant Raut	
Sample Collection Date	:	19/09/2024	Sampling Type : Isokinetic Sampling
Sample Receipt Date	:	19/09/2024	Sample ID : SE/2024/09/0019
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 : 19/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 24/09/2024
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	:	28.9	Stack Temperature °C : 72
Oxygen content (%)	:	8.5	Stack pressure (mmH <sub>2</sub> O) : 7.3
Moisture (%)	:	12.7	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	0.00082
2.	2,3,7,8-TCDD	<0.0025	1	<0.0025
3.	1,2,3,7,8-PeCDF	0.0081	0.05/0.03	0.0004
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

Ayushi K Chaturvedi (Quality Manager)

  
 Verified By

  
 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

Page No.: 1 of 2





### LABORATORY TESTING REPORT

11.	1,2,3,6,7,8-HxCDD	0.012	0.1	0.0012
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	0.00045
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	0.0052
16.	OCDF	0.16	0.001	0.00016
17.	OCDD	4.6	0.001	0.0046
18.	TOTAL PCDD/PCDF			0.014 – 0.024
19.	TOTAL PCDD/PCDF (ngTEQ/Nm3)			0.005
20.	TOTAL PCDD/PCDF (ngTEQ/Nm4)	at 10 [%] O2 Ref		0.0086

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.

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





Annexure-27

# BEIL INFRASTRUCTURE LIMITED. - DAHEJ

ANALYTICAL RESEARCH & DEVELOPMENT LABORATORY

## LANDFILL- GAS VENT MONITORING TEST REPORT

Sr. No.	Date	Parameters	Unit	Location					
				VENT-1	VENT-2	VENT-3	VENT-4	VENT-5	VENT-6
1	08-04-2024	VOC	ppb	BDL	BDL	BDL	BDL	BDL	BDL
2	06-05-2024			BDL	BDL	BDL	BDL	BDL	BDL
3	08-06-2024			BDL	BDL	BDL	BDL	BDL	BDL
4	06-07-2024			BDL	BDL	BDL	BDL	BDL	BDL
5	10-08-2024			BDL	BDL	BDL	BDL	BDL	BDL
6	04-09-2024			BDL	BDL	BDL	BDL	BDL	BDL
7	08-04-2024	H2S	ppm	BDL	BDL	BDL	BDL	BDL	BDL
8	06-05-2024			BDL	BDL	BDL	BDL	BDL	BDL
9	08-06-2024			BDL	BDL	BDL	BDL	BDL	BDL
10	06-07-2024			BDL	BDL	BDL	BDL	BDL	BDL
11	10-08-2024			BDL	BDL	BDL	BDL	BDL	BDL
12	04-09-2024			BDL	BDL	BDL	BDL	BDL	BDL

For, BEIL Infrastructure Limited.

Authorized By:  
Mr. Sathish kumar Gaddam  
(Technical Manager-QA)

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. કાયદેસરશ્રી,  
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





0/c

## Annexure 29

### BEIL INFRASTRUCTURE LIMITED

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

Ref: BEIL/DHJ/2024-25/10

Date: 27.05.2024

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 2023-24

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 2023-24

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. H-129052 for Cell 7,8,9,10.
2. CTE Amendment vide consent no. CTE-133310 for Pre-processing Facility.

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

CC:

1. **Regional Office**  
Gujarat Pollution Control Board, Bharuch.
2. **Unit Head- Hazardous waste cell**  
Gujarat Pollution Control Board, Gandhinagar.

*Blut* 29/5/24  
Post Received  
Gujarat Pollution Control Board  
BHARUCH

CIN NO. U45300GJ1997PLC032696

Works Office : Plot No. D-43, Dahej Amod Road, GIDC Estate, Dahej, T. Va  
Phone : (02641) 291129, E-mail : [mistryrg@beil.co.in](mailto:mistryrg@beil.co.in)  
Regd. Office : Plot No. 9701-16, GIDC Estate, Post Box No. 82, Ankleshwa  
Phones (02646) 253135, 225228 Fax : (02642) 222849 E-mail : [dalwadibdg@beil.co.in](mailto:dalwadibdg@beil.co.in)

## ENVIRONMENTAL STATEMENT

**Environmental Statement for the financial year ending 31<sup>st</sup> March 2024**

### PART - A

01	Name and address of the owner/occupier of the industry/operation or process		Director – Mr. Ashok Panjwani Operator – Mr. B.D. Dalwadi	
			BEIL Infrastructure Ltd Plot # D-43, GIDC, Dahej, Ta : Vagra Dist : Bharuch	
02	Industry Category	Primary – STC Code	-	
		Secondary–SIC Code	-	
03	Production capacity	Units		
		No.	Product	Capacity
		1.	Secured landfill site	1,65,400 MT Cell-1 (Closed) 3,12,960 MT Cell 2& 5 (Partially Closed) 1,65,689 MT Cell-3 (Capacity reach) 1,75,385 MT Cell-4 (Capacity reach) 2,61,312 MT Cell-6 (Capacity reach) 1,19,468 MT Cell-7 (Operation) 1,05,942 MT Cell-8 (Operation) 94,708 MT Cell-9 (Operation) 1,29,815 MT Cell-10 (Operation)
		2.	Multiple Effect Evaporator (MEE)	200 KLD
		3.	De-Contaminated & De-toxified packing material (drum, carboy, liners etc.)	2,10,240 Nos/Year
		4.	De-contaminated & Detoxification of tankers	36,000 Nos/Yr
		5.	Incineration Facility	12 Million Kcal/Hr
It is a TSDF Facility (Common Secured Landfill Facility)				
04	Year of establishment	2015		
05	Date of the last Environmental Statement submitted		26.06.2023	



## PART – B

### Water and Raw material Consumption

#### 01. Water consumption m<sup>3</sup>/day

01	Water Consumption			272.93 m <sup>3</sup> /day	
02	Process			38.01 m <sup>3</sup> /day	
03	Domestic			31.44 m <sup>3</sup> /day	
04	Biodegradable			203.46 m <sup>3</sup> /day	
Sr. No.	Name of Products (*)			Process Water Consumption per unit of product output	
	S r. N o.	Facility	Actual Qty. during the year 2023-24	During the previous financial year	
				During the current financial year	
				Note: There is no manufacturing activity as this is a TSDF Facility	
1.	Secured landfill site	3,64,852.72 MT (received)			
2.	MEE	41,229 MT (Evaporated)			
3.	De-Contaminated & Disposal system	93,989 Nos.			
4.	De-contaminated & Detoxification of tankers	--			
5.	Incineration	15352.45 MT (Incinerated)			

(\*) Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw material used.

## 02 Raw Material Consumption

Sr. No.	Name of Products (*)	Consumption of raw material (in Kgs)	
		During the previous financial year	During the current financial year
1.	(Common secured Landfill Facility & Common Incinerator Facility)	Fly Ash: 61,98,490 Cement: 85,12,900 Lime: 7,09,514 Caustic: 2,80,440	Fly Ash: 47,84,900 Cement: 19,63,900 Lime: 25,95,980.000 Caustic: 17,76,209.550 Activated carbon: 10056
It is a TSDF Facility (Common Secured Landfill & Incineration Facility)			

### PART - C

#### Pollution discharged to environment/unit of output (Parameters as specified in the Consent issued)

Sr. No.	Pollution	Quantity of pollutants discharged (Mass/day)		Concentrations of pollutants in discharges (mass / volume)	Percentage of variation from prescribed Standards with reasons
A	Water	BEIL, Dahej is a ZLD unit, the leachate generated is being treated in MEE and MEE condensate is treated in ETP (MAP+ RO). The permeate is used within the premises.			
B	Air				
		Incinerator stack			
		PM	34.96 Kg/day	30.9 mg/m3	-38.20%
		HCl	8.49 Kg/day	30.32 mg/m3	-85.00%
		SO2	12.68 Kg/day	45.28 mg/m3	-94.40%
		NOx (NO and NO2)	26.48 Kg/day	94.60 mg/m3	-94.15%
		CO	15.39 Kg/day	54.98 mg/m3	-86.4%
		Spray dryer stack			
		PM	20.90 Kg/day	43.1 mg/m <sup>3</sup>	-71.27%
		NOx	5.53 Kg/day	11.40 mg/m <sup>3</sup>	-77.19%
		Stabilization scrubber stack			
		PM	5.52 Kg/day	12.71 mg/m <sup>3</sup>	-91.53%
		HCL	-	Not detectable	-
		*Detection Limit: PM : 10 mg/Nm3, HCl :0.2 mg/Nm3, Cl <sub>2</sub> :0.2 mg/Nm3			
Drum Decontamination scrubber stack:					
PM, HCL & Cl <sub>2</sub> were below detection limit.					
*Detection Limit: HCl :0.2 mg/Nm3, Cl <sub>2</sub> :0.2 mg/Nm3					



**Part – D**  
**Hazardous Waste**

(As specified under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.)

<b>Hazardous Wastes</b>		<b>Total Quantity (MT)</b>	
		<b>During the previous financial year 2022-23</b>	<b>During the current financial year 2023-24</b>
<b>A</b>	<b>From Process</b>	<b>(*)</b>	<b>(*)</b>
	From pollution control facilities (generation)	<b>6,039.66 MT</b> MEE salt & ETP Sludge <b>7772.20 KL</b> of leachate water generated from landfilling treated in the MEE plant. <b>26,518 KL</b> Condensate generated from MEE and treated in the ETP plant. <b>2.975 MT</b> Residue generated from the drum- decontamination plant. <b>0.038 KLPA</b> Used Oil generated. <b>798.97 MT</b> Qty Ash generated from the Combustion chamber. <b>1621.96 MT</b> from scrubber (Lime Ash)	<b>5171.32 MT</b> MEE salt & ETP Sludge. <b>9790.82 KL</b> of leachate water generated from landfilling treated in the MEE plant. <b>23,920 KL</b> Condensate generated from MEE and treated in the ETP plant. <b>2.740 MT</b> Residue generated from the drum- decontamination plant. <b>0.085 KLPA</b> Used Oil generated. <b>2433.27 MT</b> Qty Ash generated from the Combustion chamber & WHRB. <b>5462.29 MT</b> from scrubber (Lime Ash)
<b>B</b>	Quantity re-cycled or re-utilized within the unit	<b>20,940 KL</b> RO Permeate generated and reused in gardening and other industrial activities. <b>1621.96 MT</b> of Lime ash generated from incinerator used for pre-treatment (stabilization) of Landfill waste.	<b>14,998 KL</b> RO Permeate generated and reused in gardening and other industrial activities. <b>5462.29 MT</b> of Lime ash generated from incinerator used for pre-treatment (stabilization) of Landfill waste.
	Total quantity disposed of for landfill	<b>Received- 2,27,519.72 MT</b> <b>Disposed- 2,43,002.19 MT</b>	<b>Received- 3,64,852.72 MT</b> <b>Disposed- 3,55,733.66 MT</b>
	Total quantity incinerated	<b>3,072.49 MT</b>	<b>15,352.56 MT</b>



- (\*) This being a TSDF Facility (Common Secured Landfill Facility), different types of wastes permitted by GPCB, are collected from member industries, and disposed at the landfill site as per CPCB guideline. Please see the attached Table for quantity disposed at the site.

**Part – E**  
**Solid Waste**

Hazardous Wastes		Total Quantity (MT)	
		During the previous financial year 2021-22	During the current financial year 2022-23
a	From Process	(*)	(*)
b	From pollution control facilities (MEE salt & ETP Sludge)		
(*)	This being a TSDF Facility (Common Secured Landfill Facility), different types of wastes permitted by GPCB, are collected from member industries, and disposed at the landfill site as per CPCB guideline. Please see the attached Table for quantity disposed at the site.		

### **Part – F**

**Please specify the characteristics (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.**

BEIL is receiving accepted types of waste for secured landfilling. If waste is not meeting criteria for direct landfilling, necessary treatment like neutralization / stabilization etc. are given. Leachate generated is treated at in-house MEE followed by Spray Dryer.

### **Part – G**

**Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.**

The Company has implemented Environmental Management System Standards ISO 14001:2015 & ISO 45001:2018 and helped in improving overall environmental condition and Safety of the unit.

This being a TSDF Facility (Common Secured Landfill Facility), & Common Incinerator Facility), there is no processing activity. We are collecting solid / hazardous wastes from our members and treating & disposing off. We are drawing samples from every truck coming to our site and a Quick Analysis is done for pH, Moisture Content and Organic Content, Paint Filter Liquid Test etc. Also, we are verifying whether waste is uniform and is not having any obnoxious smell. Also, detailed analysis of solid / hazardous waste samples is done at the laboratory. During monsoon period, the site is kept covered. We have also provided a storage facility for keeping the solid / hazardous wastes collected during monsoon. Leachate generated from the landfill is treated in in-house MEE at BEIL Dahej.

Landfill Site (Cell-I): - Capped

Landfill Site (Cell II & V): - Partially capped

Landfill Site (Cell III & Cell IV): - Capacity Reach

Landfill Site (Cell VI): - Capacity Reach

Landfill Site (Cell VII): - Capacity Reach

Landfill Site (Cell VIII): - Operational

Landfill Site (Cell IX): - Operational

Landfill Site (Cell X): - Operational

BEIL has installed multiple effect evaporation system (MEE), which is energy efficient compared to other evaporation system. We have Received CCA on 16.12.2017 and it is in operation.

BEIL Infrastructure Limited have installed one incinerator with capacity of 12 million K cal/Hr along with Heat recovery system. Generated steam is being utilized in Multi Effect Evaporation system (MEE). The system provided consists of Rotary kiln, Secondary Combustion Chamber, WHRB, Spray dryer adsorber (SDA), Bag Filter, Wet Scrubber, ID Fan, Chimney & Continuous Monitoring System.

We have installed solar panels above capped portion of landfill. We have generated 2,74,675 kWh unit during the year 2023-24.



### **Part – H**

Addition measures / investment proposal for environmental protection including abatement of pollution, prevention of pollution.

- GPCB XGN Online manifest system implemented for all industries.
- Laboratory at BEIL is NABL accredited.
- BEIL is also going for recognition of MoEF for Laboratory.
- Total investment for environmental protection including abatement of pollution, prevention of pollution is rupees 1,60,68,507.4 during the year 2023-2024. Details are as following:
  - ✓ Tarpaulin covering with LDPE sheet.
  - ✓ In Bag House of MEE plant damaged Beggings had been replaced.
  - ✓ Installation and maintenance work related to CEMS.

### **Part – I**

Any other particulars for improving the quality of the environment.

- BEIL has implemented Environmental Management System Standards ISO 14001:2015 & ISO 45001:2018. Implementation of ISO 14001:2015 & ISO 45001:2018 has helped in improvement of the environmental protection and Safety.
- The design of secured landfill is done under the guidance of IIT, New Delhi. After construction of each cell, inspection is done by Professor from IITD.
- Lot of NGOs, community members, journalists, students, and industrialists are visiting BEIL and appreciating the operations. BEIL is exhibiting various details in front of the landfill. All the visitors are welcome.
- BEIL is maintaining a proper Manifest system as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. This helps in keeping proper records.
- Laboratory has been augmented. Laboratory got recognition of NABL.
- Green belt is developed around the periphery.
- We have installed solar panels above capped portion of landfill. We have generated 2,74,675 kWh unit during the year 2023-24.

For, **BEIL Infrastructure Limited, Dahej**

  
Authorized Signatory



**BEIL INFRASTRUCTURE LTD  
DAHEJ**

**LANDFILLING DETAILS**

**Quantity of solid / hazardous waste received and disposed off  
During April- 2023 to March – 2024**

<b>Sr No</b>	<b>Month</b>	<b>Received Quantity</b>	<b>Disposed Quantity</b>
All quantity in MT			
1	<b>April- 2023</b>	25,107.58	25,107.58
2	<b>May- 2023</b>	23,766.31	23,766.31
3	<b>June -2023</b>	22,632.06	7,898.40
4	<b>July -2023</b>	12,568.61	0
5	<b>August -2023</b>	11,853.91	0
6	<b>September -2023</b>	7,624.91	0
7	<b>October -2023</b>	33,349.06	36,349.06
8	<b>November-2023</b>	41,443.20	44,105.23
9	<b>December -2023</b>	51,690.25	56,690.25
10	<b>January- 2024</b>	43,396.86	53,396.86
11	<b>February- 2024</b>	44,684.52	51,684.52
12	<b>March - 2024</b>	46,735.45	56735.44
<b>TOTAL</b>		<b>3,64,852.72</b>	<b>3,55,733.65</b>

**Closing stock: 9,119.06 MT**



**BEIL INFRASTRUCTURE LTD. DAHEJ**

**Decontamination & detoxify facility  
During April- 2023 to March – 2024**

**Opening Stock- 4,929 Nos.**

<b>Month</b>	<b>No. of Drums Received</b>	<b>No. of Drums De- contaminated</b>	<b>No. of Drums dispatches</b>
<b>April- 2023</b>	4126	5791	5920
<b>May- 2023</b>	4843	7357	4756
<b>June -2023</b>	4957	6300	4877
<b>July -2023</b>	6038	5456	4901
<b>August -2023</b>	4740	4696	5078
<b>September -2023</b>	12001	10737	9992
<b>October -2023</b>	14392	15325	15950
<b>November-2023</b>	15139	14236	12012
<b>December -2023</b>	11017	12351	12997
<b>January- 2024</b>	3402	5779	6525
<b>February- 2024</b>	4787	3404	3337
<b>March - 2024</b>	5707	2557	2976
<b>Total</b>	<b>91,149</b>	<b>93,989</b>	<b>89,321</b>

**Closing Stock- 6,757 Nos.**

### **WASTE GENERATION DETAILS**

Cat.:34.1- Residue generated from Drum- decontamination plant  
During April- 2023 to March – 2024

<b>Month</b>	<b>Residue Generation (MT)</b>
<b>April- 2023</b>	0.100
<b>May- 2023</b>	0.120
<b>June -2023</b>	0.170
<b>July -2023</b>	0.210
<b>August -2023</b>	0.280
<b>September -2023</b>	0.310
<b>October -2023</b>	0.500
<b>November-2023</b>	0.350
<b>December -2023</b>	0.250
<b>January- 2024</b>	0.150
<b>February- 2024</b>	0.250
<b>March - 2024</b>	0.50
<b>Total</b>	<b>2.740</b>

**BEIL INFRASTRUCTURE LTD  
DAHEJ**

**Wastewater generated from Landfill (Leachate) sent to  
MEE at BEIL, Dahej during April- 2023 to March – 2024**

<b>Month</b>	<b>Generated Leachate from land filling Treated in in-house MEE (KL)</b>
<b>April- 2023</b>	858.00
<b>May- 2023</b>	821.00
<b>June -2023</b>	690.00
<b>July -2023</b>	716.40
<b>August -2023</b>	719.20
<b>September -2023</b>	696.00
<b>October -2023</b>	519.70
<b>November-2023</b>	489.00
<b>December -2023</b>	960.23
<b>January- 2024</b>	877.60
<b>February- 2024</b>	833.70
<b>March - 2024</b>	1609.99
<b>Total</b>	<b>9790.82</b>

**WASTE GENERATION AND DISPOSED DETAILS**  
**MEE Salts & Chemical Sludge from wastewater treatment (MEE plant)**

<b>Month</b>	<b>Generation of MEE Salts</b>	<b>Generation of chemical Sludge</b>
<b>April- 2023</b>	509.22	35.1
<b>May- 2023</b>	326.74	29.63
<b>June -2023</b>	399.96	27.62
<b>July -2023</b>	316.00	22.56
<b>August -2023</b>	399.85	28.17
<b>September -2023</b>	512.26	34.64
<b>October -2023</b>	429.91	21.4
<b>November-2023</b>	374.87	18.8
<b>December-2023</b>	504.82	22.27
<b>January-2024</b>	428.15	10.68
<b>February-2024</b>	318.00	13.5
<b>March-2024</b>	374.95	12.21
<b>Total</b>	<b>4894.74</b>	<b>276.58</b>



**WASTE GENERATION AND DISPOSED DETAILS**

Cat.: 5.1 – Used / spent Oil

Month	Opening stock	Generation	Disposed	Closing Stock
All quantity in litres				
April- 2023	25	0	0	25
May- 2023	25	15	0	40
June -2023	40	5	0	45
July -2023	45	10	0	55
August -2023	55	5	0	60
September -2023	60	10	0	70
October -2023	70	0	0	70
November-2023	70	10	0	80
December -2023	80	15	0	95
January- 2024	95	5	0	100
February- 2024	100	10	0	110
March - 2024	110	0	0	110
Total		85	0	

### **INCINERATION DETAILS**

**QUANTITY OF INCINERABLE WASTE RECEIVED AND DISPOSED OFF  
DURING APRIL- 2023 TO MARCH- 2024**

**Opening Stock: 3633.03 MT**

<b>Month</b>	<b>Waste Received (MT)</b>	<b>Waste Incinerated (MT)</b>
<b>April- 2023</b>	829.32	1325.92
<b>May- 2023</b>	581.27	723.21
<b>June -2023</b>	986.24	786.67
<b>July -2023</b>	945.60	1219.19
<b>August- 2023</b>	1358.10	901.96
<b>September- 2023</b>	958.46	1527.34
<b>October- 2023</b>	1454.18	1701.09
<b>November-2023</b>	1334.50	1446.25
<b>December -2023</b>	1263.99	291.50
<b>January- 2024</b>	1146.67	1615.61
<b>February- 2024</b>	1065.49	1904.36
<b>March - 2024</b>	1418.84	1909.41
<b>Total</b>	<b>13,342.71</b>	<b>15,352.56</b>
<b>Closing stock - 1623.18 MT</b>		

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 201481 M.No. 9723 33 3532	ડી. એચ. મી. પાટી 19/01/19
4.	The Sarpanch -Lakhigam	સરપંચ 16/01/19
5.	The Sarpanch -Jolva Pargalpi 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	Despatch Clerk Bharuch Nagarpalika 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 ગરુડા ગામપંચાયત સરપંચ ગામ પંચાયત - ભુવારા તા. વાગરા, જી. ભરૂચ
13.	The Sarpanch - Surq 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


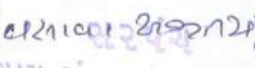
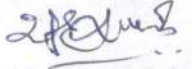
16 The Sarpanch - Atali

17 The Sarpanch - Blesli  
(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-પાલીયાદરા 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 ( Akwindbhai ) M.No. 9998821712 / 8141204301	 Rajibhai Parmar xકપિલાવેળ રા. રા. ભરૂચ 18/01/2019
	The Sarpanch -	
	The Sarpanch -	
	The Sarpanch -	



**UNITED INDIA INSURANCE COMPANY LIMITED**  
2ND FLOOR, OPP HOTEL LORDS PLAZA ,B/H RAILWAY STATION OLD N.H. NO-  
8,GIDC,ANKLESHWAR ,BHARUCH ANKLESHWAR, BHARUCH, GUJARAT  
BHARUCH - 393002 GUJARAT  
PHONE: (2646) 220151 FAX: EMAIL:

**PUBLIC LIABILITY ACT POLICY**  
**Policy No.:1806012724P101621152**

**PERIOD OF INSURANCE**  
**From 00:00 hrs of 01/05/2024**  
**To midnight of 30/04/2025**

*Insured*

**M/s BEIL INFRASTRUCTURE LTD.**

PLOT NO.9701 TO 9716/9801 TO 9828/9901 TO 9906/9923 TO 9928(2) KISHOKLAND BETWEEN  
POT NO.9701 TO 9716(3) ROAD AREA BETWEEN PLOT NO.9801 TO 9814/9501 TO 9506/7905E  
TO H.ROAD/9601 TO 9604/  
10001 TO 10003/1804 & ELIELINEGS, G7, 8 ROAD 1 & 2/7924 TO 7927 AND SURVEY NOS.  
233,269,271,272,273, OF JITALI VILLAGE, GIDC, ANKLESHWAR  
BHARUCH  
393002  
GUJARAT

Agent Name : DAXABEN GHANSHYAM BHATT  
Agent Code : AGN1049104  
Mobile/Landline Number/Email : 9824112770  
: ggbhatt26@yahoo.com

The genuineness of the policy can be verified through "Verify Your Policy" link at [www.uiic.co.in](http://www.uiic.co.in).

For any Information, Service Requests, Claim intimation and Grievances please write to [180601@uiic.co.in](mailto:180601@uiic.co.in)

Download Customer App([www.uiic.co.in](http://www.uiic.co.in)). REGD. & HEAD OFFICE, 24, WHITES ROAD, CHENNAI - 600014.

Website: <http://www.uiic.co.in>

Printed By : CUSTOMER @ 02/05/2024 12:46:24 PM

This document is digitally signed

Signer: KALAIVENI SUBBIAH  
Date: Thu, May 2, 2024 12:44:45 IST  
Location: United India Insurance Company Ltd  
Reason: Signing Policy for UIIC

# PUBLIC LIABILITY ACT POLICY SCHEDULE

Policy No.	1806012724P101621152	Prev. Pol. No.	1806012723P101254940
Name Of Insured/ID	<b>M/s BEIL INFRASTRUCTURE LTD./23082275340</b>		
Tel.(O)		Fax	
Business/Occupation	None	Email	siddharth.shah@beil.co.in
Period of Insurance	From 00:00Hours of 01/05/2024 To Midnight of 30/04/2025		

<b>CO-INSURANCE DETAILS:</b>	UIIC 180601 : 100%
<b>PREMIUM:</b>	NINE THOUSAND TWO HUNDRED TWENTY-FIVE RUPEES ONLY

Description of risk : DISP. OF SOLID & LIQUID WASTE

**Territory(Geographical Limits)/Jurisdiction:-**

Territory	Jurisdiction	Details	Description
India	India	PLOT NO.(1) 9701 TO 9716/ 9801 TO 9828/ 9901 TO 9906/ 9923 TO 9928(2) KISHOKLAND BET. NO. 9701 TO 16.(3) ROAD AREA BET.NO.9801 TO 9814/ VAR PLOT NO. OF JITALI , GIDC, ANKLESHWAR.(4) AHMEDABAD UNIT MUNICIPAL SOLID WASTE SITE,B/H TORRENT POWER SUB STATION,NR HOTEL DEV,NAROL-SARKHEJ HIGHWAY,GYASPUR,AHMEDABAD (5)DAHEJ UNIT PLOT NO. 43, GIDC DAHEJ, BHARUCH (6) BHARUCH ENVIRO INFRASTRUCTURE LTD, JHAGADIA UNIT,PLOT NO. 911/C,GIDC JHAGADIA,DIST:BHARUCH-393110.	ANKLESHWAR/DAHEJ/AHMD/JHAGADIA UNIT

**Subsidiaries:-**

<b>Excess/Deductible:-</b>	
<b>Compulsory Excess/Deductible:-</b>	₹ 207,187.20
<b>Voluntary Excess/Deductible:-</b>	₹ 0.00

## TRANSPORTATION OF CHEMICALS

<b>INDEMNITY LIMIT</b>	
Any One ACCIDENT	: ₹ 41,437,440.00
Aggregate During the Policy Period (Not exceeding three Times of any one accident of Indemnity Limit )	: ₹ 124,312,320.00
Contribution to environment Relief fund	: ₹ 9,225.00
Other Discount Amount	: ₹ 175266.62

Estimated Annual turnover	
Proposed Year	Previous Year
5500000000	4500000000

Premium	: ₹ 9,225.00
CGST(9%)	: ₹ 830.00
SGST(9%)	: ₹ 830.00
Stamp duty	: ₹ 0.00
<b>Total</b>	: ₹ <b>20,110.00</b>
Receipt Number	: 10118060124101627577
Receipt Date	: 01/05/2024

Agency/Broker Code:	AGN1049104
Dev.Officer Code:	

<b>Underwriting Remarks</b>	DISPOSAL OF HAZARDOUS, SOLID AND LIQUID WEST BY INCINERATION AND LANDFILLING, ON VARIOUS PLOTS MANTIONED AS ABOVE.
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<b>Customer GST/UIN No.:</b>	24AAACB8075F1ZU	<b>Office GST No.:</b>	24AAACU5552C3ZN
<b>SAC Code:</b>	997139	<b>Invoice No. &amp; Date:</b>	2724I101621152 & 01/05/2024
<b>Amount Subject to Reverse Charges-NIL</b>			

**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.**

**Anti Money Laundering Clause:-**In the event of a claim under the policy exceeding ₹ 1 lakh or a claim for refund of premium exceeding ₹ 1 lakh, the insured will comply with the provisions of AML policy of the company. The AML policy is available in all our operating offices as well as Company's web site.

**LET US JOIN THE FIGHT AGAINST CORRUPTION. PLEASE TAKE THE PLEDGE AT <https://pledge.cvc.nic.in>.**

<b>Extension Names</b>	<b>LIMIT OF INDEMNITY (₹) AOA : AOY</b>
Indemnity Cover	41437440:124312320

<b>Underwriting Remarks</b>	DISPOSAL OF HAZARDOUS, SOLID AND LIQUID WEST BY INCINERATION AND LANDFILLING, ON VARIOUS PLOTS MANTIONED AS ABOVE.
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<b>RETROACTIVE DATE</b>	<b>LIMIT OF INDEMNITY(₹)</b>
01/05/1998	41860340

Date of Proposal and Declaration: 01/05/2024  
IN WITNESS WHEREOF, the undersigned being duly authorised has hereunto set his/her hand at  
BO ANKLESHWAR 180601 on this 01st day of May ,2024

**For United India Insurance Co. Ltd.**



**Authorised Signatory.**



**LIABILITY INSURANCE POLICY  
(UNDER PUBLIC LIABILITY INSURANCE ACT 1991)**

**1. OPERATIVE CLAUSE**

Whereas the Insured Owner named in the Schedule hereto and carrying on business described in the said Schedule has applied to the UNITED INSURANCE COMPANY LIMITED(hereinafter called the "Company")for the indemnity hereinafter contained and has made a written proposal and declaration which shall be the basis of this contract and is deemed to be incorporated herein and has paid the premium and statutory contributions towards the Environmental Relief Fund as per the provision of the Public Liability Insurance Act, 1991 and the rules framed there under,as amended from time to time..

**NOW THIS POLICY WITNESSETH** that subject to the terms, exceptions and conditions contained herein or endorsed herein, the Company will indemnify the Insured Owner against the statutory liability arising out of accidents occurring during the currency of the Policy due to handling hazardous substances as provided for in the said Act and the Rules framed thereunder as amended from time to time.

**2. DEFINITIONS:**

- a) "ACT" unless otherwise specifically mentioned shall mean the Public Liability Insurance Act 1991 as amended from time to time.
- b) "Accident" means an accident involving a fortuitous sudden or unintentional occurrence while handling any hazardous substance resulting in continuous, intermittent or repeated exposure to death of, or injury to any person or damage to any property but does not include an accident by reason only of war or radioactivity.
- c) "Handling" in relation to any hazardous substance means the manufacture processing, treatment, package, storage, transportation by vehicle, use, collection, destruction, conversion, offering for sale, transfer or the like of such hazardous substances.
- d) "Hazardous Substance" means any substance or preparation which is defined as hazardous substance under the Environment (Protection) Act, 1986 and exceeding such quantity as may be specified, by notification by the Central Government;
- e) "Owner" means a person who owns, or has control over handling any hazardous substance at the time of accident and includes:
  - i) in the case of a firm, any of its partners;
  - ii) in the case of an association, any of its members and
  - iii) in the case of a company, any of its directors, managers, secretaries or other officers who is directly in charge of, and is responsible to the company for the conduct of the business of the company;
- f) "Turnover" shall mean
  - i) manufacturing units- Annual Gross Sales of all goods including all levies and taxes
  - ii) Godowns/ Warehouse owners - Total Annual rental receipts
  - iii) Transport Operators - Total Annual freight receipts
  - iv) Others - Total Annual gross receipts.

**3. EXCLUSIONS:**

This Policy does not cover liability;

- 1. arising out of wilful or intentional non-compliance of any Statutory provisions.
- 2. in respect of fines, penalties, punitive and / or exemplary damages.
- 3. arising under any other legislation except in so far as provided for in Section 8 Sub-Section (1) and (2) of the "Act".
- 4. in respect of damage to property owned, leased or hired or under hire purchase or on loan to the Insured or otherwise in the Insured Owner's control, care or custody.
- 5. directly or indirectly occasioned by, happening through or in consequence of war, invasion, act of foreign enemy, hostilities (whether war be declared or not) civil war, rebellion, revolution, insurrection or military or usurped power;
- 6. directly or indirectly caused by or contributed to by:

- a) ionising radiation or contamination by radioactivity from any nuclear fuel or from any nuclear waste from the combustion of nuclear fuel;
- b) the radioactive, toxic, explosive or other hazardous properties of any explosive nuclear assembly or nuclear component thereof.

#### 4. CONDITIONS:

1. The Insured Owner shall give written notice to the Company as soon as reasonably practicable of any claim made against the Insured Owner or of any specific event or circumstance that may give rise to a claim. The Insured Owner shall immediately give to the Company copies of notice of application forwarded by the Collector and all such additional information and or assistance that the Company may require.
2. No admission, offer, promise or payment shall be made or given by or on behalf of the Insured Owner under this Policy without the written consent of the Company.
3. The Company shall not be liable for any claim for relief made after five years from the date of occurrence of the accident.
4. The Insured Owner shall keep record of annual turnover, and at the time of renewal of insurance declare such turnover and all other details as may be required by the Company. The Company shall at all reasonable times have full rights to call for and examine such records.
5. If at the time of happening of any accident resulting in a claim under this Policy there be any other insurance covering the same liability then the Company shall not be liable to pay or contribute more than its rateable proportion of such liability.
6. This Policy may be cancelled by the Insured Owner by giving 30 days' notice in writing to the Company in which event the Company will retain the premium at short period scale of rates subject to there not having occurred an accident during the Policy period which may give rise to a claim(s), failing which no refund of premium shall be allowable.
7. This insurance may be terminated at any time at the request of the Insured, in which case the Company will retain the premium at customary short period rate for the time the policy has been in force. This insurance may also at any time be terminated at the option of the Company, on 15 days' notice to that effect being given to the Insured, in which case the Company shall be liable to repay on demand a rateable proportion of the premium for the unexpired term from the date of the cancellation. In either case premium will be refunded only if there is no claim under the policy.
8. If the Company shall disclaim liability to the Insured Owner for any claim hereunder and if such claim shall not within 12 calendar months from the date of such disclaimer have been made the subject matter of a suit in a competent court of law, then the claim for all practical purposes shall be deemed to have been abandoned and shall not thereafter be recoverable hereunder or be made the subject matter of any suit.
9. The Company shall not be liable to make any payment in respect of any claim if such claim shall be in any manner fraudulent or supported by any person on behalf of the Insured Owner and/or if the Insurance has been continued in consequence of any material misstatement or non disclosure of any material information by or on behalf of the Insured Owner. In such a case if the Company pays any amount to the claimant due to any Statutory provision, such amount shall be recoverable from the Insured Owner.
10. The Policy and the Schedule shall be read together as one contract and any word or expression to which a specific meaning has been assigned in the Act and the Rules framed thereunder or under this Policy shall bear such specific meaning.
11. Any dispute regarding interpretation of the terms, conditions and exceptions of this Policy shall be determined in accordance with the law and practice of a court of competent jurisdiction within India.

#### **Communicable Disease Exclusion Clause:**

1. Notwithstanding any provision, clause or term of this insurance contract to the contrary, this insurance Contract excludes any loss, cost, damage, liability, claim, fines, penalty or expense or any other amount of whatsoever nature, whether directly or indirectly and/or in whole or in part, related to, caused by, contributed to by, resulting from, as a result of, as a consequence of, attributable to, arising out of, arising under, in connection with, or in any way involving (this includes all other terms commonly used and/or understood to reflect or describe nexus and/or connection from one thing to another whether direct or indirect):
  - 1.1 a Communicable Disease and/or the fear or threat (whether actual or perceived) of a Communicable Disease and/or the actual or alleged transmission of a Communicable Disease regardless of any other cause or event contributing and/ or occurring concurrently or in any sequence thereto, and
  - 1.2 a pandemic or epidemic, as declared by the World Health Organisation or any governmental authority.
2. As used herein, Communicable Disease means: any infectious, contagious or communicable substance or agent and/or any infectious, contagious or communicable disease which can be caused and/or transmitted by means of substance or agent where:
  - 2.1 the disease includes, but is not limited an illness, sickness, condition or an interruption or disorder of body functions, systems or organs, and
  - 2.2 the substance or agent includes, but is not limited to, a virus, bacterium, parasite, other organism or other micro-organism (whether asymptomatic or not); including any variation or mutation thereof, whether deemed living or not, and
  - 2.3 the method of transmission, whether direct or indirect, includes but not limited to, airborne transmission, bodily fluid transmission, transmission through contact with human fluids, waste or the like, transmission from or to any surface or object, solid, liquid or gas or between organisms including between humans, animals, or from any animal to any human or from any human to any animal, and
  - 2.4 the disease, substance or agent is such:
    - 2.4.1 that causes or threatens damage or can cause or threaten damage to human health or human welfare, or
    - 2.4.2 that causes or threatens damage to or can cause or threaten damage to, deterioration to, contamination of, loss of value of, loss of marketability of or loss of use or usefulness of, tangible or intangible property. For avoidance of doubt, Communicable Disease includes but is not limited to Coronavirus Disease 2019 (Covid -19) and any variation or mutation thereof.
3. For further avoidance of doubt, any contingent or other business interruption loss, cost, damage, loss of income, loss of use, increased cost of working and/or extra expense arising out of or attributable to:
  - 3.1 any partial or complete closure of and/or slowdown in, including but not limited to any closure by or under the advisories of public, military, government or civil authorities, or any denial of access to insured premises, or customer and or supplier premises (including service / utility providers), or

3.2 change in consumer behaviour, or

3.3 an absence of infected employees or employees suspected of being infected shall not be covered by this insurance Contract. .

4. For still further avoidance of doubt, loss, cost, damage, liability, claim, fines, penalty or expense or any other amount excluded hereby, includes but is not limited to any cost to identify, clean-up, detoxify, disinfect, decontaminate, mitigate, remove, evacuate, repair, replace, monitor, sanitize or test: (1) for a Communicable Disease or (2) any tangible or intangible property covered by this [insurance Contract] that is affected by such Communicable Disease.

5. It is clarified that (1) no other prior, concurrent or subsequent provision, clause, term or exception of this insurance Contract (including (but not limited to) any prior, concurrent or subsequent endorsement and/or any provision, clause, term, buy back or exception that operates, or is intended to operate, to extend the coverage of, or protections provided by, this insurance Contract] by whatever name called like any coverage extension, additional coverage, global extension, exception to any exclusion); (2) any change in the law, clause or similar provision; (3) any follow the fortunes clause or similar provision; and/or (4) no change in the law or any regulation (to the extent permitted by applicable law), shall operate to provide any insurance, coverage or protection under this insurance Contract that would otherwise be excluded through the exclusion set forth in this [Endorsement][Clause].

6. If the insurer alleges that by reason of this [Endorsement][Clause] any amount is not covered by this insurance Contract the burden of proving the contrary shall rest in the insured.

**Pandemic /Epidemic Specific Exclusion Clause:**

Notwithstanding any provision, clause or term of this Contract, this insurance Contract excludes any first party and/or third party actual or alleged loss, injury, sickness, disease, death, medical payment, defence cost, cost, damage, liability, claim, fines, penalty, compensation, expenses or any amount of whatsoever nature, whether directly or indirectly and/or in whole or in part, arising out of (this includes all other terms commonly used and/or understood to reflect or describe, direct or indirect nexus and/or connection between one thing and another), intentional or unintentional violation of

a. The provisions of Disaster Management Act, 2005 as amended from time to time

b. The provisions of The Epidemic Diseases Act 1897 as amended from time to time

c. The provisions of any act dealing with public health and/or public safety

d. The rules, regulations, orders, guidelines, policies, notification etc issued from time to time under any of the above acts.

**'Policy form - Claims made with right to defend.'**

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**(ARCHIVED POLICY)**

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Period2024-04-01 00:00:00 - 2024-09-30 15:06:00

Station TypeCEMS

StationsSPD Stack Gas

ParametersNOX,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	2024-04-01 00:00:00:000	1.88	8.27	0.0
2	2024-04-02 00:00:00:000	1.73	9.09	0.0
3	2024-04-03 00:00:00:000	0.77	3.8	0.0
4	2024-04-04 00:00:00:000	0.0	2.54	0.0
5	2024-04-05 00:00:00:000	0.0	1.62	0.0
6	2024-04-06 00:00:00:000	0.0	2.28	0.0
7	2024-04-07 00:00:00:000	0.0	4.61	0.0
8	2024-04-08 00:00:00:000	0.04	3.61	0.0
9	2024-04-09 00:00:00:000	0.08	0.0	0.0
10	2024-04-10 00:00:00:000	0.66	0.0	0.0
11	2024-04-11 00:00:00:000	0.51	0.1	0.0
12	2024-04-12 00:00:00:000	0.83	3.83	0.0
13	2024-04-13 00:00:00:000	0.13	7.17	0.0
14	2024-04-14 00:00:00:000	0.0	10.12	4.4
15	2024-04-15 00:00:00:000	1.26	15.08	0.0
16	2024-04-16 00:00:00:000	1.88	5.8	0.0
17	2024-04-17 00:00:00:000	1.99	8.33	0.0
18	2024-04-18 00:00:00:000	1.88	9.73	0.0
19	2024-04-19 00:00:00:000	1.88	7.18	0.0
20	2024-04-20 00:00:00:000	1.88	4.37	0.0
21	2024-04-21 00:00:00:000	1.88	10.45	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	2024-04-22 00:00:00:000	1.88	7.03	0.0
23	2024-04-23 00:00:00:000	1.49	13.14	0.0
24	2024-04-24 00:00:00:000	0.85	0.18	0.0
25	2024-04-25 00:00:00:000	0.0	11.07	0.0
26	2024-04-26 00:00:00:000	0.0	45.7	0.0
27	2024-04-27 00:00:00:000	0.0	30.21	0.0
28	2024-04-28 00:00:00:000	0.0	6.28	0.0
29	2024-04-29 00:00:00:000	0.0	13.21	0.0
30	2024-04-30 00:00:00:000	0.0	5.65	0.0
31	2024-05-01 00:00:00:000	0.0	4.19	0.0
32	2024-05-02 00:00:00:000	0.0	2.01	0.0
33	2024-05-03 00:00:00:000	0.0	4.38	0.0
34	2024-05-04 00:00:00:000	0.0	25.59	0.0
35	2024-05-05 00:00:00:000	0.0	18.85	0.0
36	2024-05-06 00:00:00:000	0.0	13.69	0.0
37	2024-05-07 00:00:00:000	0.0	18.3	0.0
38	2024-05-08 00:00:00:000	0.0	8.11	0.0
39	2024-05-09 00:00:00:000	0.0	11.01	0.0
40	2024-05-10 00:00:00:000	0.0	4.05	0.0
41	2024-05-11 00:00:00:000	0.0	11.23	0.0
42	2024-05-12 00:00:00:000	0.0	11.67	0.0
43	2024-05-13 00:00:00:000	0.0	8.18	0.0
44	2024-05-14 00:00:00:000	0.0	5.81	0.0
45	2024-05-15 00:00:00:000	0.0	15.93	0.0
46	2024-05-16 00:00:00:000	0.0	26.3	0.0
47	2024-05-17 00:00:00:000	0.0	22.44	0.0
48	2024-05-18 00:00:00:000	0.0	29.54	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	2024-05-19 00:00:00:000	0.0	4.84	0.0
50	2024-05-20 00:00:00:000	0.0	5.83	0.0
51	2024-05-21 00:00:00:000	0.0	2.23	0.0
52	2024-05-22 00:00:00:000	0.0	5.03	0.0
53	2024-05-23 00:00:00:000	0.0	7.48	0.0
54	2024-05-24 00:00:00:000	0.0	5.28	0.0
55	2024-05-25 00:00:00:000	0.0	3.28	0.0
56	2024-05-26 00:00:00:000	0.0	2.08	0.0
57	2024-05-27 00:00:00:000	0.0	2.01	0.0
58	2024-05-28 00:00:00:000	0.0	16.23	0.0
59	2024-05-29 00:00:00:000	0.0	2.1	0.0
60	2024-05-30 00:00:00:000	0.0	37.85	7.68
61	2024-05-31 00:00:00:000	0.0	31.31	0.0
62	2024-06-01 00:00:00:000	0.0	15.27	0.0
63	2024-06-02 00:00:00:000	0.0	6.8	0.0
64	2024-06-03 00:00:00:000	0.64	32.49	0.0
65	2024-06-04 00:00:00:000	0.24	14.5	0.0
66	2024-06-05 00:00:00:000	0.0	2.07	0.0
67	2024-06-06 00:00:00:000	0.0	15.63	0.0
68	2024-06-07 00:00:00:000	0.04	2.0	0.0
69	2024-06-08 00:00:00:000	0.0	10.97	0.0
70	2024-06-09 00:00:00:000	0.0	17.38	0.0
71	2024-06-10 00:00:00:000	0.23	12.54	0.0
72	2024-06-11 00:00:00:000	0.0	10.5	0.0
73	2024-06-12 00:00:00:000	0.32	10.85	0.0
74	2024-06-13 00:00:00:000	1.99	2.22	0.0
75	2024-06-14 00:00:00:000	1.66	3.68	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	2024-06-15 00:00:00:000	2.73	2.66	0.0
77	2024-06-16 00:00:00:000	0.96	30.11	0.0
78	2024-06-17 00:00:00:000	0.0	8.05	0.0
79	2024-06-18 00:00:00:000	0.0	9.05	0.0
80	2024-06-19 00:00:00:000	1.35	10.12	0.0
81	2024-06-20 00:00:00:000	1.88	1.9	0.0
82	2024-06-21 00:00:00:000	3.42	10.48	0.0
83	2024-06-22 00:00:00:000	3.84	4.7	0.0
84	2024-06-23 00:00:00:000	3.91	7.13	0.0
85	2024-06-24 00:00:00:000	4.18	16.22	0.0
86	2024-06-25 00:00:00:000	3.76	18.6	0.0
87	2024-06-26 00:00:00:000	2.43	27.62	0.0
88	2024-06-27 00:00:00:000	0.09	43.72	0.0
89	2024-06-28 00:00:00:000	0.0	12.97	0.0
90	2024-06-29 00:00:00:000	0.23	2.31	15.46
91	2024-06-30 00:00:00:000	0.0	6.01	25.6
92	2024-07-01 00:00:00:000	0.0	6.61	14.49
93	2024-07-02 00:00:00:000	0.23	7.55	10.17
94	2024-07-03 00:00:00:000	0.0	3.02	0.0
95	2024-07-04 00:00:00:000	0.0	2.3	0.0
96	2024-07-05 00:00:00:000	0.0	2.39	0.0
97	2024-07-06 00:00:00:000	0.0	16.14	0.0
98	2024-07-07 00:00:00:000	0.0	4.41	0.0
99	2024-07-08 00:00:00:000	0.0	8.22	0.0
100	2024-07-09 00:00:00:000	0.0	0.0	0.03
101	2024-07-10 00:00:00:000	0.0	0.0	0.0
102	2024-07-11 00:00:00:000	0.0	8.14	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	2024-07-12 00:00:00:000	0.0	2.09	0.0
104	2024-07-13 00:00:00:000	0.0	2.04	0.0
105	2024-07-14 00:00:00:000	0.0	2.02	0.0
106	2024-07-15 00:00:00:000	0.0	2.03	0.0
107	2024-07-16 00:00:00:000	0.0	6.77	0.0
108	2024-07-17 00:00:00:000	0.0	28.34	0.0
109	2024-07-18 00:00:00:000	0.0	9.88	0.0
110	2024-07-19 00:00:00:000	0.0	6.33	0.0
111	2024-07-20 00:00:00:000	0.0	1.96	0.0
112	2024-07-21 00:00:00:000	0.0	2.98	0.0
113	2024-07-22 00:00:00:000	0.0	3.64	0.03
114	2024-07-23 00:00:00:000	0.0	10.63	0.0
115	2024-07-24 00:00:00:000	0.0	9.98	0.0
116	2024-07-25 00:00:00:000	0.0	6.24	0.0
117	2024-07-26 00:00:00:000	0.0	3.31	0.0
118	2024-07-27 00:00:00:000	0.0	9.21	0.0
119	2024-07-28 00:00:00:000	0.0	3.28	0.0
120	2024-07-29 00:00:00:000	0.0	2.28	0.0
121	2024-07-30 00:00:00:000	0.0	7.39	0.0
122	2024-07-31 00:00:00:000	0.0	1.97	0.0
123	2024-08-01 00:00:00:000	0.0	13.34	0.0
124	2024-08-02 00:00:00:000	0.0	30.51	0.0
125	2024-08-03 00:00:00:000	0.0	2.01	0.0
126	2024-08-04 00:00:00:000	0.0	4.5	0.0
127	2024-08-05 00:00:00:000	0.0	1.93	0.03
128	2024-08-06 00:00:00:000	0.0	9.8	0.0
129	2024-08-07 00:00:00:000	0.0	2.0	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)
130	2024-08-08 00:00:00:000	0.0	5.75	0.0
131	2024-08-09 00:00:00:000	0.0	2.0	0.0
132	2024-08-10 00:00:00:000	0.0	2.36	0.0
133	2024-08-11 00:00:00:000	0.0	4.89	0.0
134	2024-08-12 00:00:00:000	0.0	1.12	0.0
135	2024-08-13 00:00:00:000	0.0	0.3	0.0
136	2024-08-14 00:00:00:000	0.0	0.0	0.0
137	2024-08-15 00:00:00:000	0.0	0.0	0.0
138	2024-08-16 00:00:00:000	0.0	0.0	0.0
139	2024-08-17 00:00:00:000	0.94	1.42	0.0
140	2024-08-18 00:00:00:000	0.38	2.0	0.0
141	2024-08-19 00:00:00:000	1.49	12.91	0.0
142	2024-08-20 00:00:00:000	1.32	5.55	0.0
143	2024-08-21 00:00:00:000	0.56	4.79	0.0
144	2024-08-22 00:00:00:000	1.67	6.21	0.0
145	2024-08-23 00:00:00:000	1.88	8.21	0.0
146	2024-08-24 00:00:00:000	1.71	14.01	0.0
147	2024-08-25 00:00:00:000	1.88	2.32	0.0
148	2024-08-26 00:00:00:000	1.45	13.51	0.0
149	2024-08-27 00:00:00:000	1.07	1.88	0.0
150	2024-08-28 00:00:00:000	0.3	2.31	0.0
151	2024-08-29 00:00:00:000	0.0	2.0	0.0
152	2024-08-30 00:00:00:000	0.0	N/A	0.0
153	2024-08-31 00:00:00:000	0.0	2.0	0.0
154	2024-09-01 00:00:00:000	0.0	N/A	0.0
155	2024-09-02 00:00:00:000	0.0	1.65	0.0
156	2024-09-03 00:00:00:000	0.0	N/A	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	2024-09-04 00:00:00:000	0.0	2.0	0.0
158	2024-09-05 00:00:00:000	0.0	N/A	0.0
159	2024-09-06 00:00:00:000	0.0	N/A	0.03
160	2024-09-07 00:00:00:000	0.0	N/A	0.0
161	2024-09-08 00:00:00:000	0.0	N/A	0.0
162	2024-09-09 00:00:00:000	0.0	N/A	0.0
163	2024-09-10 00:00:00:000	0.0	N/A	0.0
164	2024-09-11 00:00:00:000	0.0	N/A	0.0
165	2024-09-12 00:00:00:000	0.0	0.0	0.0
166	2024-09-13 00:00:00:000	0.0	0.0	0.0
167	2024-09-14 00:00:00:000	0.0	0.0	0.0
168	2024-09-15 00:00:00:000	0.0	0.0	0.0
169	2024-09-16 00:00:00:000	0.0	0.0	0.0
170	2024-09-17 00:00:00:000	0.0	0.0	0.0
171	2024-09-18 00:00:00:000	0.08	N/A	0.0
172	2024-09-19 00:00:00:000	0.3	0.0	0.0
173	2024-09-20 00:00:00:000	0.43	0.0	0.0
174	2024-09-21 00:00:00:000	0.73	0.06	0.0
175	2024-09-22 00:00:00:000	1.09	0.0	0.0
176	2024-09-23 00:00:00:000	1.39	113.71	0.0
177	2024-09-24 00:00:00:000	0.0	1.91	0.0
178	2024-09-25 00:00:00:000	0.06	31.33	N/A
179	2024-09-26 00:00:00:000	0.06	39.75	N/A
180	2024-09-27 00:00:00:000	0.0	34.72	N/A
181	2024-09-28 00:00:00:000	0.0	29.3	N/A
182	2024-09-29 00:00:00:000	0.0	28.06	N/A
183	2024-09-30 00:00:00:000	0.0	N/A	N/A





## LABORATORY TESTING REPORT

Annexure-33

Report No.: VE/VOC/2024/08/0001		Date: 16/08/204	
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	:	13/08/2024	Sampling Type : -
Sample Receipt Date	:	13/08/2024	Sample ID : VOC/2024/08/0001
Sampling Location	:	MEE SPD Area	Sample Description : Fugitive Emission
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring : -
Quantity / No. of Sample	:	1-1 Filter Pepar & Scrub Abs Media/Each	Analysis Started On : 13/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On : 14/08/2024
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	Result	Unit	Protocol used for Analysis
1.	Total Dust	2.3	mg/m3	IS Method
2.	Sulphur Dioxide as SO <sub>2</sub>	3.7	ppm	IS 5182 (Part 2): 2001
3.	Oxides of Nitrogen as NO <sub>x</sub>	6.1	ppm	IS 5182 (Part 6) : 2006
4.	Hydrochloric Acid as HCL	BDL	ppm	USEPA Method
5.	Hydrogen Fluoride HF	ND	ppm	USEPA Method

### -----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



# Annexure-34



## Dahej Unit



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