BEIL INFRASTRUCTURE LIMITED
(Formerly Known As Bharuch Enviro Infrastructure Limited)

Ref.: BEIL/ANK/2024-25/44

Date: 21.11.2024
XGN ID: 14983

To,
Integrated Regional Office
Ministry of Environment, Forest and Climate Change,
A wing- 407 & 409, Aranya Bhawan,
Near CH-3 Circle, Sector-10A,
Gandhi Nagar-382010

Subject: Half yearly EC Compliance Status of Environmental clearance for facilities at Ankleshwar by M/s BEIL Infrastructure Limited for the period April'24 to September'24.

Ref.: (1) Environmental Clearance No. 10-48/2007-IA-III dated 4th March,2008
(2) Environmental Clearance No. F. 10-10/2014-IA.III dated 31st December 2015.
(3) Environmental Clearance No. F. 10-10/2014-IA.III dated 1stAugust, 2017.
(4) Environmental Clearance No. F. 10-10/2014-1A-III dated 16th April,2018
(5) Environmental Clearance No. F. 10-25/2019-IA-III dated 15th October,2020

Dear Sir,

BEIL is operating a TSDF Facility consisting of a Secured Landfill Facility, Common Incineration Systems, Pre-processing Facility and Multi Effect Evaporation followed by spray dryer system at Plot No. 9701-16, GIDC-Estate, Ankleshwar Dist. Bharuch. BEIL is an ISO 14001:2015 and ISO 45001:2018 certified unit.

We are submitting herewith the half yearly EC Compliance status report for the period of April'24 to September'24 of Environmental clearance for facilities at Ankleshwar issued by MoEF&CC letter No. 10-48/2007 IA-III dated 04th March 2008, EC # F.10-10/2014-IA.III dated 31.12.2015, Environmental Clearance No. F. 10-10/2014-IA.III dated 1stAugust, 2017, Environmental Clearance No. F. 10-10/2014-1A-III dated 16th April 2018 and Environmental Clearance No. F. 10-25/2019-IA-III dated 15th October,2020.

Landfillable Hazardous waste details are as below:

Landfillable Waste received (During 01.04.2024 to 30.09.2024)	1,18,670.124 MT
Cumulative quantity disposed of landfill from the beginning (up to 30.09.24)	43,21,868.186 MT

Incinerable waste details are as follows:

Incinerable Waste Receipt	
Incinerable Waste Received (During 01.04.2024 to 30.09.2024)	31,498.220 MT
Cumulative Up to 30.09.2024	5,50,714.336 MT
Incinerated Waste Details	
Incinerated Waste Qty. (During 01.04.2024 to 30.09.2024)	7011.890 MT
Cumulative Up to 30.09.2024	3,31,105.216 MT

Pre-processing details are as follows:

Pre-processed (During 01.04.2024 to 30.09.2024)	21,596.174 MT
Cumulative quantity of waste sends for Pre-processing from beginning to 30.09.2024	2,09,889.466 MT

We are sending blended liquid & solid waste for Co-processing in Cement kiln as following:

Sr. No.	Name of Cement Industries
1	M/s Ambuja Cement Ltd. Kodinar, Junagadh
2	M/s Birla Corporation Ltd Chandaria, Tal: Chittorgarh, Rajasthan
3	M/s Shree Cement Ltd, Ras, Dist.: Pali, Rajasthan
4	M/s JK Cement Works, Mangrol, Nimbahera, Dist.: Chittorgarh, Rajasthan
5	M/s JK Cement Works, Kailash Nagar, Nimbahera, Dist.: Chittorgarh, Rajasthan.
6	M/s Ambuja Cement, Bhatapara, Chhattisgarh
7	ACC Limited, Jamul, Chhattisgarh
8	Nuvoco Vistas Corp. Ltd, Sondhi, Chhattisgarh
9	M/s Wonder Cement Ltd., Chittorgarh (Rajasthan)
10	M/s J.K Cement Works, Madhapur (Karnataka) (
11	M/s Dalmia cement Bharat Limited, Sundargarh (Odisha) (Rajasthan)
12	M/s Dalmia cement Bharat Limited, Chikkodi (Karnataka)
13	M/s Dalmia cement Bharat Limited, Chandrapur (Maharashtra)
14	M/s Prism Johnson Limited, Rampur Baghelan, Unit – 1 and Unit – 2. (M.P)
15	M/s Shree Cement Limited, Beawar (Rajasthan)
16	M/s. Sangh Industries Ltd

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

In case you need any additional information, we will provide the same on hearing from you.

Thanking you,
Yours faithfully,

For **BEIL Infrastructure Limited**

B. D. Dalwadi
(Chief Executive Officer)

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

Compliance Status of Environmental clearance for expansion and common incineration facilities at Ankleshwar by M/s. BEIL Infrastructure Limited

Environmental Clearance No. 10-48/2007-IA-III dated 4th March 2008

Reference is invited to letters No. camp/f/28/07, No. camp/f/44/07, dated 7.6.2007 and dated 18.9.2007 by M/s BEIL Infrastructure Limited on the above-mentioned subject. No Objection Certificate from the Gujarat State Pollution Control Board has been obtained vide Consent to Establish No. GPCB/CE/BRCH/NOC- 3354CCA-167(5)/14483, dated 22.5.2007.

<table>
<tr><th>Sr. No.</th><th>Observation/Conditions as per Environmental Clearance No. 10-48/2007-IA-III dated 4th March, 2008</th><th>Status of compliance of EC Conditions</th></tr>
<tr><td>2.</td><td>The project involves development & operation of a secured landfill for treatment, storage, and disposal of hazardous waste at GIDC, Ankleshwar, Gujarat. BEIL designed the existing TSDF with Germen Technical Assistance through NPC. New Delhi as phase -1 with a capacity of 5,00,000 MT and Incineration capacity at 6.5 million K. Cal/hour. At present there are 450 member units who use secured landfill facility, during the last seven years of the operation of the facility, BEIL reported to have collected and disposed of more than 4,16,000 MT of hazardous waste and the existing facility is reported to be sufficient only till the end of 2006. Hence, BEIL proposes to expand the existing. Facility as per the CPCB guidelines. The cost of the proposed expansion is estimated to be about Rs.45.45 Crores. The details of the existing and proposed expansion
are given as follows:
<table>
<tr><th>Sr. No.</th><th>Activity</th><th>Existing</th><th>Proposed</th></tr>
<tr><td>1.</td><td>Secured Landfill (SLF)</td><td>Capacity: 5,00,000 MT</td><td>Additional Capacity: 14,00,000 MT</td></tr>
<tr><td>2.</td><td>Incinerator</td><td>Capacity: million K. Cal/hour (24 – 60 MT per day)</td><td>Additional Incinerator capacity: 25 million K. Cal/hour with heat recovery system (i.e.,6-10 MT/hr.)</td></tr>
<tr><td>3.</td><td>Solvent Recovery</td><td>-</td><td>50 MT/day</td></tr>
</table></td><td>Noted.
<table>
<tr><th>Sr. No.</th><th>Compliance</th></tr>
<tr><td>1.</td><td>Complied.
• As per our CCA No- AWH 126148, Phase 1 & 2: 23,00,000 MT, Phase-1 is re-opened due to leveling of Phase 4 now phase-1 is a part of phase-IV. Phase-3: 14,58,000 MT and Phase-4 Cell A: 3,60,000 MT and Cell B: 6,27,000 MT.
• Till September’24 43,21,868.186 MT waste is disposed off, and 49,050.884 MT waste is stored in the temporary shed during monsoon.</td></tr>
<tr><td>2.</td><td>Complied.
• As per our CCA No- AWH 126148, we are operating Incinerator-1 & Incinerator-2, both the incinerators at 6.5 million K. Cal/hour capacity. each, i.e. (6.5 million K. Cal/hour X)
• Till September’24 3,31,105.216 MT waste is Incinerated.</td></tr>
<tr><td>3.</td><td>The project is on hold and not yet Implemented.</td></tr>
</table></td></tr>
</table>

		System			
	4.	Drum decontamination and disposal system	-	500 No. of Drums/day	4. **Complied.** • We installed a drums decontamination system in the year 2008 and for that, we have obtained CCA with drums decontamination capacity - 1,08,000 no's /Year.
	5.	Evaporation Plant	-	15 MT/hour	5. **Complied.** • An evaporation plant with a capacity of 15 MT/Hr. is installed and commissioned on 19th March 2012 and is being operated. For that we have valid Consent to operate i.e., CC &A no. AWH-126148.
	6.	Fly Ash Brick Manufacturing plant	-	10,000 Nos/day	6. The project is on hold and yet to be implemented.
	7.	Bio-gas plant from Kitchen waste	-	5 MT/day	7. We are not operating the old biogas plant from 11th June 2019. We have installed a new Kitchen waste processing unit and is being operated.
3	All the proposed facility, except landfill expansion, stated to be accommodated in the existing area itself. Waste generated from the treatment facility will be disposed of in secured landfill which includes ash from incinerated around 12,600 MT/Year: Discarded packing materials around 5,40,000 no's/years, the salt from Multiple Effect Evaporation system around 9,000 MT / Year. With regard to the capacity of the facility it was indicated that second phase of the secured landfill facility will be 17.00 Lacs MT and the additional common incineration system will be 25.00 million kcal per hours. Public hearing was conducted on 30.08.2005 based on Environmental Impact Assessment. Minutes of public hearing were submitted. The proponents made a detailed presentation on each of the issues raised by the public and the action taken report.				**Complied.** All the Proposed facilities, except landfill expansion, are accommodated in the existing area itself. Waste generated from the treatment facility is disposed off in a secured landfill which includes incineration ash- **5416.710 MT** from April'24 to September'24 and Salt generation from Multiple Effect Evaporator (MEE) system- **7404.590 MT** from April'24 to September'24.

4	The proposal falls under the category 'A', 7(d) of Environmental Impact Assessment Notification 2006 and was considered by Expert committee at its meeting held on 21st& 22nd June 2007 and 23rd, 24th& 25th January 2008 and has recommended. Accordingly, the clearance is here by accorded. under Environment Impact.	**Noted.**

SPECIFIC CONDITION:

Sr. No.	Description	Status
(i)	The project proponent shall ensure that the TSDF fulfills all the provision of hazardous waste (management and handling) rules 2003 and the design of landfill is as per the guidelines of the Central Pollution Control Board with proper leachate collection arrangement.	**Complied.** We have fulfilled all provisions of the Hazardous Waste Management and Handling Rules 2003 and its amendments from time to time, and compliance is attached as **Annexure 1**. Additionally, we have appropriate methods for collecting and treatment of the generated leachate from landfills.
(ii)	The project proponent shall ensure that the transportation of the hazardous wastes to the TSDF conforms to the norms laid down in the hazardous waste (Management and Handling) rules 2003	**Complied.** Transportation of hazardous waste confirms the provisions of Hazardous Waste (management and handling) rules 2003 and its amendments from time to time. Now, we have fulfilled all the provisions of hazardous waste and other waste (management and Transboundary movement) rules 2016, compliance is attached as **Annexure-1**.
(iii)	The TSDF shall only handle the waste generated from the member units.	**Complied.** • We accept waste only of member units, who have valid CC&A obtained from GPCB. • At present we have **888 members** for landfill and **1160 members** for incinerator. In support of this we are submitting returns to GPCB.
(iv)	Forced evaporation shall be provided to treat the effluent/leachate generated from the landfill.	**Complied**. • We have installed a Multiple Effect Evaporator to treat the effluent/leachate generated from the landfill. Effluent / Leachate generated from the landfill is evaporated and generated condensate is treated in ETP to achieve ZLD and the generated salt is disposed off to the landfill at BEIL. In case of shutdown/maintenance of MEE of M/s. BEIL., Ankleshwar, Leachate/ Effluent shall be sent to MEE of BEIL, Dahej, and/or sent to M/s ETL for treatment and disposal. • During the Period of **April'24 to September'24**, the Leachate generation was **11,022 KL** and treated in

		Multiple Effect Evaporator.
(v)	All the conditions stipulated in the letter of Gujarat PCB vide their letter dated 22.05.2007 should be strictly implemented along with hazardous (Management and Handling) Rules,2003	**Complied.** • All the 37 conditions stipulated in the letter of Gujarat PCB vide their letter dated 22.05.2007 have been implemented along with Hazardous (Management and Handling) Rules 2003 and Hazardous & Other Wastes (Management & Trans- Boundary Movement) Rules 2016 and complied. Compliance of the same is attached as **Annexure-1.** • The relevant compliance of hazardous waste and other waste (management and Transboundary movement) rules, 2016 are attached as **Annexure-2.**
(vi)	No ground water shall be tapped for project.	**Complied.** • Water is being provided by GIDC for processing purposes but when there is a shortage of water, we use borewell water to meet requirements per EC F. 10-10/2014-IA-III dated. 31.12.15 specific condition point (X) we have received NOC. No. CGWA/NOC/IND/ORIG/2021/10974 dated 10.02.21. from CGWA to utilize groundwater which is valid up to 09.02.2024. We have applied for the renewal of NOC.
(vii)	The project proponent shall monitor the ambient air quality, groundwater and noise abutting the site as per norms laid down by CPCB	**Complied.** • We have 4 Monitoring stations for ambient air monitoring. • We carry out ambient air monitoring internally 2 times a week, groundwater monitoring monthly & noise level monitoring weekly. • Moreover, ambient air monitoring, groundwater monitoring & noise level monitoring are carried out monthly through a third party as per norms laid down by CPCB. • reports are attached as **Annexure 4** respectively for the period April'24 to September'24. • The average results are attached as **Annexure 5**.
(viii)	Incineration of hazardous wastes shall be carried as per the guidelines of CPCB. The emissions from the incinerator shall be passed through APCS and disposal through 30-meter stack.	**Complied.** • Incineration of hazardous wastes is carried out as per the guidelines of CPCB wherein the operating temperatures of RK and SC are maintained. • Online stack monitoring system (CEMS) has been installed, the results of which are transmitted to GPCB/CPCB. • The emission from the incinerator is passed through two stages Scrubbing system (dry scrubber and wet scrubber) for Air pollution control. • The stack height of each Incinerator plant is 45 meters as mentioned in CC&A.
	Project proponent shall ensure that	**Complied.**

<table>
<tr><td>(ix)</td><td>wastes with organic content >5% of degradable organic matters are not disposed into the landfill. However, required arrangement for collection treatment and disposal of gases from the landfill of any, should be provided.</td><td>• We carry out finger-print analysis of every truck load of waste received at site. We make sure that waste that contains more than 5% degradable organic matter is not dumped in a landfill. Once the quick test is passed, the truck is allowed to enter the premises. If a vehicle fails to meet the hazardous solid waste disposal criteria requirements, we will get in touch with the member industry and suggest the treatment of the waste. BEIL accepts the consignment at a cost for treatment if the industry agrees; otherwise, it will be returned to the industry for the necessary treatment. Comprehensive analysis is being carried out at the time of enrolling members. The sample report of comprehensive analysis and fingerprint analysis is attached as Annexure 6.
• We have provided adequate nos. of vent to closed portion and regular monitoring are done every month, and the concentrations of hydrocarbons are very low.</td></tr>
<tr><td>(x)</td><td>Project proponent Shall have Environmental management plan and onsite emergency management plan.</td><td>Complied.
• Summary of EMP Compliance is as below, and Detailed EMP Compliance is attached as Annexure-7.</td></tr>
<tr><td></td><td colspan="2">
<table>
<tr><th>Sr. No.</th><th>Condition</th><th>Compliance Status</th></tr>
<tr><td>1.</td><td>Temporary storage for hazardous waste</td><td>Complied.
Temporary storage of hazardous waste during the monsoon period has been provided with adequate storage shed.</td></tr>
<tr><td>2.</td><td>Loading and unloading of waste</td><td>Complied.
Adequate facility and equipment for unloading of waste has been provided.</td></tr>
<tr><td>3.</td><td>Transportation of waste</td><td>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. Total Approved 421 dedicated vehicles equipped with VLTS-GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF Site.</td></tr>
<tr><td>4.</td><td>Monitoring activity</td><td>Complied.
We are carrying out internally as well as externally monitoring of soil, ambient air, ground water, storm water, noise monitoring on regular basis.</td></tr>
<tr><td>5.</td><td>Leachate management system</td><td>Complied.
Adequate nos. of leachate (6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collection well for Phase III) collection wells have been provided. For Phase-IV 3 nos. of leachate well is designed.</td></tr>
<tr><td colspan="3">• BEIL has prepared on site Emergency plan, and it is updated annually. Onsite emergency plan is including points like hazard identification and risk analysis, organization setup, communication system, action on site, link with offsite emergency plan, training rehearsals and record aspects, offsite effects of any emergency, the duties and functions to control any emergency etc. Mock drills are also being conducted. On-site Emergency Plan is submitted to DISH, and the inward letter copy is attached as Annexure 8.
• BEIL has Implemented Prestigious Environmental Management system standard ISO 14001:2015 & ISO 45001: 2018 Safety system. Certificates are attached as Annexure 9.</td></tr>
</table>
</td></tr>
<tr><td>(xi)</td><td>Project proponent shall carry out periodical groundwater / soil</td><td>Complied.
• We carry out groundwater and soil monitoring once a Month externally in and around the site to check the contamination, the results of which are attached as</td></tr>
</table>

	monitoring in and around the site to check the contamination including TCLP test for heavy metals.	**Annexure 4** And the average results are attached as **Annexure 5.** • Moreover, we have carried out Hydrogeological study. for the TSDF facility through NEERI. And the report was submitted to MoEF&CC and GPCB.
(xii)	Adequate dust and noise separation measures should be put in place during construction of the plant.	**Complied.** Adequate dust suppression systems water sprinkling, adequate enclosure, etc. were applied and noise separation measures like acoustic enclosures, wherever possible, were put in place during construction of the plant.
(xiii)	Green belt development to a tune of 41,000 m^2 with thick canopy trees around the project site should be taken up to mitigate the impacts on the overall air quality at the site.	**Complied.** • Green belt is developed in total 41076.95 sq. mt to mitigate the impacts on the overall air quality at the site. The layout of the green belt within the premises is attached as **Annexure – 10**. • Additionally, we have taken a land in the nearby village namely Sengpur. wherein we shall carry out greenbelt activities to comply with the statutory requirement. The approval letter received for forestation from village Sengpur is attached as **Annexure-10 (A).**
(xiv)	The groundwater, surface water and air quality should be monitored regularly to assess the leachate contamination.	**Complied.** • For ambient air monitoring we are having 4 Monitoring stations. • We are carrying out internally 2 times a week ambient air monitoring, monthly ground water monitoring & quarterly surface water monitoring. • Moreover, ambient air monitoring & ground water monitoring are carried out monthly, and quarterly surface water monitoring through third party as per norms laid down by CPCB and results are attached for period April'24 to September'24 as **Annexure 4.**
(xv)	A leachate collection system should be provided to collect the leachate at a collection point. Treatment facility for the collected leachate should be provided. The treated water shall be reused as far as possible in the project.	**Complied.** • A well-designed leachate collection system is developed in SLF. We have four numbers of phase in SLF. In phase-1 we have 6 number of leachate wells, In Phase-II we have 7 number of leachate collection wells, in phase-III we have 3 number of leachate collection wells and in Phase-IV we have 3 numbers of leachate collection wells. • Leachate is collected from the landfill and treated at the MEE in the premises . Condensate is treated in ETP and utilized for various requirements and to achieve ZLD. If MEE plant is under maintenance, then wastewater is sent to ETL as per our CCA or BEIL Dahej for treatment. • In the period April'24 to September'24 -**11,022 KL** Leachate is generated and treated in MEE plant.
		Complied.

<table>
<tr><td>(xvi)</td><td>The landfill site should be as per the norms laid down by CPCB.</td><td>

We have fulfilled all the guidelines of the central pollution control board i.e., complying all location, planning – design, phase operation, liner system, closure and post closure maintenance plan, site infrastructure, environment monitoring system, financial assurance, etc. criteria along with leachate collection arrangement.
IIT Delhi is guiding for construction and operation of the Landfill.
Compliance of the central pollution control board guidelines is attached as Annexure 2.

</td></tr>
<tr><td>(xviii)</td><td>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 to this ministry’s regional office at Bhopal.</td><td>
Complied.

A separate account (ESCROW) is maintained for environment protection and the cumulative amount till September-2024 is 2244.84 Lakh. These funds are not diverted for any other activity.
Year wise expenditure on environmental protection is as below.

<table>
<tr><th>Year</th><th>Capital Expense (Lacs)</th><th>Revenue Expense (Lacs)</th></tr>
<tr><td>2018 - 2019</td><td>185</td><td>43.44</td></tr>
<tr><td>2019 - 2020</td><td>626.50</td><td>413.80</td></tr>
<tr><td>2020 - 2021</td><td>644.07</td><td>429.82</td></tr>
<tr><td>2021 - 2022</td><td>691.25</td><td>184.87</td></tr>
<tr><td>2022 - 2023</td><td>1994.96</td><td>330.92</td></tr>
<tr><td>2023 - 2024</td><td>5646.79</td><td>303.33</td></tr>
</table>
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General Condition:

No.	Description	Status
(i)	Construction of the proposed structures should be undertaken meticulously confirming to the existing central/local rules and regulations. All the construction designs/drawings relation to the proposed construction activities must have approvals of the concerned state government department /agencies.	**Complied.** • Our all designs and drawings are approved by concerned state government department. • Approval letter from GIDC and DISH are attached as **Annexure 11.**
(ii)	To meet any emergency situation, appropriate fire-fighting system should be available. Appropriate arrangements for uninterrupted power and water supply to meet the requirements. of the environment protection equipment and continuous water supply for the firefighting system should be made.	**Complied.** • The fire Hydrant system is designed as per the TAC guideline. All storage sheds are covered by a water sprinkler system as well as heat and smoke detector system. TSDF has three pumps (Jokey, Electrical and Diesel) each of capacity are 10 m^3/Hr., 273 m^3/Hr. and 273 m^3/Hr. respectively and has 1000 KL storage for water. • We also have membership of Disaster Prevention and Maintenance Center, Ankleshwar which is equipped with all facilities to meet any emergency.
(iii)	Full support should be extended to the officers of this ministry's regional office at Bhopal and the officers of the central and furnishing full details and action plans including the action taken reports in respect of mitigative measures and other environmental protection activities.	**Noted and complied.**
(iv)	In case of deviation or alteration in the project including the implementing agency, a fresh reference should be made to this ministry for modification in the clearance conditions or imposition of new one for ensuring environmental protection. The project proponents should be responsible for implementing the suggested safeguard measures.	**Complied.** • There has been no deviation or alteration in the project including the implementation agency. • For modification and expansion, we have obtained EC vide letter no. 1. F.No. 10-10/2014- IA.III dated 31.12.2015. 2. F.No. 10-10/2014- IA.III dated 01.08.2017. 3. F.No. 10-10/2014- IA.III dated 16.04.2018. 4. F.No. 10-25/2019-IA-III dated 15.10.2020.

(v)	This ministry reserves the right to revoke this clearance. If any of the conditions are not complied with to the satisfaction of this ministry.	**Noted.**
(vi)	This ministry or any other competent authority may stipulate any other additional conditions subsequently. If deemed necessary, for environmental protection, which shall be compelled with.	**Noted.**
(vii)	A copy of the clearance letter shall be marked to the concerned panchayat/local NGO, if any, from whom any suggestion/representation has been received while processing the proposal.	**Complied.** We had marked the copy of the clearance letter to all the concerned dated 24.03.2008 and recorded. Same is attached as **Annexure 12**.
(viii)	Gujarat Pollution Control Board should display a copy of the clearance letter at the district industries center and collector's office/tehsildar's office for 30 days.	**Complied.** We had submitted the copy of EC along with the letter dated 24.03.2008.
(ix)	The project proponent should advertise at least in two local newspapers widely circulated in the region around the project one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Gujarat State Pollution Control Board and may also be seen at website of the ministry of environment & forests at http///www.envfor.nic.in	**Complied.** We gave advertisement in papers SANDESH (vernacular language) & THE INDIAN EXPRESS dated 22.03.2008 and copy is attached as **Annexure 13**.
(x)	The project proponents should inform regional office Bhopal as well as the ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of start of work.	**Complied.** • The consent & Authorization for the project is accorded by GPCB vide letter no GPCB/CCA-BRCH-167(13)/ID-14983/134176 dated 04.01.2013. • We have informed MoEF&CC-Bhopal as well as ministry the date of start of work and financial closure by concerned authority via our letter BEIL- PH-III/MOEF/03 dated on 19.12.1014. The Same is attached as **Annexure 14**.

Compliance Status of Environmental Clearance EC# F.No.10-10/2014-IA.III for Expansion of Secured Landfill (Phase-III) of Existing Integrated Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) in GIDC Industrial Estate, Ankleshwar, District Bharuch (Gujarat) by M/s BEIL Infrastructure Ltd. Dated 31.12.2015.

Environmental Clearance No. F. 10-10/2014-IA.III dated 31st December 2015.

The proposal for Expansion of Secured Landfill (Phase-III) of Existing Integrated Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) in GIDC Industrial Estate, Ankleshwar, District Bharuch (Gujarat) by M/s BEIL Infrastructure Ltd, was considered by the Expert Appraisal Committee (EAC) in the Ministry for Infrastructure Development, Coastal Regulation Zone, Building/Construction and Miscellaneous Projects, in its meeting held on 24th-26th June 2015

No.	Observation/Conditions as per Environmental Clearance No. F. 10-10/2014-IA.III dated 31st December 2015.	Status of compliance of EC Conditions
3.	The details of the project, as per the documents submitted by the project proponents (PP), and also as informed during the above EAC meetings, are reported to be as under: -	
(ii)	The Project was accorded TOR vide letter No. 10-10/2014-IA-III dated 18.09.2014.	**Noted.**
(iii)	The Project involves expansion of Secured Landfill (Phase-III) of existing Integrated Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) in GIDC Industrial Estate, Ankleshwar of District Bharuch (Gujarat) by M/s BEIL Infrastructure ltd. The Project is located at 21°36'55"-21°37'09" Latitude and 73°02'03"-73°02'59" longitude.	**Noted.**
(iv)	The Total site area is 69 acres, pit area 2.98 acres and closure area is 14.755 acres.	**Noted.**
(v)	Green Belt development (20% of construction projects and 33% for others). The main objective of the green belt is to provide a barrier between the plant surroundings areas. Total 2,79,233.34 sqm land area is available at site; out of this about 41,000 sqm (14.683%) area is covered as green belt and other forms of greenery.	**Complied.** Green belt is developed in total 41076.95 sq. mt to mitigate the impacts on the overall air quality at the site. The layout of the green belt within the premises is attached as **Annexure–10**. Additionally, we have taken land in the nearby village, namely Sengpur. wherein we shall carry out greenbelt development activities to comply with the statutory requirement. The approval letter received for forestation from village Sengpur is attached as **Annexure-10(A).**

<table>
<tr>
<td>(vi)</td>
<td>Water requirements will be met through GIDC water supply. Total GIDC water supply required is at 631 KL/day for industrial purpose and 26 KLD for domestic Purpose.</td>
<td>Noted and complied.
After the Amendment in CCA our total Water Requirement is 743.4 KLD out of which 26 KLD is for Domestic, 83 is for Gardening & 634.4 KLD is for industrial purposes. Water is supplied by the GIDC, and ground water usage is minimum. The water consumption is as tabulated below:
<table>
<tr><th>Month</th><th>GIDC Water cons. (KL) (A)</th><th>Tanker + Borewell cons. (KL) (B)</th><th>Total water cons. (A+ B) (KL)</th></tr>
<tr><td>Apr-24</td><td>3997</td><td>0</td><td>3997</td></tr>
<tr><td>May-24</td><td>4943</td><td>0</td><td>4943</td></tr>
<tr><td>Jun-24</td><td>3333</td><td>0</td><td>3333</td></tr>
<tr><td>Jul-24</td><td>3759</td><td>0</td><td>3759</td></tr>
<tr><td>Aug-24</td><td>3639</td><td>0</td><td>3639</td></tr>
<tr><td>Sep-24</td><td>3009</td><td>0</td><td>3009</td></tr>
<tr><td>Total</td><td>22680</td><td>0</td><td>22680</td></tr>
<tr><td>Avg/Day</td><td colspan="3">123.93</td></tr>
</table>
</td>
</tr>
<tr>
<td>(vii)</td>
<td>The wastewater generation is limited to 312 KLD.</td>
<td>Noted and complied.
After Amendment the Total wastewater generation is 470.5 KLD out of which 26 KLD is from Domestic & 444.5 KLD is from industrial purpose which is treated/reused in STP/ quencher/MEE/ETP or sent to ETL.
Details of Leachate & Condensate Generation & treatment for the period April’24 to September’24 is as tabulated below:
<table>
<tr><th>Month</th><th>Leachate (Treated in MEE) (KL)</th><th>Condensate and Effluent(Sent to ETL / treated in ETP)</th></tr>
<tr><td>Apr-24</td><td>1369.00</td><td>2349</td></tr>
<tr><td>May-24</td><td>1411.00</td><td>2642</td></tr>
<tr><td>Jun-24</td><td>1700.00</td><td>3428</td></tr>
<tr><td>Jul-24</td><td>2253.00</td><td>3400</td></tr>
<tr><td>Aug-24</td><td>2288.00</td><td>2819</td></tr>
<tr><td>Sep-24</td><td>2001.00</td><td>3057</td></tr>
<tr><td>Total</td><td>11022</td><td>17695</td></tr>
<tr><td>Avg (KLD)</td><td>60.56</td><td>96.694</td></tr>
</table>
</td>
</tr>
</table>

(viii)	The quantity of wastewater generated will be 80.5 KLD from various stages of the operation and most of the wastewater is treated and recycled to minimize the usage of ground water. The entire wastewater will be treated and reused for various activities such as vehicle tire washing, dust suppression.	**Noted and complied.** Wastewater (Leachate) generated is treated in MEE and the MEE condensate is sent to the ETP Plant for further treatment. The treated water is used for industrial purposes.
(ix)	No additional power is required. Gujarat Electricity Board (GEB) will supply the power. In case of power failure D.G. Set can be used (2×600 kVA capacity each).	**Complied.** • No additional power was required during phase III project. • During power failure, D.G. Set is being used (2×975 kVA capacity each) & DG Set (600 KVA).
(x)	Investment/Cost: The total cost of the project Is Rs. 30 Crores.	**Complied.** The total invested cost is below 30 crores.
(xi)	Public Hearing: Public Hearing is not required for Projects/activities located within the industrial estates/parks as per Office Memorandum from MoEF&CC (IA) letter no. j-11013/36/2014-ia-I DATED 10.12.2014	**Not Applicable.** BEIL is located within the notified industrial estate, so public hearing was not required as per Office Memorandum from MoEF&CC (IA) letter no. j-11013/36/2014-ia-I dated 10.12.2014.
(xii)	Wildlife issues: There are no National Parks, Wildlife Sanctuary, biosphere reserves found in the 10 km buffer zone.	**Not Applicable.** There are no National Parks, Wildlife Sanctuary, or biosphere reserves found in the 10 km buffer zone. BEIL is located within the Notified industrial estate area.
(xiii)	Forests Land: No Forest land is involved in the project	**Not applicable.** No Forest land is involved in the project. BEIL is located within the Notified industrial estate area.
(xiv)	There are no Court cases/violations pending with the project proponent.	**Complied.** There are no Court cases/violations pending with the project proponent.
4	The EAC, after detailed deliberation, recommended the project in its meeting held on 24th – 26th June 2015 for grant of Environmental Clearance. As per the recommendations of EAC, the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance for the above-mentioned project "Expansion of Secured Landfill (Phase-III) of Existing Integrated Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) in GIDC Industrial Estate, Ankleshwar, District Bharuch (Gujarat) by M/s BEIL Infrastructure Ltd." under	**Noted.**

	the provisions of the EIA Notification, 2006 and amendments thereto and circulars issued thereon and subject to the compliance of the following specific and general conditions:	

Specific Condition:

No.	Description	Status
(I)	'Consent to Establish' shall be obtained from State Pollution Control Board under the Air (Prevention and control of Pollution) Act, 1981 and the Water (Prevention and Control of pollution) Act, 1974	**Complied.** We have obtained CTE and CTO for the project from GPCB. Copy of Valid CCA is attached as an **Annexure-3.**
(ii)	Water from bore-wells shall not be used for the proposed activities. Existing bore-wells shall be used only for monitoring the quality of ground water.	**Noted & complied.** • The provided monitoring wells at upstream (6 nos.) and downstream (6 nos.) of the TSDF is used for monitoring the quality of ground water. An average of all the monitoring results of ground water results in and around the site are mentioned in **Annexure-5.** • All the third-party reports are attached as **Annexure – 4**.
(iii)	The proposed layout plan shall be realigned in such a way that the waste tipping area and processing area and other project components which produces maximum air and noise pollution is farthest from the habitation.	**Complied.** The existing site is located inside the notified industrial estate
(iv)	State of the art measures shall be adopted for odor control from the plant.	**Complied.** • For landfillable waste handling we have provided a scrubber in the stabilization shed to control odor. • For Incinerable waste handling we have provided a scrubber in the preprocessing area and waste handling area to control odor. • An odor control system is also installed in the plant area. Moreover, we have also provided a double-stage scrubber system (wet and dry) in the incinerator plant to control air pollution.

(v)	The Waste lying at the existing dumping site shall be excavated and should be accumulated to designated place within the site and this accumulated waste shall be compacted and closed scientifically after reaching the design height.	**Complied.** • There is no dumping site. Waste received from the member industries are checked and treated/ directly go to the landfilling site. • Details of Secured Landfill operation ✓ Phase 1 6,01,404.117 MT waste disposed and capped in March 2007. Now, Phase 1 is part of Phase IV. Therefore, Phase 1 re-opened for leveling of Phase IV. ✓ Phase 2 landfill operation started on 12th March 2007 and after disposal of 17,75,274 MT waste disposed and capped in Feb'17. ✓ Phase 3 started in May 2016 and after disposal of 14,58,000.00 MT of waste disposed of and closed, currently partially in operation. ✓ Phase 4 started on April 2022 and 5,33,538.24 MT waste is disposed of till Sep'24. • Secured Landfills are already being compacted and closed cellwise scientifically after reaching the design height.
(vi)	Project Proponent shall develop green belt as committed	**Complied.** Green belt is developed in total 41076.95 sq. mt. to mitigate the impacts on the overall air quality at the site. Layout of green belt within the premises is attached as **Annexure – 10**. Additionally, we have taken a land in the nearby village namely Sengpur. wherein we shall carry out greenbelt activities to comply with the statutory requirement. The approval letter received for forestation from village Sengpur is attached as **Annexure-10(A).**
(vii)	The connectivity road to the side shall be as per IRC guidelines.	**Not Applicable.** This pertained to GIDC who has provided connectivity roads.
(viii)	The waste is proposed to be transported through the village roads, the roads shall be properly widened or proper road for transportation shall be provided. Details shall be incorporated in the EMP.	**Not Applicable** Existing site, located inside notified industrial estate hence, waste is not being transported through village roads. Proper Road network is available to receive waste at site from members industries.
(ix)	The gas generated from the landfill facility shall be collected and disposed as per rules	**Complied.** Since the waste is treated, stabilized, and disposed, there is no Gas Generation from the

		Secured Landfill. Gas vents have been Provided for the Existing Sites and the same Provisions will be made for the Secured Landfill Phase-IV. We are monitoring the vent pipes of landfill internally and almost all readings we are getting BDL. The records are maintained in the laboratory. Results are attached as **Annexure 15**.
(x)	The proponent shall obtain necessary clearance from the Ground water Authority for the use of ground water.	**Noted and complying.** we have obtained NOC from Central Ground water authority vide NOC. No. CGWA /NOC /IND/ORIG/2021/10974 dated 10.02.21. valid up to 09.02.2024 for ground water abstraction. At present renewal application of consent is under process.
(xi)	The depth of the Landfill site shall be decided based on the ground water table at the site.	**Noted and complied.** Before commencing the cell's construction, the landfill is being constructed in accordance with CPCB guidelines and approved drawings. We have descended to a depth of seven meters below the surface at the current site, which has a water table that is about thirty meters deep. Consequently, fulfilling the criteria of the CPCB rules.
(xii)	An On-Site Emergency Management Plan shall be prepared and implemented.	**Noted & complied.** • BEIL has prepared an on-site Emergency plan, and it is updated annually. On site emergency plans including points like hazard identification, organization setup, communication system, action on site, link with offsite emergency plan, training rehearsals and record aspects, offsite effects of any emergency, the duties, and functions to control any emergency etc. Mock drills are also being conducted. On-site Emergency Plan is submitted separately with this. • The ACK copy of letter submitted to DISH is attached as **Annexure-8**.
(xiii)	All the recommendation of the EMP shall be complied with letter and spirit. All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to MOEF&CC along with half yearly compliance report to MOEF&CC-RO.	**Complied.** • Summary of EMP Compliance is as below, and Detailed EMP Compliance is attached as **Annexure -7**.

	Sr. No.	**Condition**	**Compliance Status**

	1.	Temporary storage for hazardous waste	**Complied.** Temporary storage of hazardous waste for monsoon period has been provided with adequate capacity.
	2.	Loading and unloading of waste	**Complied.** Adequate facility and equipment for unloading of waste has been provided.
	3.	Transportation of waste	**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. Total Approved 421 dedicated vehicles equipped with VLTS-GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF.
	4.	Monitoring activity	**Complied.** We are carrying out internally as well as externally monitoring of soil, ambient air, ground water, storm water, noise monitoring on regular basis.
	5.	Leachate management system	**Complied.** Adequate nos. of leachate (6 leachate collection wells for Phase I, 7 no's of leachate collection wells for Phase II and 3 leachate collection well for Phase III) collection wells have been provided. For Phase-IV 3 nos. of leachate well is designed.
(xiv)	Environmental Monitoring program shall be implemented as per EIA-EMP report and guidelines prescribed by CPCB for Hazardous waste facilities. Periodical ground water/soil monitoring to check the contamination in and around the site be carried out.		**Complied**
(xv)	The Leachate from the facility shall be collected and treated to meet the prescribed standards before disposal.		**Complied.** • A well-designed leachate collection system is developed. • The SLF shall have 6 nos. to Phase I, 7 nos. to Phase II, 3 nos. for phase III and 3 nos. for phase IV leachate collection wells have been provided. Leachate is collected and treated in the MEE in the premises. During the shutdown of MEE, we are sending leachate for treatment at MEE at Dahej site. Condensate is treated in ETP and fully utilized. • In the period April'24 to September'24 **11022 KL** leachate is generated and treated in i MEE plant.

(xvii)	The responses/ commitments made to the issues raised during public hearing shall be complied with in letter and spirit. A Hard copy of the actions taken shall be submitted to the Ministry.	**Not Applicable.** The existing site is in a notified indusial estate area. Public Hearing is Not Applicable as per MoEF&CC memorandum No. J-11013/36/2014-IA-I Dated 10th December,2014.
(xviii)	Rainwater runoff from the landfill area and other hazardous waste management 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 / ETP to achieve ZLD/ETL as per us CCA.
(xviii)	The proponent shall abide by all the commitments and recommendations made in the EIA/EMP report so also during the presentation of EAC.	**Complied.** Summary of EMP Compliance is as below, and Detailed EMP Compliance is attached as **Annexure-7.**

Sr. No.	Condition	Compliance Status
1.	Temporary storage for hazardous waste	**Complied.** Temporary storage of hazardous waste for monsoon period has been provided with adequate capacity.
2.	Loading and unloading of waste	**Complied.** Adequate facility and equipment for unloading of waste has been provided.
3.	Transportation of waste	**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. Total Approved 421 dedicated vehicles equipped with VLTS-GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF.
4.	Monitoring activity	**Complied.** We are carrying out internally as well as externally monitoring of soil, ambient air, ground water, storm water, noise monitoring on regular basis.
5.	Leachate management system	**Complied.** Adequate nos. of leachate (6 leachate collection wells for Phase I, 7 no's of leachate collection wells for Phase II and 3 leachate collection well for Phase III) collection wells have been provided. For Phase-IV 3 nos. of leachate well is designed.

GENERAL CONDITION:-

No.	Description	Status
(I)	The project proponent should set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.	**Complied.** • The company have separate Environmental Management cell. Vice president (VP) – Operation, Environmental lab head, are directly reporting to Chief executive officer. / Director. • Details of the people engaged in the Environment cell are as below: ✓ Mr. Manoj Patel: VP– Operation (BE Civil) ✓ Ms. Rakshita Vyas: - DGM-Environment (PGD- Environment) ✓ Mr. Narendra Patel: Head, Environment Lab. ✓ Mr. Chirag Vasoya: Executive – Environment (BE Environment) ✓ Nirjal Patel: Officer- Environment (BE Environment) ✓ Khushboo Patel: Officer - Environment (BE Environment) ✓ Jaydeep Kushwaha: Trainee – Environment (BE Environment) • Corporate Environment Cell: ✓ Mr. B.D. Dalwadi - CEO - (BE – Chemical) ✓ Dr. P N Parameswaran: Advisor – Environment
(ii)	The Project proponent should extend full support to the officers of this Ministry/regional Office during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect to mitigation measures and other environmental protection activities.	**Noted and complied.** Full support is extended to the officers of the Ministry/regional Office during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect to mitigation measures and other environmental protection activities.
(iii)	The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provisions of the EPA, 1986, to ensure effective implementation of suggestions safeguard measures in a time bound and satisfactory manner.	**Noted.**

<table>
<tr><td>(iv)</td><td>In the event of a change in the implementation agency, a fresh clearance shall be obtained from the Ministry of Environment, forest and Climate Change.</td><td>Complied.
Name change had been done from Bharuch Enviro Infrastructure Ltd to BEIL Infrastructure Ltd. for that EC received wide letter F.No. 10-10/2014-IA.III dated 18.11.2021.</td></tr>
<tr><td>(v)</td><td>A copy of the clearance letter will be marked to concerned Panchayat/local NGO, if any, from whom any suggestions/representations has been made received while processing the proposal.</td><td>Complied.
Letter dated 09.01.2016 sent to the GPCB Regional Office, District Industries center and Collector’s Office. The same is attached as Annexure 16.</td></tr>
<tr><td>(vi)</td><td>The environmental safeguard contained in the EIA Report should be implemented in letter and spirit.</td><td>Complied.
• Summary of EMP Compliance is as below, and Detailed EMP Compliance is attached as Annexure-7.
<table>
<tr><th>Sr. No.</th><th>Condition</th><th>Compliance Status</th></tr>
<tr><td>1.</td><td>Temporary storage for hazardous waste</td><td>Complied.
Temporary storage of hazardous waste for monsoon period has been provided.</td></tr>
<tr><td>2.</td><td>Loading and Unloading of waste</td><td>Complied.
Adequate facility and equipment for unloading of waste has been provided.</td></tr>
<tr><td>3.</td><td>Transportation of waste</td><td>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. Total Approved 421 dedicated vehicles equipped with VLTS-GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF.</td></tr>
<tr><td>4.</td><td>Monitoring activity</td><td>Complied.
We are carrying out internally as well as externally monitoring of soil, ambient air, ground water, storm water, noise monitoring on regular basis.</td></tr>
<tr><td>5.</td><td>Leachate management system</td><td>Complied.
Adequate nos. of leachate (6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collection well for Phase III) collection wells have been provided. For Phase-IV 3 nos. of leachate well is designed.</td></tr>
</table></td></tr>
<tr><td>(vii)</td><td>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 center and Collector’s. Office/Tehsildar’s Office for 30 days.</td><td>Complied.
Letter dated 09.01.2016 sent to the GPCB Regional office, District Industries center and Collector’s Office. The same is attached as Annexure 16.</td></tr>
</table>

<table>
<tr><td>(viii)</td><td>The funds earmarked for Environmental protection measures shall be kept in</td><td>Complied.
A separate account (ESCROW) is maintained for environment protection and the cumulative amount till September’24 is 2244.84 Lakh. These funds are not diverted for any other activity.
Year wise expenditure on environmental protection is as below.
<table><tr><th>Year</th><th>Capital Expense (Lacs)</th><th>Revenue Expense (Lacs)</th></tr><tr><td>2018 - 2019</td><td>185</td><td>43.44</td></tr><tr><td>2019 - 2020</td><td>626.50</td><td>413.80</td></tr><tr><td>2020 - 2021</td><td>644.07</td><td>429.82</td></tr><tr><td>2021 - 2022</td><td>691.25</td><td>184.87</td></tr><tr><td>2022 - 2023</td><td>1994.96</td><td>330.92</td></tr><tr><td>2023-2024</td><td>5646.79</td><td>303.33</td></tr></table></td></tr>
<tr><td>5.</td><td>The above stipulations would been forced among others under the provisions of 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 Municipal Solid Wastes (Management and Handling Rules, 2000 including the amendments and rules made thereafter.</td><td>Noted.</td></tr>
<tr><td>6.</td><td>All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act,1972etc. shall be obtained, as applicable by project proponents from the respective competent authorities.</td><td>Complied.

The existing site is in notified GIDC area and already has applicable clearance/permissions from respective authority. Permission of Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. is not applicable as our existing site is already in notified GIDC area.</td></tr>
</table>

7.	The project proponent should 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 Man also be seen on the website of the Ministry of Environment, forest & Climate Change at http://www.envfor.nic.in. The advertisement should be made within seven days from the date of receipt of The Clearance Letter and a copy of the same Should be forwarded to the Regional Office of this Ministry at Bhopal.	**Complied.** Advertisement Published in Times of India (English Language) and Divya Bhaskar (Gujarati Language). The Same has been informed to MoEF Regional Office Bhopal, MoEF New Delhi, CPCB Regional Office Vadodara and, GPCB Gandhinagar and GPCB regional Office Ankleshwar vide Letter # BEIL/ANK/EC/PH3 Dated 04.01.2016. And herewith copies of Advertisement are attached as **Annexure 17**.
8.	This Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project.	**Not Applicable.** BEIL is located inside notified industrial estate area.
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	**Not applicable.**
10.	Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.	**Complied.** The EC Compliance has been uploaded on the Company Website.
11.	A copy of the clearance letter shall be sent by the proponent to concern 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.	**Complied.** • We marked the copy of the clearance letter to all the concerned dated 09.01.2016 and recorded it. The same is attached as **Annexure 16**. • The Clearance Letter has been uploaded on the Company Website.

12.	The proponent shall upload the status of the compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB.	**Complied.** The EC Compliance has been uploaded on the Company Website.
13.	The Project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in Hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB.	**Complied.** • We are regularly submitting a six-monthly report with all ECs conditions to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB. • Last six- monthly EC compliance report for the period of October'24 to March'24 was submitted on 29.06.2024.
14.	The environmental statement for each financial year ending 31st March in Form -V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and should also be sent to the respective regional Office of MoEF&CC by e-mail.	**Complied.** • We are submitting Form –V (Environmental Statement) every financial year and it is displayed on website.
15.	This issues with the prior approval of the Competent Authority.	**Noted.**

Compliance Status of Environmental Clearance EC# F.No.10-10/2014-IA.III for Enhancement of capacity change in configuration of the incinerator installed at Common Hazardous waste Treatment, Storage and Disposal Facility (TSDF) at plot No. 9601-9604,10001-10003, G-7 & 8, 7924-7927, 9401-9412, 9501-9506, 7905 E to H adjoining Gujarat Industrial Development Corporation (GIDC) Industrial Estate, Ankleshwar, District Bharuch (Gujarat) by M/s BEIL Infrastructure Ltd. Dated 01.08.2017.

Environmental Clearance No. F. 10-10/2014-IA.III dated 1st August 2017.

2. The proposal for grant of Environmental clearance to the project "Enhancement of capacity change in configuration of the incinerator installed at Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) at plot No. 9601-9604, 10001-10003, G-7 & 8, 7924-7927, 9401-9412, 9501-9506, 7905 E to H adjoining Gujarat Industrial Development Corporation(GIDC) Industrial Estate, Ankleshwar, District Bharuch (Gujarat) by M/s BEI Infrastructure Limited was considered by the Expert Appraisal Committee(infra-2) in its meeting held on 25th-27th May, 2017.

We would like to bring to your attention that this EC # F. 10-10/2014-IA.III dated 1st August 2017, for change in configuration of incinerator, is temporarily on hold. We shall comply with the conditions stipulated once the EC is implemented. However, we have complied the following conditions.

Condition No.	**Observation/Conditions asper Environmental Clearance 10 /2014 -IA.III dated 1st August 2017.**	**Status of compliance of EC Conditions**
2	The proposal for grant of environmental clearance to the project 'Enhancement of capacity change in configuration of the incinerator installed at Common Hazardous Waste Treatment, Storage and Disposal Facilities (TSDF) at plot No. 9601-9604, 10001-10003, G-7 &8, 7924-7927, 9401-9412, 9501-9506, 7905 E to H adjoining Gujarat Industrial Development Corporation (GIDC) Industrial Estate, Ankleshwar, District Bharuch promoted by M/s Bharuch Enviro Infrastructure Limited' was considered by the Expert Appraisal Committee (Infra-2) in its meetings held on 25th-27th May, 2017. The details of the project, as per the documents submitted by the project proponent, and also as informed during the above meeting, are under: -	
(i)	The present proposal is for the enhancement in capacity of incinerator with thermal capacity of 12 million kcal/hour. Such change in configuration of phase-II incinerator from one of 25 million kcal/hour capacity as per the EC of Phase-II.	At present we only have Two 6.5 million Kcal/hour thermal capacity incinerator.
(ii)	The proposed enhancement of capacity change in configuration of incinerator project falls under Category "A" as per EIA Notification 2006. The Project is of activity 7(d) listed in EIA Notification dated 14th September 2006, under Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF).	**Noted.**

(iii)	The project was considered by the Expert Appraisal Committee (Infra-2) in its 3rd Meeting on dated 23rd Feb 2016. Accordingly, TOR was approved vide letter no.10-10/2014-IA.III dated 26th March 2016. Public hearing was exempted as per para 7(i) III Stage (3) (i) (b) of EIA Notification, 2006 for preparation of EIA/EMP Report, being site is located in the Notified GIDC industrial area, Ankleshwar.	**Noted.**
(iv)	Power Demand: Existing power consumption is 1700 KVA & Proposed requirement 500KVA additional Source from Dakshin Gujarat Vin Co Ltd (DGVCL). In case of power failure-2 DG Sets (975 KVA capacity each) & 1 D.G. set (600 KVA).	**Noted and complied.** We have 2 DG Set of (975 KVA) and 1 DG Set of 600 KVA.
(v)	Fuel-Natural Gas @ 300 m^3/hrs to be sourced from Gujarat Gas Ltd.	**Noted & complied.**
(vi).	Water-Maximum water consumption will be 690 KLD one time and 445 KLD for industrial and domestic purpose that is available from GIDC supply.	**Noted & complied.** The water supply is from GIDC-Ankleshwar.
(vii)	Cost of the project is Rs. 32.00 crore.	**Noted.**
(viii)	Manpower during Construction phase, the labors and workers will be hired from nearby areas. Construction phase: 100 workman, operation phase: 30 workmen.	**Noted & complied.**
(ix).	Green belt is developed in total 50514.29 sqm (length: 3024 mtrs and average 15 mtrs. Width, and around 5000 (250 length x 20 width) sqm Near Phase-III) to mitigate the impacts on the overall air quality at the site.	**Complied.**
(x).	Benefit of the Project: Positive impact on environment in terms of better management of hazardous waste in the region. More employment opportunities will be created. Aesthetics of the area will improve.	**Noted.**
3.	The EAC, in its meeting held on 25th-27th May, 2017, after detailed deliberations on the proposal, has recommended 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 Affordable Housing Project 'Enhancement of capacity change in configuration of the incinerator installed at Common Hazardous Waste Treatment, Storage and Disposal Facilities (TSDF) at plot No. 9601-9604, 10001-10003, G-7 &8, 7924-7927, 9401-9412, 9501-9506, 7905 E to H adjoining Gujarat Industrial Development Corporation (GIDC) Industrial Estate, Ankleshwar, District Bharuch propomted 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:-

PART A — SPECIFIC CONDITIONS:

(i)	The emission standards prescribed by the MoEF&CC under Environment (Protection) Act for incinerator, lead recovery unit, e-waste, solvent recycling, used oil recycling unit etc shall be strictly followed. At no time, the emission levels shall go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the unit, the respective unit shall not be restarted until the control measures are rectified to achieve the desired efficiency. Stack emissions shall be monitored regularly.	**Noted & complied.**
(ii)	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); badfilter/ESP for removal of particulate matter; ventury scrubber followed by packed bed scrubber with caustic circulation to neutralize the acidic vapours in flue gas; and demister column for arresting water carry over shall be provided to the incinerator. Online pollutant monitoring shall be provided as per CPCB guidelines for monitoring particulate matter, SO2, NOx and CO from the incinerator stack. The periodical monitoring of Dioxins and Furans in the Stack emissions shall be carried out.	**Noted & complied.**
(iii)	As proposed, scrubber shall be provided to the oil fired boiler to control particulate emissions within permissible limit. The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/GPCB guidelines.	**Noted & complied.**
(iv)	Bagfilter shall be provided at Crushing, Dismantling, Shredding, Separation units of the e-waste management facility.	**Noted & complied.**

(v)	Multi cyclone, bagfilter followed by scrubber along with stack of adequate height shall be provided to Smelting (in Rotary Furnace) and Refining (in Refining Pot) to control process emissions.	**Noted & complied.**
(vi)	Incinerator shall be designed as per CPCB guidelines. Energy shall be recovered from incinerator.	**Noted & complied.**
(vii)	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.	**Noted & Complied.**
(viii)	Ambient air quality monitoring shall be carried out in and around the landfill site at up wind and downwind locations.	**Noted & Complied.**
(ix)	The depth of the land fill site shall be decided based on the ground water table at the site.	**Noted & Complied.**
(x)	Environmental Monitoring Programme shall be implemented as per EIA report and guidelines prescribed by CPCB for hazardous waste facilities. Periodical ground water/soil monitoring to check the contamination in and around the site shall be carried out. Regular monitoring of Volatile Organic Compounds (VOCs) should be carried out.	**Noted & Complied.**
(xi)	All the solvent storage tanks should be connected with vent condensers with chilled brine circulation.	**Noted & Complied.**
(xii)	The Company shall ensure proper handling of all spillages by introducing spill control procedures for various chemicals.	**Noted & Complied.**
(xiii)	Total fresh water requirement from GIDC should not exceed 445 KLD.	**Noted & Complied.**
(xiv)	All leachates arising from premises should be incineration/ Forced evaporation/spraying on landfill.	**Noted & Complied.**
(xv)	MEE residue should be sent to the incinerator and condensate to the CETP for final treatment. The CETP's should have consent of the Board	**Noted & Complied.**

	to treat such effluents.	
(xvi)	Effluent shall be treated in the effluent treatment plant followed by RO to achieve zero liquid discharge. Treated effluent shall be recycled/reused for cooling tower make up, plantation and landfill. No effluent shall be discharged outside the plant premises.	**Noted & Complied.**
(xvii)	The primary treated effluents shall be sent for final treatment to authorized vendors/CETP's only with consent of the Board also to treat effluents from the project.	**Noted & Complied.**
(xviii)	Real Time Automatic Monitoring facilities should be installed on the stack and on the outlet of the treatment plant as per the guidelines of the Central Pollution Control Board.	**Noted & Complied.**
(xix)	Ensure compliance to the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and guidelines developed by the CPCB.	**Noted & Complied.**
(xx)	No non-hazardous wastes, as defined under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 shall be handled in the premises. Hazardous waste shall be sent to an authorized vendor only.	**Noted & Complied.**
(xxi)	Preparation of Alternate Fuel and Raw material for co-processing should be strictly as per the directives as under the HWM Rules, 2016 and the Central Pollution Control Board after trial runs as prescribed.	**Noted & Complied.**
(xxii)	Gas generated in the Land fill should be properly collected, monitored and flared.	**Noted & Complied.**
(xxiii)	Project Proponent shall develop green belt, as committed. At least 15 m thick greenbelt shall be developed in the periphery of hazardous waste facility.	**Noted & Complied.**
(xxiv)	Project should ensure that the site is properly cordoned off from general movement and no unauthorized person or goods permitted to enter the premises. Necessary security provision should be made as a condition in the Authorization under the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 prevent unwanted access.	**Noted & Complied.**

(xxv)	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.	**Noted & Complied.**
(xxvi)	Rain water runoff from the landfill area and other hazardous waste management area shall be collected and treated in the effluent treatment plant.	**Noted & Complied.**
(xxvi)	Pre medical check-up to be carried out on workers at the time of employment and regular medical record to be maintained.	**Noted & Complied.**

PART B - GENERAL CONDITIONS

(i)	'Consent to Establish' shall be obtained from State Pollution Control Board under the Air (Prevention and Control of Pollution) Act, 1981 and the Water (Prevention and Control of Pollution) Act, 1974.	**Noted & Complied.**
(ii)	The project proponent should set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.	**Noted & Complied.**
(iii)	The project proponent should extend full support to the officers of this Ministry / Regional Office 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.	**Noted & Complied.**
(iv)	The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	**Noted & Complied.**
(v)	In the event of a change in project profile or change in the implementation agency, a fresh clearance shall be obtained from the Ministry of Environment, Forest & Climate Change.	**Noted & Complied.**

(vi)	A copy of the clearance letter will be marked to concerned Panchayat local NGO, if any, from whom any suggestion/ representation has been made received while processing the proposal.	**Noted & Complied.**
(vi)	The environmental safeguards contained In the EIA Report should be implemented in letter and spirit.	**Noted & Complied.**
(vii)	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/ Tehsi1dar's office for 30 days.	**Noted & Complied.**
(ix)	The funds earmarked for environmental protection measures shall be kept in separate account and shall not be diverted for other purpose. Year-wise expenditure shall be reported to this Ministry and its concerned Regional Office.	**Noted & Complied.**
4	The above stipulations would be enforced among others under the provisions of 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 Municipal Solid Wastes (Management and Handling) Rules, 2000 including the amendments and rules made thereafter.	**Noted & Complied.**
5	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	**Noted & Complied.**

6	The project proponent should advertise at least in two local newspapers widely circulated in the region around the project one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Gujarat State Pollution Control Board and may also be seen at website of the ministry of environment & forests at http///www.envfor.nic.in... The advertisement should be made within seven days from the date of receipt of the clearance letter and a copy of the same should be forwarded to the regional office of this Ministry at Bhopal.	**Complied.** We have given advertisement in papers SANDESH &THE TIMES OF INDIA dated 09.08.2017.
10	A copy of the clearance letter shall be sent by the proponent to concern panchayat, Zilla Parisad, Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	**Complied.** We had marked the copy of the clearance letter to all the concerned dated 12.08.2017 and recorded. The same has also been uploaded on our company website. The same is attached as **Annexure 18**.

Compliance Status of Environmental Clearance EC# F. No. 10-10/2014-IA-111 for Enhancement of capacity of Existing phase III Landfill Facility at Common Hazardous Waste Treatment, Storage and Disposal Facilities (TSDF) at plot No. 9601-9604, 10001-10003, G-7 & 8, 7924-7927, 9401-9412, 9501-9506, 7905 E to H adjoining
Gujarat Industrial Development Corporation (GIDC) Industrial Estate, Ankleshwar, District Bharuch (Gujarat) by M/s BEIL Infrastructure Ltd. Dated 16.04.18

Environmental Clearance No. F. 10-10/2014-IA.III dated 16th April 2018.

The proposal for grant of Environmental clearance to the project "Enhancement of capacity of Existing phase III Landfill Facility at Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) at plot No. 9601-9604, 10001-10003, G-7 & 8, 7924-7927, 9401-9412, 9501-9506, 7905 E to H adjoining Gujarat

Industrial Development Corporation (GIDC) Industrial Estate, Ankleshwar, District Bharuch (Gujarat) by M/s BEI Infrastructure Limited was considered by the Expert Appraisal Committee(infra-2) in its 24th meeting held on 30-31 October 2017.

The details of the project as per the documents submitted by the project proponent, and also as informed during the above said meeting are under: -

Sr. No.	Observation/Conditions as per Environmental Clearance No. F. 10-10/2014-IA.III dated 31st December 2015.	Status of compliance of EC Conditions
(i)	The proposal is for amendment of the Phase -III Environment Clearance and permit us enhancement of capacity from 11.58 lacs MT to 14.58 lacs MT a within the same disposal facility. (CHWTSDF)	**Noted.**
(ii)	Environmental Clearance to the project was granted by MoEF&CC vide letter No. 10-10/2014-IA-III dated 21.12.2015.	**Noted.**
(iii)	BEIL Infrastructure Limited (BEIL) is operating Common Hazardous waste Treatment, Storage and Disposal Facility (CHWTSDF) consisting of secured landfill (SLF) (since 1997) and common Incineration System (since 2004) at GIDC Ankleshwar. This is the first common landfill facility developed in India, under the guidance of National Productivity Council, New Delhi and the German experts with them.	**Noted.**
(iv)	The CHWTSDF has been notified by Government of Gujarat. Phase- I of secured landfill facility, after disposal of 6 Lakhs MT of solid/Hazardous wastes, has been capped as per CPCB guidelines. Phase-II of secured landfill has been designed by IIT Delhi and is in operation (since 2007) having the capacity of 17 Lakhs MT. Till August 2015, approximately 15.5 Lakhs MT of solid/hazardous wastes has been disposed. The remaining	**Noted.**

<table>
<tr><td></td><td>capacity of 2 Lakhs MT is equivalent to approximately 1 year’s land filling at the current rate. BEIL, during its 18 years of operation, have collected and disposed of approximately 22 Lakhs MT of hazardous wastes in the secured landfill (SLF). Phase III of secured landfill (SLF) have been designed by IIT Delhi and is in under construction phase having the capacity of11.58 Lakhs MT (assuming a density 1.5 Mg/m3).</td><td></td></tr>
<tr><td>(v)</td><td>Common Incineration System for treating organic waste was setup in 2004 with thermal capacity of 6.5million kcal/hour. BEIL have setup second incinerator in 2012 and in this system, waste heat is also recovered. The steam generated is used in the Multiple Effect Evaporation System (MEE). Solid Liquid/ other types of wastes are being treated in the Common Incineration system and so far, approximately 1.53 Lakhs MT waste has been incinerated.</td><td>Noted.</td></tr>
<tr><td>(vi)</td><td>The present proposal is an expansion project to utilize the area of Phase III to enhance the existing capacity of secured landfill (SLF) (Phase III) from 11.58 Lakhs MT to 14.58 Lakhs MT Integrated Common Hazardous Waste Treatment, Storage and Disposal Facility (CHWTSDF). Phase III Pit Area = 2.98 Acre (12084 sqm) Phase III Closure Area = 14.755 Acre (59731 sqm) & capital cost involved in installation of the project is 30 Lakhs.</td><td>Noted.</td></tr>
<tr><td>(vii)</td><td>GIDC Water permission for 610 KLD including domestic water consumption. No additional power is required.</td><td>Noted and complied.

After the Amendment, the total water requirement is 743.4 KLD out of which 26 KLD is for Domestic, 83 is for gardening & 634.4 KLD is for industrial purpose. Water is supplied by the GIDC, and minimum ground water is used. The Water consumption is as below:
<table>
<tr><td>Month</td><td>GIDC Water cons. (KL) (A)</td><td>Tanker + Borewell cons. (KL) (B)</td><td>Total water cons. (A+ B) (KL)</td></tr>
<tr><td>Apr-24</td><td>3997</td><td>0</td><td>3997</td></tr>
<tr><td>May-24</td><td>4943</td><td>0</td><td>4943</td></tr>
<tr><td>Jun-24</td><td>3333</td><td>0</td><td>3333</td></tr>
<tr><td>Jul-24</td><td>3759</td><td>0</td><td>3759</td></tr>
<tr><td>Aug-24</td><td>3639</td><td>0</td><td>3639</td></tr>
<tr><td>Sep-24</td><td>3009</td><td>0</td><td>3009</td></tr>
<tr><td>Total</td><td>22680</td><td>0</td><td>22680</td></tr>
<tr><td>Avg/ Day</td><td colspan="3">123.93</td></tr>
</table></td></tr>
<tr><td>(viii)</td><td>Supply source: Gujarat Electricity Board (GEB). In case of power failure, D.G. Set can be used (2 no’s 975KVA</td><td>Noted and complied.</td></tr>
</table>

	capacity each)	
(ix)	Project falls under Category "A" as it is an existing Integrated Common hazardous waste treatment, storage, and disposal facilities (TSDFs).	**Noted.**
(x)	Leachate / Effluent from landfill will be treated in our Multiple Effect Evaporator (MEE) plant. Whenever MEE is not in operation, leachate will be sent to CETP of Enviro Technology Limited at Ankleshwar.	**Noted and complied.**
(xi)	Total 2,79,233.34 sqm land area is available at site; out of this area about 50514.29 sqm area is covered as greenbelt and other forms of greenery. Total Rs.10 Lakhs shall be spent for green development within premises.	**Complied.** The green belt is developed in total 41076.95 sq. mt to mitigate the impact on the overall air quality at the site. Layout of green belt within the premises is attached as **Annexure – 10**. Additionally, we have taken land in the nearby village named Sengpur. wherein we shall carry out greenbelt activities to comply with the statutory requirement. The approval letter received for forestation from village Sengpur is attached as **Annexure-10(A).**

The EAC, in its meeting held on 30-31 October 2017 recommended the amendment so as to include only the additional quantity of solid wastes handled without any other changes in the conditions of E.C. issued earlier. Based on the recommendations of EAC, the Ministry hereby accord the amendment to the EC letter

F. No. 10-10/2014-IA-III dated 31.12.2015 for enhancement of capacity from 11.58 Lakhs MT to 14.58 Lakhs MT within the same disposal facility (CHWTSDF) and stipulated following additional condition: "The amendment is being granted only with relation to increased handling of Municipal solid wastes due to improved handling and compaction. Apart from this, the project proponents will not make any changes in the project nature, structure or configuration and limit themselves to activities for which the environmental clearance has been given earlier".

All the other conditions contained in the MoEF&CC letter F. No. 10-10/2014-IA-Ill dated31.12.2015 remains the same.

The Corrigendum for point 4 was received on 18th October 2018 and the corrected statement is

"The amendment is being granted only with relation to increased handling of Hazardous wastes due to improved handling and compaction. Apart from this, the project proponents will not make any changes in the project nature, structure or configuration and limit themselves to activities for which the environmental clearance has been given earlier".

Compliance Status of Environmental clearance for expansion of secured landfill (Phase IV) of Integrated Common Hazardous Waste Treatment, Storage and Disposal Facility(TSDF) at Ankleshwar by M/s BEIL Infrastructure Limited

Environmental Clearance No. 10-25/2019-IA-III dated 15th October 2020

***Note**: Change of name in EC letter No. 10-25/2019-IA-III dated 15.10.20 from M/s. Bharuch Enviro Infrastructure Limited to M/s BEIL Infrastructure Limited was received vide letter F. No. 21-48/2021-IA-III dated 17.06.21.*

Environmental Clearance F. No. 21-48/2021-IA-III dated 17th June 2021

F. No. 21-48/2021-IA-III
Government of India
Ministry of Environment, Forest and Climate Change
(IA.III Section)

Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi – 110003

June 17th, 2021

To,

Shri. B.D. Dalwadi
M/s BEIL INFRASTRUCTURE LTD
Plot No.9701-16, GIDC Estate, P.B No. 82
Ankleshwar-393002
Email: dalwadibd@beil.co.in

Subject: Proposed expansion of secured landfill (Phase IV) of Integrated Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) at Plot Number 9701-16, 9801-28, 9901-06, 9923-28, 9601-04, 10001 - 10003, G7 & 8, 7924 - 7927, 9401 - 12, 9501-06, 7905/E-7905/H, GIDC Ankleshwar, proposed by M/s. BEIL Infrastructure Ltd.- Change of name in the Environmental Clearance –reg.

Sir,

This has reference to your online application/proposal No. IA/GJ/MIS/206351/2021 dated 27.03.2021 through Parivesh Portal regarding Change of name in the EC to the above mentioned project from M/s. Bharuch Enviro Infrastructure Limited to M/s BEIL Infrastructure Limited.

2. The Ministry had earlier issued EC to the project for Expansion of secured landfill (Phase IV) of Integrated Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) at Plot number 9701-9716, GIDC Ankleshwar.

3. M/s BEIL Infrastructure Limited has informed that they have changed their name from M/s. Bharuch Enviro Infrastructure Limited to M/s BEIL Infrastructure Limited.

4. M/s BEIL Infrastructure Limited has submitted a copy of undertaking/NOC as signed by the authorized signatory to abide by the terms and conditions stipulated in the EC granted vide letter No. 10-25/2019-IA.III dated 15.10.2020 issued by the Ministry of Environment, Forest and Climate Change to the M/s. Bharuch Enviro Infrastructure Limited.

5. As per the relevant provisions of the EIA Notification 2006, the EC to the Proposed expansion of secured landfill (Phase IV) of Integrated Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) at Plot number 9701-9716, GIDC Ankleshwar granted by the Ministry of

<table>
<tr><th>Sr. No.</th><th>Observation/Conditions as per Environmental Clearance No. 10-25/2019-IA-III dated 15th October, 2020</th><th>Compliance</th></tr>
<tr><td>2</td><td colspan="2">The project was considered by the Expert Appraisal Committee (Infra-2) in its 51st meeting held during 2l-22 May 2020 and thereafter in its 54th meeting held during 27-28 August 2020. The details of the project, as per the documents submitted by the project proponent, and also as informed during the above
meeting are as under:</td></tr>
<tr><td>i.</td><td>M/s Bharuch Enviro Infrastructure Limited (BEIL) pioneer in the Treatment, Storage, and Disposal of Hazardous waste is operating an Integrated TSDF at Ankleshwar with two Common Incineration Systems having a thermal capacity of 6.5 million kcal/hour. The existing capacity of Landfill at the Integrated TSDF site and their status are:
Phase I: 6,000,00 MT -Completed & Capped
Phase II: 17,00,000 MT completed.
Phase III was developed between Phases I and II, having capacity of 11.58 Lacs MT is Operational.</td><td>Note:

Phase – I is now a part of Phase – IV, therefore the top cover of Phase – I is re-opened for leveling and disposal of new landfillable waste of Phase IV.</td></tr>
<tr><td>ii.</td><td>The Environmental Clearance for enhancement in capacity from 11.58 Lacs MT to 14.58 Lacs MT was issued vide letter F. No. 10-10/2014- IA- 111, dated 16.04.2018.</td><td>Noted.</td></tr>
<tr><td>iii.</td><td>The proposed Phase IV landfill development comprises of optimization of the landfill capacity of the entire site to add 8,90,000 M3 space to accommodate 13,40,000 MT of hazardous waste (waste density 1.5 Mg/m3) The objective of proposed expansion is to have continued operation of TSDF. The Phase-I and Phase-II sites has been completed and Phase-III is nearing completion. The total remaining capacity is approximately 8,30,000 tones, equivalent to about 3 years landfill operations. Till September 2019, an amount of 31,049,29.65 MT waste has been disposed at the site.</td><td>Noted.

Now, Phase I is part of Phase IV. Till September’24 an amount of 4321868.186 MT waste has been disposed of at landfill site.</td></tr>
<tr><td>iv.</td><td>The feasibility report has identified a proposed scheme to extend the life of the hazardous waste landfill at Ankleshwar for an additional approximately 5.5 years. The additional landfill capacity would comprise an extension to the existing landfill, at four locations around the perimeter. Engineering solutions have been identified to deliver the proposed Phase IV landfill extension. Area and classification of land is as under:
<table>
<tr><th>Phase II</th><th>Phase III</th><th>Phase IV</th></tr>
<tr><td>Total Site Area = 69 acre. (2,79,233.33 Sq. Meters) = 27.92 ha</td><td>Total Site Area = 69 acres (2,79,233.33 Sq. Meters)
Phase III Pit Area = 2.98 Acre (12084 Sq. Meters) Phase III Closure Area = 14.755 Acre (59731 Sq. Meters).</td><td>Available space: 8,90,000 m3</td></tr>
</table>
</td><td>Noted.</td></tr>
</table>

<table>
<tr><td>v.</td><td>Permission for total water consumption of 657 KLD for the existing facility including for domestic purposes (27 KLD) is already available from the Gujarat Industrial Development Corporation (GIDC) supply. No additional water will be required, since; the proposed capacity expansion will be the continued operation of secured landfilling for the disposal of hazardous waste.</td><td>Noted and complied.
After Amendment the Total Water Requirement is 743.4 KLD out of which 26 KLD is for Domestic, 83 is for Gardening & 634.4 KLD is for industrial purposes. Water is supplied by the GIDC and minimum groundwater is used. The water consumption is as below:
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</table></td></tr>
<tr><td>vi.</td><td>No additional power is required. The existing source of electricity is Dakshin Gujarat Vij Company Limited (DGVCL). In case of power failure, existing two D.G. Sets of 975 KVA each and 1 DG set of 600 KVA capacity shall be used.</td><td>Complied.
During the power failure, D.G. Set is being used (2×975 kVA capacity each) & DG Set (600 KVA). therefore, no additional power was required during the Phase IV project.</td></tr>
<tr><td>vii.</td><td>Project requires appraisal as Category "A" as the project lies in the Critically Polluted Area, as per the MoEF&CC Office Memorandum J-11013/5/2010/1A- II (I) dated 25th November 2016. The moratorium has been lifted in Ankleshwar. Integrated TSDF is listed under Projects of activity at Sr No 7 (d) as per EIA Notification dated 14th
September 2006 and its subsequent amendments.</td><td>Noted.</td></tr>
<tr><td>viii.</td><td>Leachate / Effluent from landfill will be treated in the existing Multiple Effect Evaporator (MEE) plant. Whenever MEE is not in operation, leachate will be sent to CETP of Enviro Technology Limited
at Ankleshwar.</td><td>Complied.
The leachate generated from phase IV through the leachate wells is directly treated in the MEE Plant.</td></tr>
<tr><td>ix.</td><td>Green belt is developed in an area measuring a total of 41,000.82 sqm all along the plant area. Additionally, after the closure and capping of Secured Landfill landscaped area is developed as green area. This practice will also be undertaken for the SLF to be capped.</td><td>Complied.
The green belt is developed in total 41076.95 sq. mt to mitigate the impact on the overall air quality at the site. The layout of the green belt within the premises is attached as Annexure – 10.
Additionally, we have taken land in the nearby village named Sengpur. wherein we shall carry out greenbelt activities to comply with the statutory</td></tr>
</table>

		requirement. The approval letter received for forestation from the village of Sengpur is attached as **Annexure-10(A).**
x.	Terms of Reference (ToR) for the proposed expansion (Phase-IV) was granted by MoEF & CC vide Letter F.No. 10-25/2019-IA-III dated 17.05.2019.	**Noted.**
xi.	Earlier, Public Hearing was exempted as the project site is located in the GIDC Notified industrial area, Gujarat.	**Noted.**
xii.	Investment/Cost of the project is Rs. 50.58 Crores.	**Noted.**
xiii.	Benefits of the Project: Continuing the operation of TSDF for scientific disposal of hazardous waste in secured landfill will be a positive environmental impact and sustainable development.	**Noted.**
xiv.	Employment Potential: Long-term employment opportunity for the local people as well as migrants from nearby areas.	**Noted.**
3.	The project/activity is covered under category 'B' 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 SEAC level. However, due to the applicability of General Condition i.e. Project is located in Ankleshwar, one of Critically Polluted Areas; the proposal is appraised at Central Level by Sectoral EAC. The moratorium has been lifted in Ankleshwar.	**Noted.**
4.	The EAC also noted that the proposal is for capacity enhancement of a Secured Landfill to utilize available space of 8,90,000 m3 to accommodate 13,40,000 MT of hazardous waste over a period of 5.5 years @ disposal rate of approximately 2,40,000 tons/year for Treatment, Storage, and Disposal of Hazardous waste as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules,2016. The baseline study was carried out during 16.10.19 - 15.01.2020. The EAC also deliberated on the certified compliance report provided by the MoEF & CC's Regional Office (WZ), Bhopal vide letter No. 5- 28/2008(ENV)/185 dated 02.03.2020 and asked the project proponent to submit additional information. Project Proponent submitted the additional information on Ministry's website on	**Noted.**

	29.07.2020. Subsequently the proposal was considered the EAC in its 54th meeting held during 27-28 August 2020. The EAC also took note point wise reply submitted by Project Proponent towards observations of the EAC.	
5	The EAC, based on the information submitted and clarifications provided by Project Proponent and detailed discussions held on all the issues, recommended the project for grant of environmental clearance with stipulated specific conditions along with other Standard EC Conditions as specified by the Ministry vide OM dated 4th January 2019 for the said project/activity, while considering for accord of environmental clearance.	**Noted.**
6	As per recommendations of EAC, the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance for the proposed expansion (implementation of Phase-IV) of existing the facility subject to the following specific and general condition.	**Noted.**

Specific Conditions:

i.	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.**
ii.	All possible measures shall be adopted for odor control. Odor shall be controlled by providing proper ventilation in the site, spraying ecocar (organic and biodegradable chemical) around odor generation areas at regular intervals and by developing greenbelt with odor control species.	**Complied.**

<table>
<tr>
<td>iii.</td>
<td>Existing water consumption is 657 KL/day. No additional water will be required for the proposed expansion. Water is being supplied by GIDC Ankleshwar. No ground water shall be extracted for the proposed facility.</td>
<td>Noted and complied.
• After Amendment the Total Water Requirement is 743.4 KLD out of which 26 KLD is for Domestic, 83 is for Gardening & 634.4 KLD is for industrial purposes. Water is supplied by the GIDC and minimum ground water is used.
• As per EC F. 10-10/2014-IA-III dated. 31.12.15 specific condition point (X) we have received NOC No. CGWA/NOC/IND/ORIG/2021/10974 dated 10.02.21 from CGWA to utilize ground water.
• The water consumption is as below:
<table>
<tr><td>Month</td><td>GIDC Water cons. (KL) (A)</td><td>Tanker + Borewell cons. (KL) (B)</td><td>Total water cons. (A+ B) (KL)</td></tr>
<tr><td>Apr-24</td><td>3997</td><td>0</td><td>3997</td></tr>
<tr><td>May-24</td><td>4943</td><td>0</td><td>4943</td></tr>
<tr><td>Jun-24</td><td>3333</td><td>0</td><td>3333</td></tr>
<tr><td>Jul-24</td><td>3759</td><td>0</td><td>3759</td></tr>
<tr><td>Aug-24</td><td>3639</td><td>0</td><td>3639</td></tr>
<tr><td>Sep-24</td><td>3009</td><td>0</td><td>3009</td></tr>
<tr><td>Total</td><td>22680</td><td>0</td><td>22680</td></tr>
<tr><td>Avg/Day</td><td colspan="3">123.93</td></tr>
</table>
</td>
</tr>
<tr>
<td>iv.</td>
<td>Total 396.5 KLD of wastewater will be generated from existing as well as from proposed facility form Leachate of landfill and effluent from various sources like scrubber, washings from lab, drum washing, and cooling water blow down. It shall be treated in existing Multiple Effect Evaporator (MEE) plant. CETP facility shall only be used whenever entire MEE plant is put in maintenance as per SOP.</td>
<td>Noted and complied.
• After Amendment the Total wastewater generation is 470.5 KLD out of which 26 KLD is from Domestic & 444.5 KLD is from industrial purposes. Leachate is treated in MEE. The condensate is treated in ETP and is used in quencher/drum washing or sent to ETL.
• Leachate and condensate Generation data are as below:
<table>
<tr><td>Month</td><td>Leachate (Treated in MEE) (KL)</td><td>Condensate (Sent to ETL/treated in ETP)</td></tr>
<tr><td>Apr-24</td><td>1369.00</td><td>2349</td></tr>
<tr><td>May-24</td><td>1411.00</td><td>2642</td></tr>
<tr><td>Jun-24</td><td>1700.00</td><td>3428</td></tr>
<tr><td>Jul-24</td><td>2253.00</td><td>3400</td></tr>
<tr><td>Aug-24</td><td>2288.00</td><td>2819</td></tr>
<tr><td>Sep-24</td><td>2001.00</td><td>3057</td></tr>
<tr><td>Total</td><td>11022</td><td>17695</td></tr>
<tr><td>Avg (KLD)</td><td>60.56</td><td>96.694</td></tr>
</table>
</td>
</tr>
</table>

v.	As proposed total greenbelt at 36.14% (14.68% existing + 21.46% capped SLF area) of the total plot area shall be maintained.	**Complied.** Green belt is developed in total 41076.95 sq. mt to mitigate the impacts on the overall air quality at the site. The layout of the green belt within the premises is attached as **Annexure – 10**. Additionally, we have taken land in the nearby village, namely Sengpur. wherein we shall carry out greenbelt activities to comply with the statutory requirement. The approval letter received for forestation from the village of Sengpur is attached as **Annexure-10(A).**
vi.	The landfill operating area should be kept covered during the monsoon period. During monsoon period, waste shall be collected and temporally stored in the covered storage provided at site.	**Complied.** At the landfill site, the Operational landfill site is covered with tarpaulin to prevent the seepage of rainwater during monsoon season the collected waste is stored in the temporary storage shed.
vii.	Periodic inspection and routine maintenance at closed landfill site shall be carried out for a period, as proposed i.e. 30 years of closure. A maintenance schedule is to be drawn up in consultation with concerned SPCB. Such schedule should cover, inter- alia, cover system, detection of rupture/ faults, surface water drainage system etc.	**Noted and shall be complied.**
viii.	The Project proponent should ensure that the facility fulfils all the provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 & the Protocol for 'Performance Valuation and Monitoring for the same as published by the CPCB and Bio-Medical Waste Management Rules, 2016 and the revised guidelines issued by CPCB for Common Bio-Medical Waste Treatment and Disposal Facility. A tracking system for the movement of Hazardous Waste from the generator to the facility site shall be put in place.	**Noted.**
ix.	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.	**Noted.**

<table>
<tr><td>x.</td><td>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. Periodical ground water/soil monitoring to check the contamination in and around the site shall be carried out.</td><td>Complied.
We have 12 monitoring wells installed in the existing site.</td></tr>
<tr><td></td><td></td><td>We carry out groundwater and soil monitoring once in a Month through 3rd party in and around the site to check any contamination, the results of which are attached as Annexure 4 and average results are attached as Annexure 5.</td></tr>
<tr><td>xi.</td><td>Trend analysis of groundwater quality shall be carried out each season and information shall be submitted to the SPCB and the Regional Office of MoEF&CC.</td><td>Complied.
The trend analysis of ground water quality for April’24 to September’24 is attached as Annexure- 5(A).
Moreover, we have carried out a trend analysis of groundwater results through NPC New Delhi. Report submitted.</td></tr>
<tr><td>xii.</td><td>Ambient air quality monitoring shall be carried out in and around the landfill site at up wind and downwind locations. On-line real-time continuous monitoring facilities shall be provided as per the CPCB or State Board Directions.</td><td>Complied.
CAAQMS system is also installed at the site. We are carrying out Ambient Air Quality Monitoring in and around the premises covering upwind and downwind directions.</td></tr>
<tr><td>xiii.</td><td>As proposed, onsite and off-site disaster management plan shall be operationalized in consultation with district-level authority 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.</td><td>Complied.
BEIL has prepared an on-site Emergency plan, and it is updated annually. An onsite emergency plan is including points like hazard identification and risk analysis, organization setup, communication system, action on site, link with an offsite emergency plan, training rehearsals, and record aspects, offsite effects of any emergency, the duties and functions to control any emergency, etc. Mock drills are also being conducted.</td></tr>
<tr><td>xiv.</td><td>As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 01.05.2018, and as proposed, a fund of Rs. 0.8257 Crores shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as Solar lights in adjacent villages, Construction of Toilets under Swatch Bharat Abhiyan, Construction of Water harvesting structures 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</td><td>Complied.
<table>
<tr><td>F.Y.</td><td>Activities</td><td>Affected area</td><td>Amount (Rs.)</td></tr>
<tr><td rowspan="3">2021-22</td><td>Amount spent on Education</td><td>Ankleshwar</td><td>5,60,000</td></tr>
<tr><td>Amount spent on Health</td><td>Jitali</td><td>51,012</td></tr>
<tr><td>Amount spent on solid waste mgt. projects</td><td>Dadhal</td><td>1,32,000</td></tr>
<tr><td>2021-22</td><td>Amount spent on Health</td><td>Ankleshwar</td><td>5,60,000</td></tr>
<tr><td></td><td>Amount spent</td><td>Jitali</td><td>41,862</td></tr>
</table></td></tr>
</table>

	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.			on Health		
				Amount spent on Health	Jitali	9,04,000
				Amount spent on Education	Ankleshwar	50,00,000
				Total		91,88,874

B. Standard Condition:

I.	**Statutory Compliance:**	
i.	The Project proponent should ensure that the TSDF fulfils all the provisions of Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016.	**Noted.**
ii.	The 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 WHRB attached to our Incinerator plant from which we are using the steam generated in our MEE Plants.
iii.	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.	**Complied.** The certificate is attached as **Annexure-19**.
iv.	All other statutory clearances such as the approvals for storage of diesel from the Chief Controller of Explosives, Fire Department, and Civil Aviation Department, shall be obtained, as applicable by project proponents from the respective competent authorities.	**Complied.** • The existing site is in the notified GIDC area and already has applicable clearance/ permissions from the respective authority. • Permission from the Civil Aviation Department etc. is not required as our existing site is already in the notified GIDC area.
I.	**Air quality monitoring and preservation:**	
1.	The project proponent shall install a 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.** • An online stack monitoring system (CEMS) has been installed, the results of which are transmitted to GPCB/CPCB. • Calibration is done on a regular basis.
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.**

3.	The project proponent shall install a system to carry out 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.** • For ambient air monitoring we have 4 Monitoring stations. • 3 stations are at an angle of 120 and one station is at the plant area.
4.	Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions.	**Complied.**
5.	The project proponent shall submit a 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 the Regional Office of MoEF&CC, Zonal office of CPCB, and Regional Office of SPCB along with six-monthly monitoring report.	**Complied.** The continuous stack emission monitoring results and air quality monitoring results are attached as CEMS SPD results as **Annexure – 20** & CEMS Incineration results as **Annexure – 21** and manual monitoring results are submitted in protocol (quarterly) and in EC compliance (Half yearly).
6.	Appropriate Air Pollution Control (As proposed, air pollution control device viz. gas quencher; treatment with a 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 carryover 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 provided an appropriate air pollution control system in our existing plant.
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 are monitoring Dioxins and Furans in the Stacks emissions quarterly. We are attaching herewith a report as **Annexure-6(A).**
8.	Gas generated in the Landfill should be properly collected, monitored and flared	**Complied.** We are monitoring the vents provided at the closed portion of the landfill

		every month and the concentrations of hydrocarbons are negligible. The results are attached as **Annexure-15**.
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.	**Noted.** GIDC has provided wide roads in the estate and there is no traffic congestion.
II.	**Water Quality monitoring and preservation:**	
1.	The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	**Not Applicable.** We are not discharging any effluent.
2.	No discharge in nearby river(s)/pond(s).	**Complied.** No discharge in the nearby rivers and ponds.
3.	The depth of the landfill site shall be decided based on the groundwater table at the site.	**Complied.** The landfill is being developed as per CPCB criteria & approved drawings before starting the construction work of the cell. The depth of the water table for the existing site is around 30 meters, and we have gone up to 7 meters below the surface level. Hence, fulfilling the criteria of CPCB guidelines.
4.	The Company shall ensure proper handling of all spillages by introducing spill control procedures for various chemicals.	**Complied.**
5.	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.	**Complied.** Generated leachate from the landfill we are treating in the MEE Plant. We have received CC&A (AH-126200) for an

		ETP (MAP+ RO) capacity of 150 KLD for the treatment of condensate. TCLP test is performed.
6.	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 are a ZLD unit. We have received CC&A for the installation of 150 KLPD ETP for treatment of MEE condensate water, dated: 22.08.2023.
7.	Scrubber water, leachate water or wheel wash effluent shall be treated in the effluent treatment plant followed by RO to achieve zero liquid discharge.	**Complied.** We are treating Scrubber water, leachate water, or wheel wash effluent in MEE. We have received CC&A (AH- 126200) for an ETP (MAP+ RO) capacity of 150 KLD for the treatment of condensate to achieve ZLD.
8.	Rainwater runoff from hazardous waste storage area shall be collected and treated in the effluent treatment plant	**Complied.**
III.	**Noise Monitoring prevention:**	
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. The company is also carrying out monitoring through third parties of noise level etc. as per norms laid down by CPCB.
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.	**Noted and complied.**
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.	**Noted and complied.**
IV.	**Energy Conservation measures:**	
1.	Energy conservation measures like installation of LED/CFLs TTFLs 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.**
V.	**Waste Management:**	
1.	The TSDF should only handle the waste generated from the member units.	**Noted and complied.**

2.	Periodical soil monitoring to check the contamination in and around the site shall be carried out.	**Complied.** We carry out soil monitoring once in a Month through 3rd party, the results are **Annexure 4**.
3.	The Project proponent shall not store the Hazardous Wastes more than the quantity that has been permitted by the CPCB/SPCB.	**Noted.**
4.	The solid wastes shall be segregated, managed and disposed as per the norms of the Solid Waste Management Rules, 2016.	**Not Applicable.**
5.	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.	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.**
VI.	**Green Belt**	
1.	Green belt shall be developed in an area as provided in project details, with native tree species in accordance with the Forest Department. The greenbelt shall inter alia cover the entire periphery of the project site.	**Complied.** Green belt is developed in total 41076.95 sq. mt to mitigate the impacts on the overall air quality at the site. The layout of the green belt within the premises is attached as **Annexure 10**. Additionally, we have taken land in the nearby village namely Sengpur. wherein we shall carry out greenbelt activities to comply with the statutory requirement. The approval letter received for forestation from village Sengpur is attached as **Annexure-10(A)**.
2.	Topsoil shall be separately stored and used in the development of green belt.	**Complied.**
VII.	**Public hearing and Human health issues:**	
1.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	**Complied.** BEIL has prepared an On-site Emergency plan, and it is updated annually. An on-site emergency plan includes points like hazard identification and risk analysis, organization setup, communication system, action on site, link with an

		offsite emergency plan, training rehearsals and record aspects, offsite effects of any emergency, the duties and functions to control any emergency etc. Mock drills are also being conducted. On-site Emergency Plan submitted to DISH inward letter copy is attached as **Annexure 08.**
2.	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.	**Not Applicable.**
3.	Occupational health surveillance of the workers shall be done on a regular basis.	**Complied.** We check the hemoglobin of every employee quarterly and a full body check-up once in a year.
VIII. Corporate Environment Responsibility:		
1.	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 shareholders / 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.	**Noted and shall be complied.**
2.	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.** • The company has separate Environmental Management cell. Vice president (VP) – Operation, Environmental lab head, are directly reporting to Chief executive officer/ Director. • Details of the people engaged in the Environment cell are as below: ✓ Mr. Manoj Patel: VP– Operation (BE Civil) ✓ Ms. Rakshita Vyas: - DGM-Environment (PGD- Environment) ✓ Mr. Narendra Patel: Head, Environment Lab. ✓ Mr. Chirag Vasoya: Executive –

		Environment (BE Environment) ✓ Nirjal Patel: Officer- Environment (BE Environment) ✓ Khushboo Patel: Officer - Environment (BE Environment) ✓ Jaydeep Kushwaha: Trainee – Environment (BE Environment) • Corporate Environment Cell: ✓ Mr. B.D. Dalwadi - CEO - (BE – Chemical) ✓ Dr. P N Parameswaran: Advisor – Environment
3.	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 **Annexure – 7**. • A separate account (Escrow account) is maintained for environmental protection. These funds are not diverted for any other activity. The details are submitted quarterly.
4.	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 a third party on half yearly basis and the same is summitted to the State pollution control board (GPCB).
IX.	**Miscellaneous:**	
i.	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.** Advertisement Published in Times of India (English Language) and Divya Bhaskar (Gujarati Language). The Same has been informed to MoEF&CC Regional Office Bhopal, GPCP Gandhinagar and GPCB regional Office Ankleshwar vide Letter # BEIL/ANK/2020-21/47 Dated 19.11.20 and the same as attached as **Annexure – 17.**

ii.	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.** We had marked a copy of the clearance letter to all the concerned authorities. Same is attached as **Annexure – 22**.
iii.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly. basis.	**Complied.**
iv.	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.**
v.	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.	**Complied.**
vi.	The criteria pollutant levels namely, $PM_{2.5}$ PM_{10}, SO_2, 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 a digital display board in front of our main entry gate which displays all required data and monitoring parameters results.
vii.	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 SPCB is informed from time to time about the status of the project.
viii.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	**Noted.**
ix.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and that during their presentation to the Expert Appraisal Committee.	**Noted.**
x.	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.**
	Concealing factual data or submission of false/fabricated data	

xi.	may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	**Noted.**
xii.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	**Noted.**
xiii.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time-bound manner shall implement these conditions.	**Noted.**
xiv.	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 and shall be complied.**
xv.	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.**
xvi.	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.**
7	The Environmental Clearance is granted to M/s. Bharuch Enviro Infrastructure Limited for expansion; namely, to develop additional capacity (13,40,000 MT) of secured landfill (Phase IV) of Integrated Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) in the space of 8,90,000 m^3 at plot number 9701-9716, GIDC Ankleshwar.	**Noted.**
8	This issues with the approval of the competent Authority.	**Noted.**

ANNEXURE-1

Compliance hazardous waste and other waste (management and Transboundary movement) rules 2016 are as under:

16. Treatment, storage and disposal facility for hazardous and other wastes		
Sr.	**Rule**	**Status**
1	The State Government, occupier, operator of a facility or any association of occupiers shall individually or jointly or severally be responsible for identification of sites for establishing the facility for treatment, storage and disposal of the hazardous and other waste in the State.	**Noted.**
2	The operator of common facility or occupier of a captive facility, shall design and set up the treatment, storage and disposal facility as per technical guidelines issued by the Central Pollution Control Board in this regard from time to time and shall obtain approval from the State Pollution Control Board for design and layout in this regard.	**Complied.** The design of the landfill is as per the guidelines of the central pollution control board i.e. complying with all locations, planning – design, phase operation,liner system, closure and post-closuremaintenance plan, site infrastructure,environment monitoring system, financial assurance, etc. criteria along with leachate collection arrangement and treatment facility.The designs are also approved by IIT Delhi and submitted to GPCB. Compliance of the central pollution control board guidelines are attached as **Annexure 2**.
3	The State Pollution Control Board shall monitor thesetting up and operation of the common or captive treatment, storage and disposal facility, regularly.	**Complied.** GPCB visits our facility every month.
4	The operator of common facility or occupier of a captive facility shall be responsible for safe and environmentally sound operation of the facility and its closure and post closure phase, as per guidelines or standard operating procedures issued by the Central Pollution Control Board from time to time.	**Complied.** Landfill operation, closure and post closure is done according to the guideline of CPCB.
5	The operator of common facility or occupier of acaptive facility shall maintain records of hazardous and other wastes handled by him in **Form 3.**	**Complied.** All relevant details are maintained as per **Form 4**(Annual Return).
6	The operator of common facility or occupier of a captive facility shall file an annual return in **Form 4** to the State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates.	**Complied.** We are submitting **Form – 4** (Annual Return) for each financial year.
18. Transportation of hazardous and other wastes. -		
1	The transport of the hazardous and other waste shall be in accordance with the provisions of these rules and the rules made by the Central Government under the Motor Vehicles Act, 1988 and the guidelines issued by the Central Pollution Control Board from time to time in this regard.	**Complied.** We have ensured that the transportation of the hazardous waste is done according to the guidelines. All transporters are registered.

2	The occupier shall provide the transporter with the relevant information in **Form 9,** regarding the hazardous nature of the wastes and measures to be taken in case of an emergency and shall label the hazardous and other wastes containers as per **Form 8**.	**Complied.** A proper Labeling system and TREM Card are provided to the transporter. An online manifest systemis followed.
4	In case of transportation of hazardous and other waste for recycling or utilization including co-processing, the sender shall intimate both the State Pollution Control Boards before handing over the waste to the transporter.	**Complied.** For trial run purposes an intimation letter is given to both the SPCBs.
5	In case of transit of hazardous and other waste for recycling, utilization including co- processing or disposal through a State other than the States of origin and destination, the sender shallgive prior intimation to the concernedState Pollution Control Board of the States of transit before handing over the wastes to the transporter.	**Complied.** An intimation letter is given to all the SPCBs involved.
6	In case of transportation of hazardous and other waste, the responsibility of safe transport shall be either of the sender or the receiver whosoever arranges the transport and has the necessary authorization for transport from the concerned State PollutionControl Board. This responsibility should be clearly indicated in the manifest.	**Noted and has been followed.**
7	The authorization for transport shall be obtained either by the sender or the receiver on whose behalf the transport is being arranged.	**Complied.** We have authorized vehicles that are equipped with a VLTS-GPS system and are being used for the Transportation of Hazardous waste from memberIndustries to TSDF.

Annexure-2

Compliance of CPCB Criteria for Hazardous waste landfill

No.	Conditions	Status
1.	Location Criteria: - Lake or Pond : 200 Mtrs - River : 100 Mtrs - Flood plain : 100 years - Highway : 500 Mtrs - Habitation : 500 Mtrs - Public Parks : 500 Mtrs - Critical habitat Area : No landfill - Wet Lands: No landfill - Airport : No Landfill - Water Supply: 500 Mtrs - Coastal Regulation Zone : No landfill - Ground Water table level:< 2 meters below the base	**Complied.** Landfill is located in Ankleshwar GIDC Estate fulfilling all the criteria mentioned in the guidelines. • Nearest railway station is at about 2.4 km (NE), Dadhhal. • Nearest river is at about 1.15 km (E), Kondh ki Khadi. • Nearest village is at about 1.2 km (ENE), Jitali. • Nearest airport is at about 63km (SW), Surat. • Nearest highway is at about 5 km (W), NH No.8.
Planning And Design criteria:		
2.	1. Essential Components: - Liner System at base and sides of landfill - A leachate collection and treatment facility - Gas collection and treatment facility - Final cover system at top - Surface water drainage system - Environmental monitoring system - Closure and post closure plan	**Complied.** Appropriate base and side liners has been provided according to the criteria. Leachate collection wells (6 for Phase I, 7 for Phase II and 3 for Phase III) has been provided for collecting leachate and 3 for phase – IV is designed, which further send to MEE or ETP(after commissioning) for treatment. Adequatenos. of vents have been provided for gasmonitoring. Surface water drainage system is provided.
	2. Phased Operation: - During the monsoon months the waste may stockpiled in a temporary holding area (covered with roof). During this period and the landfill may be kept capped with final cover/ intermediate cover and landfill operations suspended to reduce infiltration of rainwater into the landfill.	**Complied.** Landfill site operation is being suspended during the 4 months of monsoon. We have separate storage shed. Which is also having same side and base lines system provided with roof. Landfill which is in operation is covered with tarpaulin during monsoon period.

	3. Liner system: - Leachate control within a landfill involves the following steps: Prevention of migration of leachate from landfill sides and landfill base to the subsoil by suitable liner system; and 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.	**Complied.** A proper base and side liner have been provided according to the criteria. The drainage system is also provided to avoid infiltration ofsurface water.
	4. Leachate Management: - Offsite Treatment - Onsite Treatment - Recirculation	**Complied.** Leachate collection wells (6for Phase I, 7 for Phase II and 3 for Phase III) has been provided, 3 for phase IV shall be provided and collected leachate is treated onsite in MEE or ETP treatment.
	5. Gaseous Emission Management: - Controlled passive venting - Controlled collection and treatment	**Complied.** Adequate nos. of vents have been provided to collect and monitor the generation of gas.
	6. Final Cover System	**Complied.** • Phases I & II have been partially opened (Phase – I is now a part of Phase – IV, therefore top cover of Phase – I is re-opened for leveling and disposal of new landfillable waste of Phase IV) • Phase III is Partially in operation. • Currently Phase IV is in Operation.
	7. Site Infrastructure: - Site Entrance and Fencing. - Administrative and Site Control Offices - Access Roads - Waste Inspection and Sampling Facility. - Equipment Workshops and Garages. - Signs and Directions - Water Supply - Lighting - Vehicle Cleaning Facility - Fire Fighting Equipment	**Complied.** All the facilities like site entrance and fencing, administration, site control offices, access roads, waste inspection, sampling facility, water supply, lighting, vehicle cleaning facility, firefighting equipment, signs and directions, etc., have been provided.
	8. Environment Monitoring System:	**Complied.** • Regular monitoring of leachate quality, air quality, and noise is being carried out. • Monitoring of groundwater, leachate, VOC generation, ambient air monitoring, and noise monitoring has been conducted on a regular basis.
	9. Closure and post closure maintenance plan	**Complied.** • Phases I & II have been partially opened (Phase – I is now a part of Phase – IV, therefore top cover of Phase – I is re-opened for leveling and disposal of new landfillable

		waste of Phase IV) • Phase III is Partially in operation. • Currently Phase IV is in Operation.

3.	Waste Acceptance Criteria	**Complied.** On arrival of any waste, it is first analyzed, and if it follows GPCB/CPCB waste acceptance criteria then and only then it is accepted.
4.	Construction and operational Criteria: - Site Development - Phase development - Phase operation - Phase closure - Landfill closure - Post closure vegetative stabilization	**Complied.** Proper facilities wise for site development like record keeping for site manual, site reports, vehicle inspection is provided.
5.	Inspection, Monitoring and record keeping criteria: - During construction of liners and covers - During operation - During closure and post closure period - Environmental Monitoring System	**Complied.** Regular inspections of liners and covers were conducted during the construction phase Of the landfill. An adequate environmental monitoring system has been provided.
6.	Financial Assurance Criteria	**Complied.** We are regularly maintaining-escrow accounts for financial assurance criteria to meet the closure and post-closure activity of the landfill.
7.	Contingency Plan for Emergency	**Complied.** We are having onsite emergency plan, which is updated on yearly basis and submitted to GPCB, RO.

Annexure-03

BEIL Infrastructure Limited

Compliance Status for Consent To Establish (NOC) No GPCB/CE/BRCH/NOC-3354[CCA-167(5)/14483 DATED 22nd May, 2007

Without Prejudice to the powers of this Board under the water (Prevention and Control of Pollution) Act-1974. the Air Act – 1981 and the Environment (Protection) Act-1986 and without reducing your responsibilities under the said Acts in any way this is to inform you that this Board grants Consent to Establish (NOC) for expansion of common incinerator plant along with HeatRecovery System & Evaporation System at new Notified site for TSDF at plot No. 9601 to 9604,10001 to 10003 G-7 & 8, 7924 to 7927, 9401 to 9412, 9501 to 9506, 7906 E to H, 9901 to 9908 & 9923 to 9928, GIDC Ankleshwar Dist. Bharuch the Following items.

The Validity period of the order will be Five Years from date of issue.

Sr. No.	Item	Capacity	Status
1	Common incineration Facility Along with Heat Recovery System & Evaporation System.	Thermal Capacity 5 to 10 T/Hr (25 Million Kcal / Hr.)	Received CC & A.

SUBJECT TO THE FOLLOWING SPECIFIC CONDITIONS:

(If ECC as per 14.9.2006 Notification is applicable only)

Sr. No.	Item	Status
1	Applicants have to obtain the Environmental Clearance from the relevant authority by 30.6.2007 since this project requires EIA clearance as per the EIA notification 2006 dated 14.9.2006.	Complied. Environmental clearance obtained No .10-48/2007IA-III Dated 4th March ,2008
2	In the mean time, unit can carry on with commencement of the project activities.	Complied.
3	Unit not seeking clearance under EIA-notification 2008 by 30.6.2007 will be treated as violation under section 15 of Environment (Protection) Act. 1986.	Noted.
4	Applicant shall comply with all the conditions stipulated by SEIAA / MOEF&CC in the order of Environment clearance as and when issued.	Complied.
5	Unit shall strictly follow the CPCB guideline for common incinerator, Publisher time to time.	Complied. We are strictly following the CPCB guidelines for common incinerator, publisher time to time.

CONDITIONS UNDER WATER ACT. 1974.

1	Wastewater generated from Quencher (evaporative cooler) & wet scrubber of incinerator shall not exceed 67 m^3/day (existing 30 m^3/day from proposed incinerator) which shall be sent to CETP of M/s ETL Ankleshwar for treatment OR it will be treated in a proposed evaporation system at site and generated	Complied. Wastewater generated from Quencher (evaporative cooler) & wet scrubber of incinerator is not exceeding than consent We have installed Multiple Effect Evaporator to treat the effluent/leachate

	salt shell be proposed at land filling site at BEIL.	generated from the landfill. Effluent / Leachate generated from the landfill is evaporated and generated condensate is treated in ETP to achieve ZLD and generated salt is being dumped at BEIL. In case of shutdown/maintenance of MEE of M/s. BEIL., Ankleshwar, Leachate/ Effluent shall be sent to MEE of BEIL, Dahej and/or sent to M/s ETL for treatment and disposal. We have installed Multiple Effect Evaporator to treat the effluent/leachate generated from the landfill. Effluent / Leachate generated from the landfill is evaporated and generated condensate is treated in ETP to achieve ZLD and generated salt is being dumped at BEIL. In case of shutdown/maintenance of MEE of M/s. BEIL., Ankleshwar, Leachate/ Effluent shall be sent to MEE of BEIL, Dahej and/or sent to M/s ETL for treatment and disposal.
2	The quantity of the domestic wastewater (sewage) shall be nil.	Complied. The quantity of the domestic wastewater is nil.
3	The applicant shall operate the incinerator at a temperature at 1100 °C ± 100° with gas residence time of 2 (two) seconds at the post combustion chamber when the chlorine content is less than 1% when the chlorine content is more than 2% the temperature maintained will be 1200 °C ± 100 °C.	Complied. We are operating the incinerator at a temperature at 1100º C ± 100º C with gas residence time of 2 seconds at the post combustion chamber when the chlorine content is less than 1%, when the chlorine content is more than 2% the temperature is maintained at 1200 °C ± 100 °C.
4	The applicant shall be required to make storage facilities to store the effluent for at least 48 hours by providing acid proof brick lined impervious tanks/HDPE tanks.	Complied. We have made storage facilities to store the effluent for at least 48hours by providing acid proof brick lined

		impervious tanks/HDPE tanks.
5	The applicant shall make fixed arrangement for loading the effluent from their collection tanks to the tanker of ETL. The unit shall not keep any by-pass line or system or loose or flexible pipeline for loading the effluent into the tanker of ETL.	Complied. We had made fixed arrangement for loading the effluent from their collection tanks to the tankers of ETL.
6	Leachate from the hazardous solid waste, if any shall also be connected into a collection tank through leachate collection. facilities and shall be conveyed along with industrial effluent to the CETP of ETL.	Complied. Leachate are collected separately in leachate collection wells and sent to MEE or ETL for further treatment.
7	Magnetic flow meters shall be installed at the inlet & outlet of effluent collection tanks/ETP to measure the quantity of effluent lifted into the tanker of ETL.	Complied. Magnetic flow meters are installed at the inlet & outlet of effluent collection tanks/ETP to measure the quantity of effluent liquid into the tankers of ETL.
8	The ENTIRE quantity of industrial effluent shall have to be conveyed by ETL. In no circumstances the effluent either treated or untreated shall be discharged into GIDC drain or any where ease.	Complied. Effluent generated from the industry is treated in MEE or sent to ETL for further treatment. No untreated effluent is discharged into GIDC drain or anywhere else.

9	Disposal system for storm water shall be provided separately. In no circumstances storm water shall be mixed with the industrial effluent.	Complied. Storm water collection and disposal system is provided separately. Storm water is not being mixed with industrial effluent.
10	The applicant shall be responsible for loading its effluent into the tankers of the ETL for transporting the effluent. Due care shall be taken to avoid any leakage or spillage of effluent during loading the tanker.	Complied. Separate loading arrangement system is provided
11	If the effluent contains heavy metals, phenols & cyanide, the ETL member unit shall have to treat the effluent within its premises to conform to be following standards (whichever applicable)	Complied.

PARAMETERS	PERMISSIBLE LIMIT	
Zinc (Zn)	5.0 mg/l	All parameters are well within limit.
Total Chromium	2.0 mg/l	
Nickel (Ni)	3.0 mg/l	
Mercury (Hg)	0.01 mg/l	
Cyanide (as CN)	0.2 mg/l	
Pesticides	Absent	
Phenolic Compounds	1.0 mg/l	
Lead (Pb)	0.1 mg/l	
Copper (Cu)	3.0 mg/l	
Hexavaient Chromium	0.1 mg/l	
Cadmium (Cd)	1.0 mg/l	
Arsenic (As)	0.2 mg/l	
Selenium	0.05 mg/l	

12	The applicant shall keep accurate records of quantity of production of each product. Quantity of water consumption, quantity of effluent generated and consumption or electricity on day-to-day basis and required to submit the complied record of one month to GPCB & ETL on or before fifth day of the succeeding month.	Complied.
13	In case of shutdown of plant for more than three days for any reason, the ETL unit member shall intimate to ETL authority & GPCB well in advance for the better operation & management of CETP.	Noted
14	The applicant shall either stop or curtail its production activities if the effluent is not adequately treated by the CETP of ETL to conform to the standards specified by GPCB.	Noted
15	The authorized representative of ETL shall have right of entry at any time for the purpose of inspection and monitoring the effluent collection facilities ETL (if required) of the applicant.	Noted
16	In case of incinerators, the flow measuring devices for mother liquor/toxic effluent / non-biodegradable effluent, light diesel oil, Furnace oil, etc i.e. Fuel used for combustion, air used for combustion shall be separately provided. Incinerator temperature recording devices as well as gaseous flow measuring devices for scrubber shall be provided. These data of temperature & flow should be recordedevery day & submitted to GPCB & ETL on monthly basis.	Complied.
17	The GIDC drainage connection given by the GIDC for discharge of industrial effluent shall be disconnected & the outlet shall be sealed.	Complied.
18	If the ETL authority terminates the membership of CETP, the ETL member unit shall have to close down the manufacturing activities. Industrial operation of the process plant immediately unit the ETL membership is resumed.	Noted

CONDITIONS UNDER AIR ACT 1981:

19	The following shall be used as fuel in the boiler/incinerator as following rates	

Sr. No.	Name of Fuel	Quantity	
1	Natural Gas	14000 to 16000 Nm^3/day	Noted
2	Diesel in D.G. set of 1000 KVA Capacity	225 Ltr/Hr.	Noted

20	The applicant shall install & operate air pollution control system in order to achieve norms prescribed below.	Noted
21	The flue gas emission through stack shall conform to the following standards.	Noted

Stack No.	Stack attached	Stack height in Meter	Parameter	Permissible Limit
1	D.G. Set	11	Particulate matter SO_2 NO_2	150 mg/NM^3 100 ppm 50 ppm

22	There shall be no process emission from the manufacturing process as well as any other ancillary process.	Complied.
23	Stack monitoring facilities like port hole, platform / adder etc, shall be provided with stacks / vents chimney in order to facilitate sampling of gases being emitted into the atmosphere.	Complied.
24	The process emission through various stacks / vents of reactors. Process vessel shall conform to the following standards.	Complied.

Stack No.	Stack attached	Stack height in Meter	Air Pollution Control system	Parameter	Permissible Limit
1	Common Incinerator	45	Quencher, Caustic Scrubber bag Filter	Particulate Matter SO_2 NO_x HCL Chlorine Ammonia H_2S Mercaptan CO Hydrocarbon Dioxins Furans TOC HF Cd + Th (& its Compound) Hg (& its – 0.05 Mg/NM^3) Syo + As + Pb + Cr + Co + Cu + Mn + Ni + V (& their compounds)	 50 mg/NM^3 200 mg/NM^3 400 mg/NM^3 50 mg/NM^3 9 mg/NM^3 175 g/NM^3 45 mg/NM^3 0.8 by volume 100 mg/NM^3 15 mg/ NM^3 0.1ng/TEQ/NM^3 0.1ng/TEQ/NM^3 20 mg / NM^3 4 mg / NM^3 0.06 mg / NM^3 0.5 mg / NM^3
25	Stack monitoring facilities like port hole platform/ladder etc shall be provided with stacks/vents chimney in order to facilities sampling of gases being emitted into the atmosphere.				Complied.
26	Ambient air quality within the premises of the industry shall conform to the				Complied.

	following standards.		
PARAMETERS		**PERMISSIBLE LIMIT**	
Suspended Particulate Matter		500 Microgram/M^3	All parameters are well within limit.
RSPM		150 Microgram/M^3	
SO_2		120 Microgram/M^3	
NO_x		120 Microgram/M^3	
HCL		200 Microgram/M^3	
CL_2		100 Microgram/M^3	
Ammonia		850 Microgram/M^3	
Hydrocarbon		160 Microgram/M^3	
H_2S		500 Microgram/M^3	
HF		60 Microgram/M^3	
CO		5000 Microgram/M^3	
CS_2		2000 Microgram/M^3	
27	All measures for the control of environmental pollution shall be provided before commencing production.		Complied.
28	The Fly ash generated from incinerator will be collected & disposed off in TSDF of BEIL		Complied.

CONDITIONS UNDER HAZARDOUS WASTE:

29	Applicant shall have to comply with provisions of hazardous waste (Management & Handing) Rule-1989 as amended from time to time.	Complied.
30	The applicant shall obtain membership of common TSDF site for disposal of Haz. Waste as categorized in Hazardous Waste (Management & Handing) Rule-1989 as amended from time to time.	Not applicable
31	The applicant shall obtain membership of common Haz. Waste incinerator for disposal of incinerable waste.	Not applicable
32	The applicant shall provide temporary storage facilities for each type of Haz. Waste as per Haz. Waste (Management & Handing) Rule-1989 as amended from time to time.	Complied. Impervious storage facility for Incinerable Hazardous waste is provided

GENERAL CONDITION:

33	If will keep necessary, record of incineration of waste (quantity &quality / category wise)	Complied.
34	Floor washing, if any should be replaced by mopping with saw dust which should finally be incinerated.	Complied.
35	Proper operation and maintenance of the pollution control measures provided is essential, hence the industry should strain the personnel. for operation and maintenance of pollution control system.	Complied.
36	The house keeping which is very important in overall environmental management hence the industry is required to provide pucca flooring within the plant and proper tank for collection of wastewater if any & same shall be incinerate.	Complied.
37	The industry is required to monitor ground water quality in and around the plant premises to check its contamination through leachatedue to improper handling of solid waste.	Complied.
38	Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is at least 1000 trees per acre of land and a green belt of 10 meters width is developed.	Complied.
39	The applicant shall have to submit the returns in prescribed form regarding water consummation and shall have to make payment of	Complied.

	water cess to the Board under the waste cess Act. 1977.	
40	In case of change of ownership/management the name and address of the new owners/partners/directors/proprietor should immediately be intimated to the Board.	Noted.
41	The applicant shall however not without the prior consent of the board bring into use any new or altered outlet for the discharge of effluent or gaseous emission or sewage waste from the proposed industrial plant. The applicant is required to make applications to this board for this purpose in the prescribed forms under the provisions of the water Act-1974, the air Act-1981 and the environment. (Protection) Act – 1986.	Noted.
42	The applicant also comply with the general conditions as per annexure –I attached herewith (No.1 to 38) (whichever applicable)	Noted and complied.
43	The concentration of noise in ambient air within the premises of industrial unit shall not exceed following levels. Between 6 A.M. and 10 P.M.: 75dB (A) Between 10 P.M. and 6 A.M.: 70dB (A)	Complied.

ENVIRONMENTAL MONITORING REPORT

[Period: April 2024]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA ENTERPRISE

Shop No: 306,308, Multilevel Shed: 2,
Opp.Kanoria Chemical, GIDC,
Ankleshwar-393002.

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Environmental Monitoring Plan
For M/s. BEIL Infrastructure Ltd. (Ankleshwar)
Plot No. 9701-9716, GIDC Estate,
Ankleshwar-393002, Dist: Bharuch.
By – Vasundhara Enterprise

Sr. No.	Environmental Component	Parameters	Location	Frequency	Monitoring Carried out in April - 2024
1.	Ambient Air Quality Monitoring	PM_{10}, $PM_{2.5}$, SO_x, NO_x, Cl_2, NH_3, H_2S, Ozone, Pb, Ni, As, HCL, HC, CO, C_6H_6, BaP.	03	Monthly	03
2.	Noise Location	Leq dB(A)	07	Monthly	07
3.	Ground Water Monitoring	Parameters: pH, Color, Conductivity, Turbidity, TSS, TDS, TOC, COD Total Hardness, Total Alkalinity, TKN, Chloride, Sulphate, Nitrate, Lead, Cadmium, Copper, Chromium, Mercury, Nickel, Cyanide, Arsenic, Manganese, Iron, Zinc, Fluoride, Pesticides (Organo Chlorine, Organo Nitrogen , Syntheti Pyrethroid, Carbamates), Calcium, Magnesium, Sodium, Potassium, Phosphate, Ammonical Nitrogen, BOD, Oil And Grease	12	Monthly	12

1.0 AMBIENT AIR QUALITY MONITORING REPORT



[Period: April 2024]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA ENTERPRISE

LABORATORY TESTING REPORT

Report No.: VE/AA/202404/0001			Date:		01/05/2024
URL No.: TC0958124000000101F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Sample Collection Date	:	27/04/2024	Sampling Type	:	Isokinetic Sampling
Sample Receipt Date	:	27/04/2024	Sample ID	:	AA/202404/0001
Sampling Location	:	Nr. On the roof of laboratory	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	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	29/04/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours)	:	24 Hrs.
Environmental Condition during the test			25°C ±3 °C		

Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM_{10}	$\mu g/m^3$	82.6	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	$\mu g/m^3$	28	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	$\mu g/m^3$	18.3	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	$\mu g/m^3$	22.7	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl_2)	$\mu g/m^3$	BDL	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH_3)	$\mu g/m^3$	0.2	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H_2S)	$\mu g/m^3$	BDL	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	$\mu g/m^3$	BDL	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	$\mu g/m^3$	BDL	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	$\mu g/m^3$	BDL	Not Specified	IS: 5182(Part 26): 2020

Verified By

VASUNDHARA ENTERPRISE Ankleshwar

Authorized Signatory

Head Office:
S-306 & 308, 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 TESTING REPORT

Report No.: VE/AA/202404/0001			Date:		01/05/2024
URL No.:--					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Sample Collection Date	:	27/04/2024	Sampling Type	:	Isokinetic Sampling
Sample Receipt Date	:	27/04/2024	Sample ID	:	AA/202404/0001
Sampling Location	:	Nr. On the roof of laboratory	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	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	29/04/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions 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.	Arsenic as As	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m³	1.15	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C_6H_6)	µg/m³	BDL	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m³	BDL	Not Specified	IS 5182 (Part 12):2004

----------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.

Verified By

VASUNDHARA ENTERPRISE • Ankleshwar

Authorized Signatory

Head Office:
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GIDC, Ankleshwar – 393002

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

LABORATORY TESTING REPORT

Report No.: VE/AA/202404/0002			Date:		01/05/2024
URL No.: TC0958124000000102F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Sample Collection Date	:	27/04/2024	Sampling Type	:	Isokinetic Sampling
Sample Receipt Date	:	27/04/2024	Sample ID	:	AA/202404/0002
Sampling Location	:	Nr. Oppo. of C6CW4 Detox Side	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	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	29/04/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours)	:	24 Hrs.
Environmental Condition during the test			25°C ±3 °C		

Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM_{10}	$\mu g/m^3$	84.3	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	$\mu g/m^3$	33	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	$\mu g/m^3$	22.7	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	$\mu g/m^3$	27.4	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl_2)	$\mu g/m^3$	BDL	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH_3)	$\mu g/m^3$	0.1	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H_2S)	$\mu g/m^3$	BDL	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	$\mu g/m^3$	BDL	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	$\mu g/m^3$	BDL	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	$\mu g/m^3$	BDL	Not Specified	IS: 5182(Part 26): 2020

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LABORATORY TESTING REPORT

Report No.: VE/AA/202404/0002			Date:		01/05/2024
URL No.:--					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Sample Collection Date	:	27/04/2024	Sampling Type	:	Isokinetic Sampling
Sample Receipt Date	:	27/04/2024	Sample ID	:	AA/202404/0002
Sampling Location	:	Nr. Oppo. of C6CW4 Detox Side	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	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	29/04/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions 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.	Arsenic as As	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m^3	0.87	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C_6H_6)	$\mu g/m^3$	BDL	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m^3	BDL	Not Specified	IS 5182 (Part 12):2004

----------**End Report**----------

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LABORATORY TESTING REPORT

Report No.: VE/AA/202404/0003			Date:		01/05/2024
URL No.: TC0958124000000103F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Sample Collection Date	:	27/04/2024	Sampling Type	:	Isokinetic Sampling
Sample Receipt Date	:	27/04/2024	Sample ID	:	AA/202404/0003
Sampling Location	:	Nr. Landfill Phase-4 near Security Tower	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	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	29/04/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours)	:	24 Hrs.
Environmental Condition during the test			25°C ±3 °C		

Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM_{10}	$\mu g/m^3$	86.4	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	$\mu g/m^3$	25.2	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	$\mu g/m^3$	21.9	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	$\mu g/m^3$	25.2	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl_2)	$\mu g/m^3$	BDL	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH_3)	$\mu g/m^3$	0.1	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H_2S)	$\mu g/m^3$	BDL	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	$\mu g/m^3$	BDL	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	$\mu g/m^3$	BDL	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	$\mu g/m^3$	BDL	Not Specified	IS: 5182(Part 26): 2020

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LABORATORY TESTING REPORT

Report No.: VE/AA/202404/0003			Date:		01/05/2024
URL No.:--					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Sample Collection Date	:	27/04/2024	Sampling Type	:	Isokinetic Sampling
Sample Receipt Date	:	27/04/2024	Sample ID	:	AA/202404/0003
Sampling Location	:	Nr. Landfill Phase-4 near Security Tower	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	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	29/04/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions 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.	Arsenic as As	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m^3	0.93	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C_6H_6)	$\mu g/m^3$	BDL	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m^3	BDL	Not Specified	IS 5182 (Part 12):2004

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

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3.0 NOISE LEVEL MONITORING REPORT



[Period: April 2024]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA ENTERPRISE

LABORATORY TESTING REPORT

Report No.: VE/AN/202404/0001			Date:		04/05/2024
URL No.: TC0958124000000100F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Sample Collection Date	:	26/04/2024	Sampling Type	:	Instrument Method
Sample Receipt Date	:	26/04/2024	Sample ID	:	AN/202404/0001
Sampling Location	:	Noise	Sample Description	:	Noise Monitoring
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring	:	IS 9989-1991
Analysis Started On	:	-	Analysis Completed On	:	-
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.	Parameter	Day Time	Night Time	Unit	Protocol Used for Analysis
Permissible Limit		**75**	**70**	**dB(A)**	-
1.	Nr. Main Gate	57.2	50.6	dB(A)	IS 9989-1991
2.	Nr. Incinerator Area	68.9	59.7	dB(A)	IS 9989-1991
3.	Nr. Lab Area	54.5	48.1	dB(A)	IS 9989-1991
4.	Nr. Admin Building	49.3	45.8	dB(A)	IS 9989-1991
5.	Nr. Truck Washing Area	58.7	51.5	dB(A)	IS 9989-1991
6.	Nr. Drum Storage Area	62.3	56.2	dB(A)	IS 9989-1991
7.	Nr. East of Incinerator Area	67.1	60.4	dB(A)	IS 9989-1991

----------**End Report**----------

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Authorized Signatory

VASUNDHARA ENTERPRISE ENVIRONMENT CONSULTANTS Ankleshwar

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Website : www.vasundharaenterprise.in

4.0 WATER QUALITY MONITORING REPORT



[Period: April 2024]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA ENTERPRISE

LABORATORY TESTING REPORT

Report No.: VE/W/202404/0001			Date:		04/05/2024
URL No.: TC0958124000000088F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	27/04/2024	Sampling Type	:	Grab
Date of Sample Received	:	27/04/2024	Sample ID	:	W/202404/0001
Sampling Location	:	New HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/05/2024
Type of Container	:	Plastic Container	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	7.84	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	8.25	Hazen	APHA 24th Edition 2120 C: 2022
3.	Conductivity	2198	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.98	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7.0	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1385	mg/L	APHA 24th Edition 2540- C: 2022
7.	Chemical Oxygen Demand	21	mg/L	IS 3025 (Part 58): 2006
8.	Total Hardness as CaCO3	336	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	292	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.8	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	325	mg/L	APHA 24th Edition 4500- Cl- B: 2022
12.	Sulphate (as SO4)	190.09	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	0.58	mg/L	IS 3025 (Part 34): 2022
14.	Fluoride	0.76	mg/L	APHA 24th Edition 4500- F- B & D: 2022
15.	Calcium (as Ca)	68	mg/L	APHA 24th Edition 3500- Ca-B: 2022
16.	Magnesium (as Mg)	40	mg/L	APHA 24th Edition 3500 Mg B: 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	486	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	5.5	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	9.6	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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LABORATORY TESTING REPORT

Report No.: VE/W/202404/0001			Date:		04/05/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	27/04/2024	Sampling Type	:	Grab
Date of Sample Received	:	27/04/2024	Sample ID	:	W/202404/0001
Sampling Location	:	New HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/05/2024
Type of Container	:	Plastic Container	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	1.4	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.1	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VE/W/202404/0002			Date:		04/05/2024
URL No.: TC0958124000000089F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	27/04/2024	Sampling Type	:	Grab
Date of Sample Received	:	27/04/2024	Sample ID	:	W/202404/0002
Sampling Location	:	HB-5	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/05/2024
Type of Container	:	Plastic Container	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	7.75	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	6.54	Hazen	APHA 24th Edition 2120 C: 2022
3.	Conductivity	3276	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.58	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	8	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2064	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	21	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	558	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	328	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.2	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	564.82	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	228	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	2.33	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.77	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	145.6	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	46.75	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	348	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	5.1	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	7	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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VASUNDHARA ENTERPRISE Ankleshwar

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Head Office:
S-306 & 308, 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 TESTING REPORT

Report No.: VE/W/202404/0002			Date:		04/05/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	27/04/2024	Sampling Type	:	Grab
Date of Sample Received	:	27/04/2024	Sample ID	:	W/202404/0002
Sampling Location	:	HB-5	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/05/2024
Type of Container	:	Plastic Container	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	2.02	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.11	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

----------**End Report**----------

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

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VE/W/202404/0003			Date:		04/05/2024
URL No.: TC0958124000000090F					
Customer Name & Address	:	**M/s. BEIL Infrastucture Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	27/04/2024	Sampling Type	:	Grab
Date of Sample Received	:	27/04/2024	Sample ID	:	W/202404/0003
Sampling Location	:	New EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/05/2024
Type of Container	:	Plastic Container	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	7.53	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	12.5	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	2693	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.89	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1697	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	12.6	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	490	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	236	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.9	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	409.87	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	354	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	3.75	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.79	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	70	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	76.15	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	0.184	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL <0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	254	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.6	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	4.1	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/202404/0003			Date:		04/05/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastucture Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	27/04/2024	Sampling Type	:	Grab
Date of Sample Received	:	27/04/2024	Sample ID	:	W/202404/0003
Sampling Location	:	New EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/05/2024
Type of Container	:	Plastic Container	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	1.74	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.68	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

----------**End Report**----------

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Head Office:
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GIDC, Ankleshwar – 393002

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VE/W/202404/0004			Date:		04/05/2024
URL No.: TC0958124000000091F					
Customer Name & Address	:	**M/s. BEIL Infrastucture Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	27/04/2024	Sampling Type	:	Grab
Date of Sample Received	:	27/04/2024	Sample ID	:	W/202404/0004
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/05/2024
Type of Container	:	Plastic Container	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	7.6	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	8.85	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3524	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.25	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2220	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	21	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	380	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	376	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.7	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	679.79	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	235.14	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	2.64	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.71	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	105.6	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	28	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	240	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	6.1	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 ^{0}C for 3 Days	7	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/202404/0004			Date:		04/05/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastucture Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	27/04/2024	Sampling Type	:	Grab
Date of Sample Received	:	27/04/2024	Sample ID	:	W/202404/0004
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/05/2024
Type of Container	:	Plastic Container	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	1.64	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu 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/202404/0005			Date:		04/05/2024
URL No.: TC0958124000000092F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	27/04/2024	Sampling Type	:	Grab
Date of Sample Received	:	27/04/2024	Sample ID	:	W/202404/0005
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/05/2024
Type of Container	:	Plastic Container	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	7.17	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	15	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	4904	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.62	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	8	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3090	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	34	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	822	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	328	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.9	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	964.7	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	368.5	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	6.98	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.88	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	158.4	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	103	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	489	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	5.9	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 ^{0}C for 3 Days	13.2	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Verified By

VASUNDHARA ENTERPRISE Ankleshwar

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LABORATORY TESTING REPORT

Report No.: VE/W/202404/0005			Date:		04/05/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	27/04/2024	Sampling Type	:	Grab
Date of Sample Received	:	27/04/2024	Sample ID	:	W/202404/0005
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/05/2024
Type of Container	:	Plastic Container	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	4.12	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.04	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu 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/202404/0006			Date:		04/05/2024
URL No.: TC0958124000000093F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	27/04/2024	Sampling Type	:	Grab
Date of Sample Received	:	27/04/2024	Sample ID	:	W/202404/0006
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/05/2024
Type of Container	:	Plastic Container	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	7.34	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	13	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3817	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.52	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	8	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2405	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	29.4	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	824	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	328	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.6	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	859.7	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	225.23	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	6.09	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.79	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	141	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	114	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	457	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.2	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	12	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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E-mail : info@vasundharaenterprise.in
Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VE/W/202404/0006			Date:		04/05/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	27/04/2024	Sampling Type	:	Grab
Date of Sample Received	:	27/04/2024	Sample ID	:	W/202404/0006
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/05/2024
Type of Container	:	Plastic Container	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	3.1	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.05	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VE/W/202404/0007			Date:		04/05/2024
URL No.: TC0958124000000094F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	27/04/2024	Sampling Type	:	Grab
Date of Sample Received	:	27/04/2024	Sample ID	:	W/202404/0007
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/05/2024
Type of Container	:	Plastic Container	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	7.56	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	10	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	5935	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	1.12	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3739	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	76	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	1764	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	316	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	2.1	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	547.33	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	229.73	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	29.72	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	1.27	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	324	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	230	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	498	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	6.7	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	32	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/202404/0007			Date:		04/05/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	27/04/2024	Sampling Type	:	Grab
Date of Sample Received	:	27/04/2024	Sample ID	:	W/202404/0007
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/05/2024
Type of Container	:	Plastic Container	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	19.8	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.03	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VE/W/202404/0008			Date:		04/05/2024
URL No.: TC0958124000000095F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	27/04/2024	Sampling Type	:	Grab
Date of Sample Received	:	27/04/2024	Sample ID	:	W/202404/0008
Sampling Location	:	New EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/05/2024
Type of Container	:	Plastic Container	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	7.89	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	9.2	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3619	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.39	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	6	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2280	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	17	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	536	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	292	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.3	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	554.83	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	264	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	0.58	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.68	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	118.4	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	58	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	420	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	7.8	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.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	6.2	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/202404/0008			Date:		04/05/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	27/04/2024	Sampling Type	:	Grab
Date of Sample Received	:	27/04/2024	Sample ID	:	W/202404/0008
Sampling Location	:	New EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/05/2024
Type of Container	:	Plastic Container	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	1.68	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.11	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu 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/202404/0009			Date:		04/05/2024
URL No.: TC0958124000000096F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	27/04/2024	Sampling Type	:	Grab
Date of Sample Received	:	27/04/2024	Sample ID	:	W/202404/0009
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/05/2024
Type of Container	:	Plastic Container	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	7.52	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	6.65	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	4130	mS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	2.85	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2602	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	21	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	684	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	364	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	2.5	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	869.73	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	197.3	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	2.95	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.74	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	125.6	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	89.17	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	374	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.9	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	6.1	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/202404/0009			Date:		04/05/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	27/04/2024	Sampling Type	:	Grab
Date of Sample Received	:	27/04/2024	Sample ID	:	W/202404/0009
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/05/2024
Type of Container	:	Plastic Container	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	1.52	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.08	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

----------**End Report**----------

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Head Office:
S-306 & 308, 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 TESTING REPORT

Report No.: VE/W/202404/0010			Date:		04/05/2024
URL No.: TC0958124000000097F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	27/04/2024	Sampling Type	:	Grab
Date of Sample Received	:	27/04/2024	Sample ID	:	W/202404/0010
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/05/2024
Type of Container	:	Plastic Container	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	7.3	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	9.5	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	6063	mS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	2.02	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	8	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3820	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	25.2	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	1524	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	304	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.7	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1209.6	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	209.09	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	8.64	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.32	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	244.8	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	220	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	346	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.2	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	8.5	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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Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	27/04/2024	Sampling Type	:	Grab
Date of Sample Received	:	27/04/2024	Sample ID	:	W/202404/0010
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/05/2024
Type of Container	:	Plastic Container	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	4.02	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	1.18	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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

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

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VE/W/202404/0011			Date:		04/05/2024
URL No.: TC0958124000000098F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	27/04/2024	Sampling Type	:	Grab
Date of Sample Received	:	27/04/2024	Sample ID	:	W/202404/0011
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/05/2024
Type of Container	:	Plastic Container	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	7.08	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	10.2	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	6429	mS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.65	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	6	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	4050	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	32	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	1588	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	308	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.4	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1669.48	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	232	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	3.93	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.74	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	309	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	197	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	321	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	6.2	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 ^{0}C for 3 Days	10.3	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/202404/0011			Date:		04/05/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	27/04/2024	Sampling Type	:	Grab
Date of Sample Received	:	27/04/2024	Sample ID	:	W/202404/0011
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/05/2024
Type of Container	:	Plastic Container	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	3.98	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.22	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VE/W/202404/0012			Date:		04/05/2024
URL No.: TC0958124000000099F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	27/04/2024	Sampling Type	:	Grab
Date of Sample Received	:	27/04/2024	Sample ID	:	W/202404/0012
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/05/2024
Type of Container	:	Plastic Container	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	7.88	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	7.82	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3168	mS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	2.56	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	9	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1996	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	21	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	604	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	292	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.9	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	637.3	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	192.3	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	10.27	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.45	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	104.8	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	82.42	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	390	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	2.5	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 ^{0}C for 3 Days	6.8	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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Report No.: VE/W/202404/0012			Date:		04/05/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	27/04/2024	Sampling Type	:	Grab
Date of Sample Received	:	27/04/2024	Sample ID	:	W/202404/0012
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	27/04/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/05/2024
Type of Container	:	Plastic Container	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 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.13	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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ENVIRONMENTAL MONITORING REPORT

[Period: May 2024]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA ENTERPRISE

Shop No: 306,308, Multilevel Shed: 2,
Opp.Kanoria Chemical, GIDC,
Ankleshwar-393002.

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Environmental Monitoring Plan
For M/s. BEIL Infrastructure Ltd. (Ankleshwar)
Plot No. 9701-9716, GIDC Estate,
Ankleshwar-393002, Dist: Bharuch.
By – Vasundhara Enterprise

Sr. No.	Environmental Component	Parameters	Location	Frequency	Monitoring Carried out in May - 2024
1.	Ambient Air Quality Monitoring	PM_{10}, $PM_{2.5}$, SO_x, NO_x, Cl_2, NH_3, H_2S, Ozone, Pb, Ni, As, HCL, HC, CO, C_6H_6, BaP.	03	Monthly	03
2.	Noise Location	Leq dB(A)	07	Monthly	07
3.	Ground Water Monitoring	Parameters: pH, Color, Conductivity, Turbidity, TSS, TDS, TOC, COD Total Hardness, Total Alkalinity, TKN, Chloride, Sulphate, Nitrate, Lead, Cadmium, Copper, Chromium, Mercury, Nickel, Cyanide, Arsenic, Manganese, Iron, Zinc, Fluoride, Pesticides (Organo Chlorine, Organo Nitrogen , Syntheti Pyrethroid, Carbamates), Calcium, Magnesium, Sodium, Potassium, Phosphate, Ammonical Nitrogen, BOD, Oil And Grease	12	Monthly	12

1.0 AMBIENT AIR QUALITY MONITORING REPORT



[Period: May 2024]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA ENTERPRISE

LABORATORY TESTING REPORT

Report No.: VE/AA/202405/0004			Date:		01/06/2024
URL No.: TC0958124000000165F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Sample Collection Date	:	23/05/2024	Sampling Type	:	–
Sample Receipt Date	:	23/05/2024	Sample ID	:	AA/202405/0004
Sampling Location	:	Nr. On the roof of laboratory	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	:	23/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	25/05/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours)	:	24 Hrs.
Environmental Condition during the test			25°C ±3 °C		

Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM_{10}	$\mu g/m^3$	87.6	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	$\mu g/m^3$	30.41	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	$\mu g/m^3$	20.3	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	$\mu g/m^3$	19.6	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl_2)	$\mu g/m^3$	BDL	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH_3)	$\mu g/m^3$	<7.0	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H_2S)	$\mu g/m^3$	BDL	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	$\mu g/m^3$	BDL	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	$\mu g/m^3$	BDL	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	$\mu g/m^3$	BDL	Not Specified	IS: 5182(Part 26): 2020

Verified By

VASUNDHARA ENTERPRISE Ankleshwar

Authorized Signatory

Head Office:
S-306 & 308, 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 TESTING REPORT

Report No.: VE/AA/202405/0004			Date:		01/06/2024
URL No.:--					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Sample Collection Date	:	23/05/2024	Sampling Type	:	–
Sample Receipt Date	:	23/05/2024	Sample ID	:	AA/202405/0004
Sampling Location	:	Nr. On the roof of laboratory	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	:	23/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	25/05/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions 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.	Arsenic as As	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m³	0.96	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C_6H_6)	µg/m³	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m³	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

----------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.

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VASUNDHARA ENTERPRISE ANKLESHWAR

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VE/AA/202405/0005			Date:		01/06/2024
URL No.: TC0958124000000166F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Sample Collection Date	:	23/05/2024	Sampling Type	:	–
Sample Receipt Date	:	23/05/2024	Sample ID	:	AA/202405/0005
Sampling Location	:	Nr. Oppo. of C6CW4 Detox Side	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	:	23/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	25/05/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours)	:	24 Hrs.
Environmental Condition during the test			25°C ±3 °C		

Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM_{10}	$\mu g/m^3$	85.8	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	$\mu g/m^3$	29.87	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	$\mu g/m^3$	17.4	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	$\mu g/m^3$	24.1	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl_2)	$\mu g/m^3$	BDL	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH_3)	$\mu g/m^3$	<7.0	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H_2S)	$\mu g/m^3$	BDL	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	$\mu g/m^3$	BDL	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	$\mu g/m^3$	BDL	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	$\mu g/m^3$	BDL	Not Specified	IS: 5182(Part 26): 2020

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LABORATORY TESTING REPORT

Report No.: VE/AA/202405/0005			Date:		01/06/2024
URL No.:--					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Sample Collection Date	:	23/05/2024	Sampling Type	:	–
Sample Receipt Date	:	23/05/2024	Sample ID	:	AA/202405/0005
Sampling Location	:	Nr. Oppo. of C6CW4 Detox Side	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	:	23/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	25/05/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions 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.	Arsenic as As	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m^3	0.98	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C_6H_6)	$\mu g/m^3$	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m^3	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

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

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VASUNDHARA ENTERPRISE Ankleshwar

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LABORATORY TESTING REPORT

Report No.: VE/AA/202405/0006			Date:		01/06/2024
URL No.: TC0958124000000167F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Sample Collection Date	:	23/05/2024	Sampling Type	:	–
Sample Receipt Date	:	23/05/2024	Sample ID	:	AA/202405/0006
Sampling Location	:	Nr. Landfill Phase-4 near Security Tower	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	:	23/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	25/05/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours)	:	24 Hrs.
Environmental Condition during the test			25°C ±3 °C		

Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM_{10}	$\mu g/m^3$	84.9	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	$\mu g/m^3$	30.2	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	$\mu g/m^3$	15.8	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	$\mu g/m^3$	21.7	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl_2)	$\mu g/m^3$	BDL	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH_3)	$\mu g/m^3$	<7.0	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H_2S)	$\mu g/m^3$	BDL	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	$\mu g/m^3$	BDL	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	$\mu g/m^3$	BDL	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	$\mu g/m^3$	BDL	Not Specified	IS: 5182(Part 26): 2020

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VE/AA/202405/0006			Date:		01/06/2024
URL No.:--					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Sample Collection Date	:	23/05/2024	Sampling Type	:	–
Sample Receipt Date	:	23/05/2024	Sample ID	:	AA/202405/0006
Sampling Location	:	Nr. Landfill Phase-4 near Security Tower	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	:	23/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	25/05/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions 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.	Arsenic as As	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m^3	0.99	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C_6H_6)	$\mu g/m^3$	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m^3	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

----------**End Report**----------

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Website : www.vasundharaenterprise.in

3.0 NOISE LEVEL MONITORING REPORT



[Period: May 2024]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA ENTERPRISE

LABORATORY TESTING REPORT

Report No.: VE/AN/202405/0003			Date:		01/06/2024
URL No.: TC0958124000000164F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Sample Collection Date	:	22/05/2024	Sampling Type	:	Instrument Method
Sample Receipt Date	:	22/05/2024	Sample ID	:	AN/202405/0003
Sampling Location	:	Noise	Sample Description	:	Noise Monitoring
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring	:	IS 9989-1991
Analysis Started On	:	-	Analysis Completed On	:	-
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.	Parameter	Day Time	Night Time	Unit	Protocol Used for Analysis
Permissible Limit		**75**	**70**	**dB(A)**	-
1.	Nr. Main Gate	54.9	47.3	dB(A)	IS 9989-1991
2.	Nr. Incinerator Area	70.2	63.8	dB(A)	IS 9989-1991
3.	Nr. Lab Area	56.1	45.5	dB(A)	IS 9989-1991
4.	Nr. Admin Building	51.7	43.2	dB(A)	IS 9989-1991
5.	Nr. Truck Washing Area	60.4	54.1	dB(A)	IS 9989-1991
6.	Nr. Drum Storage Area	59.9	52.7	dB(A)	IS 9989-1991
7.	Nr. East of Incinerator Area	71.3	63.6	dB(A)	IS 9989-1991

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

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Verified By

VASUNDHARA ENTERPRISE Ankleshwar

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Website : www.vasundharaenterprise.in

4.0 WATER QUALITY MONITORING REPORT



[Period: May 2024]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA ENTERPRISE

LABORATORY TESTING REPORT

Report No.: VE/W/202405/0004			Date:		01/06/2024
URL No.: TC0958124000000152F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	22/05/2024	Sampling Type	:	Grab
Date of Sample Received	:	22/05/2024	Sample ID	:	W/202405/0004
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	22/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	28/05/2024
Type of Container	:	Plastic Container	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	7.14	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	9.32	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	6740	mS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.6	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	6.4	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	4246	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	32	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	1495	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	334	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.84	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1614.5	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	223.66	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	3.02	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.88	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	283.2	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	191.32	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	322	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.6	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	9.9	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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Authorized Signatory

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

LABORATORY TESTING REPORT

Report No.: VE/W/202405/0004			Date:		01/06/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	22/05/2024	Sampling Type	:	Grab
Date of Sample Received	:	22/05/2024	Sample ID	:	W/202405/0004
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	22/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	28/05/2024
Type of Container	:	Plastic Container	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	4.62	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.088	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

----------**End Report**----------

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Verified By

Authorized Signatory

Head Office:
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GIDC, Ankleshwar – 393002

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VE/W/202405/0005			Date:		01/06/2024
URL No.: TC09581240000000153F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	22/05/2024	Sampling Type	:	Grab
Date of Sample Received	:	22/05/2024	Sample ID	:	W/202405/0005
Sampling Location	:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	22/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	28/05/2024
Type of Container	:	Plastic Container	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	7.62	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	7.82	Hazen	APHA 24th Edition 2120 C: 2022
3.	Conductivity	2105	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.92	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	6.6	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1326	mg/L	APHA 24th Edition 2540- C: 2022
7.	Chemical Oxygen Demand	20	mg/L	IS 3025 (Part 58): 2006
8.	Total Hardness as CaCO3	376	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	216	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.12	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	329.9	mg/L	APHA 24th Edition 4500- Cl- B: 2022
12.	Sulphate (as SO4)	219.2	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	0.46	mg/L	IS 3025 (Part 34): 2022
14.	Fluoride	0.63	mg/L	APHA 24th Edition 4500- F- B & D: 2022
15.	Calcium (as Ca)	72.8	mg/L	APHA 24th Edition 3500- Ca-B: 2022
16.	Magnesium (as Mg)	47.16	mg/L	APHA 24th Edition 3500 Mg B: 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	518	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	6.5	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	6.5	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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Head Office:
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E-mail : info@vasundharaenterprise.in
Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VE/W/202405/0005			Date:		01/06/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	22/05/2024	Sampling Type	:	Grab
Date of Sample Received	:	22/05/2024	Sample ID	:	W/202405/0005
Sampling Location	:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	22/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	28/05/2024
Type of Container	:	Plastic Container	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	1.1	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu 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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VASUNDHARA ENTERPRISE Ankleshwar

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Head Office:
S-306 & 308, 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 TESTING REPORT

Report No.: VE/W/202405/0006			Date:		01/06/2024
URL No.: TC09581240000000154F					
Customer Name & Address	:	**M/s. BEIL Infrastucture Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	22/05/2024	Sampling Type	:	Grab
Date of Sample Received	:	22/05/2024	Sample ID	:	W/202405/0006
Sampling Location	:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	22/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	28/05/2024
Type of Container	:	Plastic Container	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	7.51	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	9.9	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	2513	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.92	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	6.4	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1590	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	12	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	462	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	294	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.06	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	379.88	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	331.70	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	3.17	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.90	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	86.4	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	59.80	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	289	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.5	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	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/202405/0006			Date:		01/06/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastucture Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	22/05/2024	Sampling Type	:	Grab
Date of Sample Received	:	22/05/2024	Sample ID	:	W/202405/0006
Sampling Location	:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	22/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	28/05/2024
Type of Container	:	Plastic Container	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	1.49	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu 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/202405/0007			Date:		01/06/2024
URL No.: TC095812400000000155F					
Customer Name & Address	:	**M/s. BEIL Infrastucture Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	22/05/2024	Sampling Type	:	Grab
Date of Sample Received	:	22/05/2024	Sample ID	:	W/202405/0007
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	22/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	28/05/2024
Type of Container	:	Plastic Container	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	7.09	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	9.12	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3365	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.35	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	6.6	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2121	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	24	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	562	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	306	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.62	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	609.81	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	231.70	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	2.34	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.77	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	138.4	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	52.51	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	201	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	6.3	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	7.2	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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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VE/W/202405/0007			Date:		01/06/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastucture Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	22/05/2024	Sampling Type	:	Grab
Date of Sample Received	:	22/05/2024	Sample ID	:	W/202405/0007
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	22/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	28/05/2024
Type of Container	:	Plastic Container	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	1.33	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu 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/202405/0008			Date:		01/06/2024
URL No.: TC095812400000000156F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	22/05/2024	Sampling Type	:	Grab
Date of Sample Received	:	22/05/2024	Sample ID	:	W/202405/0008
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	22/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	28/05/2024
Type of Container	:	Plastic Container	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	7.24	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	8.23	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	5860	mS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	1.89	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7.4	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3692	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	28	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	1324	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	332	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.67	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1124.6	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	208.9	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	7.78	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.40	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	235.2	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	178.92	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	378	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	9.3	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/202405/0008			Date:		01/06/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	22/05/2024	Sampling Type	:	Grab
Date of Sample Received	:	22/05/2024	Sample ID	:	W/202405/0008
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	22/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	28/05/2024
Type of Container	:	Plastic Container	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	6.28	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.041	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu 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/202405/0009			Date:		01/06/2024
URL No.: TC09581240000000157F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	22/05/2024	Sampling Type	:	Grab
Date of Sample Received	:	22/05/2024	Sample ID	:	W/202405/0009
Sampling Location	:	HB-5 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	22/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	28/05/2024
Type of Container	:	Plastic Container	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	7.16	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	6.9	Hazen	APHA 24th Edition 2120 C: 2022
3.	Conductivity	3208	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.49	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	6.8	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2021	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	20	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	502	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	274	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.85	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	519.8	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	213.8	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	1.85	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.59	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	120	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	49.11	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	372	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	7.5	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	7.7	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Verified By

VASUNDHARA ENTERPRISE Ankleshwar

Authorized Signatory

Head Office:
S-306 & 308, 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

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URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	22/05/2024	Sampling Type	:	Grab
Date of Sample Received	:	22/05/2024	Sample ID	:	W/202405/0009
Sampling Location	:	HB-5 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	22/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	28/05/2024
Type of Container	:	Plastic Container	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	2.31	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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

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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara 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/202405/0010			Date:		01/06/2024
URL No.: TC09581240000000158F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	22/05/2024	Sampling Type	:	Grab
Date of Sample Received	:	22/05/2024	Sample ID	:	W/202405/0010
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	22/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	28/05/2024
Type of Container	:	Plastic Container	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	7.14	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	9.1	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3960	mS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	2.08	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7.2	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2496	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	16	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	702	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	410	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	2.24	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	809.75	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	213.84	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	3.26	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.86	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	72.8	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	82.17	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	355	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	7.5	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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URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	22/05/2024	Sampling Type	:	Grab
Date of Sample Received	:	22/05/2024	Sample ID	:	W/202405/0010
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	22/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	28/05/2024
Type of Container	:	Plastic Container	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	1.84	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu 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/202405/0011			Date:		01/06/2024
URL No.: TC09581240000000159F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	22/05/2024	Sampling Type	:	Grab
Date of Sample Received	:	22/05/2024	Sample ID	:	W/202405/0011
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	22/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	28/05/2024
Type of Container	:	Plastic Container	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	7.08	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	8.62	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3784	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.65	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2384	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	24	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	820	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	364	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.78	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	804.75	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	209.82	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	6.28	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.71	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	124.8	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	123.49	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	459	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.4	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	9	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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URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	22/05/2024	Sampling Type	:	Grab
Date of Sample Received	:	22/05/2024	Sample ID	:	W/202405/0011
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	22/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	28/05/2024
Type of Container	:	Plastic Container	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	3.85	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu 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/202405/0012			Date:		01/06/2024
URL No.: TC09581240000000160F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	22/05/2024	Sampling Type	:	Grab
Date of Sample Received	:	22/05/2024	Sample ID	:	W/202405/0012
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	22/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	28/05/2024
Type of Container	:	Plastic Container	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	7.12	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	9.92	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	5026	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.81	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7.2	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3166	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	36	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	786	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	352	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.06	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	909.72	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	374.55	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	7.11	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.84	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	157.6	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	95.30	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	538	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.4	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	10.6	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Verified By

VASUNDHARA ENTERPRISE Ankleshwar

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URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	22/05/2024	Sampling Type	:	Grab
Date of Sample Received	:	22/05/2024	Sample ID	:	W/202405/0012
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	22/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	28/05/2024
Type of Container	:	Plastic Container	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	5.64	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu 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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VASUNDHARA ENTERPRISE
Authorized Signatory

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

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

LABORATORY TESTING REPORT

Report No.: VE/W/202405/0013			Date:		01/06/2024
URL No.: TC09581240000000161F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	22/05/2024	Sampling Type	:	Grab
Date of Sample Received	:	22/05/2024	Sample ID	:	W/202405/0013
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	22/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	28/05/2024
Type of Container	:	Plastic Container	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	7.39	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	7.9	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3019	mS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	2.21	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	8.6	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1902	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	28	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	604	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	268	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	2.30	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	679.79	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	199.11	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	11.51	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.39	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	99.2	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	86.54	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	366	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.3	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	9	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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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VE/W/202405/0013			Date:		01/06/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	22/05/2024	Sampling Type	:	Grab
Date of Sample Received	:	22/05/2024	Sample ID	:	W/202405/0013
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	22/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	28/05/2024
Type of Container	:	Plastic Container	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	2.92	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

----------**End Report**----------

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GIDC, Ankleshwar – 393002

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VE/W/202405/0014			Date:		01/06/2024
URL No.: TC09581240000000162F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	22/05/2024	Sampling Type	:	Grab
Date of Sample Received	:	22/05/2024	Sample ID	:	W/202405/0014
Sampling Location	:	EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	22/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	28/05/2024
Type of Container	:	Plastic Container	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	7.42	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	9	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3486	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.54	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	6.8	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2196	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	24	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	546	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	318	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.95	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	509.8	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	263.8	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	0.74	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.60	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	104	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	69.53	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	449	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	8.2	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 ^{0}C for 3 Days	7.2	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/202405/0014			Date:		01/06/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	22/05/2024	Sampling Type	:	Grab
Date of Sample Received	:	22/05/2024	Sample ID	:	W/202405/0014
Sampling Location	:	EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	22/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	28/05/2024
Type of Container	:	Plastic Container	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	1.15	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VE/W/202405/0015			Date:		01/06/2024
URL No.: TC09581240000000163F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	22/05/2024	Sampling Type	:	Grab
Date of Sample Received	:	22/05/2024	Sample ID	:	W/202405/0015
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	22/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	28/05/2024
Type of Container	:	Plastic Container	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	7.08	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	8.9	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	5891	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.96	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7.8	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3712	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	80	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	1670	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	282	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	2.52	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1214.62	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	254.02	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	25.05	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	1.44	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	294.4	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	227.06	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	499	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.6	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	26.1	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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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VE/W/202405/0015			Date:		01/06/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	22/05/2024	Sampling Type	:	Grab
Date of Sample Received	:	22/05/2024	Sample ID	:	W/202405/0015
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	22/05/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	28/05/2024
Type of Container	:	Plastic Container	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	16.1	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VE/AA/202406/0001			Date:		11/06/2024
URL No.: TC0958124000000208F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Sample Collection Date	:	04/06/2024	Sampling Type	:	–
Sample Receipt Date	:	04/06/2024	Sample ID	:	AA/202406/0001
Sampling Location	:	Nr. On the roof of laboratory	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	:	04/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/06/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours)	:	24 Hrs.
Environmental Condition during the test			25°C ±3 °C		

Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM_{10}	$\mu g/m^3$	68.44	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	$\mu g/m^3$	30.6	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	$\mu g/m^3$	18.2	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	$\mu g/m^3$	22.6	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl_2)	$\mu g/m^3$	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH_3)	$\mu g/m^3$	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H_2S)	$\mu g/m^3$	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	$\mu g/m^3$	18.66	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	$\mu g/m^3$	BDL<0.5	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	$\mu g/m^3$	BDL<0.5	Not Specified	IS: 5182(Part 26): 2020

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LABORATORY TESTING REPORT

Report No.: VE/AA/202406/0001			Date:		11/06/2024
URL No.:--					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Sample Collection Date	:	04/06/2024	Sampling Type	:	–
Sample Receipt Date	:	04/06/2024	Sample ID	:	AA/202406/0001
Sampling Location	:	Nr. On the roof of laboratory	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	:	04/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/06/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions 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.	Arsenic as As	$\mu g/m^3$	BDL,0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m^3	0.93	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C_6H_6)	$\mu g/m^3$	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m^3	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

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

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Verified By

Authorized Signatory

Head Office:
S-306 & 308, 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 TESTING REPORT

Report No.: VE/AA/202406/0002			Date:		11/06/2024
URL No.: TC0958124000000209F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Sample Collection Date	:	04/06/2024	Sampling Type	:	–
Sample Receipt Date	:	04/06/2024	Sample ID	:	AA/202406/0002
Sampling Location	:	Nr. Oppo. of C6CW4 Detox Side	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	:	04/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/06/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours)	:	24 Hrs.
Environmental Condition during the test			25°C ±3 °C		

Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM_{10}	$\mu g/m^3$	70.44	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	$\mu g/m^3$	29.6	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	$\mu g/m^3$	19.6	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	$\mu g/m^3$	21.9	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl_2)	$\mu g/m^3$	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH_3)	$\mu g/m^3$	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H_2S)	$\mu g/m^3$	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	$\mu g/m^3$	20.11	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	$\mu g/m^3$	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	$\mu g/m^3$	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

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LABORATORY TESTING REPORT

Report No.: VE/AA/202406/0002			Date:		11/06/2024
URL No.:--					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Sample Collection Date	:	04/06/2024	Sampling Type	:	–
Sample Receipt Date	:	04/06/2024	Sample ID	:	AA/202406/0002
Sampling Location	:	Nr. Oppo. of C6CW4 Detox Side	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	:	04/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/06/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions 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.	Arsenic as As	µg/m³	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m³	0.92	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C_6H_6)	µg/m³	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m³	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

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LABORATORY TESTING REPORT

Report No.: VE/AA/202406/0003			Date:		11/06/2024
URL No.: TC0958124000000210F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Sample Collection Date	:	04/06/2024	Sampling Type	:	–
Sample Receipt Date	:	04/06/2024	Sample ID	:	AA/202406/0003
Sampling Location	:	Nr. Landfill Phase-4 near Security Tower	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	:	04/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/06/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours)	:	24 Hrs.
Environmental Condition during the test			25°C ±3 °C		

Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM_{10}	µg/m³	71.2	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	µg/m³	30.1	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	µg/m³	17.7	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	µg/m³	24.4	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl_2)	µg/m³	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH_3)	µg/m³	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H_2S)	µg/m³	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	µg/m³	19.55	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m³	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m³	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

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LABORATORY TESTING REPORT

Report No.: VE/AA/202406/0003			Date:		11/06/2024
URL No.:--					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Sample Collection Date	:	04/06/2024	Sampling Type	:	–
Sample Receipt Date	:	04/06/2024	Sample ID	:	AA/202406/0003
Sampling Location	:	Nr. Landfill Phase-4 near Security Tower	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	:	04/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/06/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions 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.	Arsenic as As	µg/m³	BDL,0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m³	0.91	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C_6H_6)	µg/m³	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m³	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

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LABORATORY TESTING REPORT

Report No.: VE/AN/202406/0001			Date:		11/06/2024
URL No.: TC0958124000000207F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Sample Collection Date	:	03/06/2024	Sampling Type	:	Instrument Method
Sample Receipt Date	:	03/06/2024	Sample ID	:	AN/202406/0001
Sampling Location	:	Noise	Sample Description	:	Noise Monitoring
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring	:	IS 9989-1991
Analysis Started On	:	-	Analysis Completed On	:	-
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.	Parameter	Day Time	Night Time	Unit	Protocol Used for Analysis
Permissible Limit		**75**	**70**	**dB(A)**	**-**
1.	Nr. Main Gate	58	51.6	dB(A)	IS 9989-1991
2.	Nr. Incinerator Area	61.5	57.8	dB(A)	IS 9989-1991
3.	Nr. Lab Area	55.2	49.1	dB(A)	IS 9989-1991
4.	Nr. Admin Building	57	52.4	dB(A)	IS 9989-1991
5.	Nr. Truck Washing Area	63.8	56	dB(A)	IS 9989-1991
6.	Nr. Drum Storage Area	56.6	50.2	dB(A)	IS 9989-1991
7.	Nr. East of Incinerator Area	64.3	59.5	dB(A)	IS 9989-1991

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LABORATORY TESTING REPORT

Report No.: VE/W/202406/0001			Date:		11/06/2024
URL No.: TC0958124000000195F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	03/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	03/06/2024	Sample ID	:	W/202406/0001
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	03/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/06/2024
Type of Container	:	Plastic Container	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	7.08	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	6.92	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	6622	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.55	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	6.7	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	4172	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	30.02	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	1550	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	324	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.95	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1659.49	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	217.86	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	2.92	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.82	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	332	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	175.03	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	330	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.1	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	10	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/202406/0001			Date:		11/06/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	03/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	03/06/2024	Sample ID	:	W/202406/0001
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	03/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/06/2024
Type of Container	:	Plastic Container	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	4.15	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.083	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu 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/202406/0002			Date:		11/06/2024
URL No.: TC09581240000000196F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	03/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	03/06/2024	Sample ID	:	W/202406/0002
Sampling Location	:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	03/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/06/2024
Type of Container	:	Plastic Container	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	7.54	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	5.65	Hazen	APHA 24th Edition 2120 C: 2022
3.	Conductivity	2130	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.94	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	6.5	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1342	mg/L	APHA 24th Edition 2540- C: 2022
7.	Chemical Oxygen Demand	17.15	mg/L	IS 3025 (Part 58): 2006
8.	Total Hardness as CaCO3	380	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	202	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.06	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	329.90	mg/L	APHA 24th Edition 4500- Cl- B: 2022
12.	Sulphate (as SO4)	212.05	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	0.52	mg/L	IS 3025 (Part 34): 2022
14.	Fluoride	0.77	mg/L	APHA 24th Edition 4500- F- B & D: 2022
15.	Calcium (as Ca)	129.6	mg/L	APHA 24th Edition 3500- Ca-B: 2022
16.	Magnesium (as Mg)	13.61	mg/L	APHA 24th Edition 3500 Mg B: 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	516	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	5.9	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	7.7	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/202406/0002			Date:		11/06/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	03/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	03/06/2024	Sample ID	:	W/202406/0002
Sampling Location	:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	03/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/06/2024
Type of Container	:	Plastic Container	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	1.02	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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

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

Verified By

VASUNDHARA ENTERPRISE ANKLESHWAR
Authorized Signatory

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

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VE/W/202406/0003			Date:		11/06/2024
URL No.: TC0958124000000197F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	03/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	03/06/2024	Sample ID	:	W/202406/0003
Sampling Location	:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	03/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/06/2024
Type of Container	:	Plastic Container	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	7.51	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	9	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	2541	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.98	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7.3	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1601	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	12.86	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	380	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	278	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.84	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	384.88	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	320.09	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	2.89	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.80	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	132	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	12.16	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	295	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	5.2	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	4.2	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/202406/0003			Date:		11/06/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	03/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	03/06/2024	Sample ID	:	W/202406/0003
Sampling Location	:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	03/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/06/2024
Type of Container	:	Plastic Container	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	1.22	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VE/W/202406/0004			Date:		11/06/2024
URL No.: TC0958124000000198F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	03/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	03/06/2024	Sample ID	:	W/202406/0004
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	03/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/06/2024
Type of Container	:	Plastic Container	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	7.13	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	8.26	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3343	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.61	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	6.5	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2106	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	21.44	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	650	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	300	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.56	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	629.80	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	250.45	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	2.18	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.69	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	96.8	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	99.18	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	232	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	6.1	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	7.3	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/202406/0004			Date:		11/06/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	03/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	03/06/2024	Sample ID	:	W/202406/0004
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	03/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/06/2024
Type of Container	:	Plastic Container	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	1.26	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu 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/202406/0005			Date:		11/06/2024
URL No.: TC0958124000000199F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	03/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	03/06/2024	Sample ID	:	W/202405/0005
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	03/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/06/2024
Type of Container	:	Plastic Container	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	7.1	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	9.72	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	5940	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	1.35	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7.4	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3742	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	25.73	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	1370	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	350	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.78	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1209.62	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	226.79	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	8.00	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.33	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	204	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	209.07	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	346	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.4	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	9	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/202406/0005			Date:		11/06/2024
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	03/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	03/06/2024	Sample ID	:	W/202405/0005
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	03/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/06/2024
Type of Container	:	Plastic Container	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	5.94	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.046	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

----------**End Report**----------

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VE/W/202406/0006			Date:		11/06/2024
URL No.: TC0958124000000200F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	03/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	03/06/2024	Sample ID	:	W/202406/0006
Sampling Location	:	HB-5 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	03/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/06/2024
Type of Container	:	Plastic Container	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	7.3	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	7.18	Hazen	APHA 24th Edition 2120 C: 2022
3.	Conductivity	3168	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.47	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7.1	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1996	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	17.15	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	540	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	254	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.74	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	529.84	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	239.29	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	2.03	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.44	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	117.6	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	59.80	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	355	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	6.7	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	6.2	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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Contact: Mo.: +91-93136 16978 / 93136 16730
E-mail : info@vasundharaenterprise.in
Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VE/W/202406/0006			Date:		11/06/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	03/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	03/06/2024	Sample ID	:	W/202406/0006
Sampling Location	:	HB-5 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	03/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/06/2024
Type of Container	:	Plastic Container	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	2.27	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu 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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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VE/W/202406/0007			Date:		11/06/2024
URL No.: TC0958124000000201F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	03/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	03/06/2024	Sample ID	:	W/202406/0007
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	03/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/06/2024
Type of Container	:	Plastic Container	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	7.12	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	6.54	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	4041	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	1.94	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7.3	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2546	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	12.86	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	790	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	422	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	2.18	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	784.76	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	210.71	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	2.95	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.79	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	136	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	109.40	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	367	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.8	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.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	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/202406/0007			Date:		11/06/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	03/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	03/06/2024	Sample ID	:	W/202406/0007
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	03/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/06/2024
Type of Container	:	Plastic Container	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	1.66	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu 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/202406/0008			Date:		11/06/2024
URL No.: TC0958124000000202F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	03/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	03/06/2024	Sample ID	:	W/202406/0008
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	03/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/06/2024
Type of Container	:	Plastic Container	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	7.13	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	11.32	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3719	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.69	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7.4	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2343	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	21.44	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	760	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	376	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.62	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	824.74	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	220.98	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	6.15	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.88	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	112	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	116.69	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	435	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.9	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	7	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/202406/0008			Date:		11/06/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	03/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	03/06/2024	Sample ID	:	W/202406/0008
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	03/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/06/2024
Type of Container	:	Plastic Container	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	3.36	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu 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/202406/0009			Date:		11/06/2024
URL No.: TC0958124000000203F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	03/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	03/06/2024	Sample ID	:	W/202406/0009
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	03/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/06/2024
Type of Container	:	Plastic Container	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	7.16	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	16.59	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	5119	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.78	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7.2	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3225	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	34.30	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	830	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	376	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.90	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	894.72	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	330.80	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	7.32	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.76	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	132	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	121.55	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	530	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	5.3	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	11	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/202406/0009			Date:		11/06/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	03/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	03/06/2024	Sample ID	:	W/202406/0009
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	03/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/06/2024
Type of Container	:	Plastic Container	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	5.28	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VE/W/202406/0010			Date:		11/06/2024
URL No.: TC0958124000000204F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	03/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	03/06/2024	Sample ID	:	W/202406/0010
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	03/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/06/2024
Type of Container	:	Plastic Container	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	7.39	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	12.26	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3124	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	2.23	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	8.1	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1968	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	25.73	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	690	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	262	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	2.41	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	639.80	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	217.86	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	10.80	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.36	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	92	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	111.83	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	337	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	2.7	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	9.4	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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Contact: Mo.: +91-93136 16978 / 93136 16730
E-mail : info@vasundharaenterprise.in
Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VE/W/202406/0010			Date:		11/06/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	03/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	03/06/2024	Sample ID	:	W/202406/0010
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	03/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/06/2024
Type of Container	:	Plastic Container	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	2.61	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

----------**End Report**----------

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

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VE/W/202406/0011			Date:		11/06/2024
URL No.: TC0958124000000205F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	03/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	03/06/2024	Sample ID	:	W/202406/0011
Sampling Location	:	EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	03/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/06/2024
Type of Container	:	Plastic Container	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	7.5	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	8.36	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3495	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.85	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7.1	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2202	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	21.44	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	550	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	304	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.06	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	514.84	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	268.30	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	0.89	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.53	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	107.2	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	68.55	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	424	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	7.6	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 ^{0}C for 3 Days	7	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/202406/0011			Date:		11/06/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	03/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	03/06/2024	Sample ID	:	W/202406/0011
Sampling Location	:	EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	03/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/06/2024
Type of Container	:	Plastic Container	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	0.87	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VE/W/202406/0012			Date:		11/06/2024
URL No.: TC0958124000000206F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	03/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	03/06/2024	Sample ID	:	W/202406/0012
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	03/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/06/2024
Type of Container	:	Plastic Container	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	7.21	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	16.05	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	5898	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	1.21	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7.6	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3716	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	77.18	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	1280	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	270	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	2.41	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1244.61	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	212.50	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	23.88	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	1.20	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	312	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	121.55	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	512	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3	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	24	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/202406/0012			Date:		11/06/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	03/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	03/06/2024	Sample ID	:	W/202406/0012
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	03/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/06/2024
Type of Container	:	Plastic Container	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	15.2	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VE/W/202406/0013			Date:		11/06/2024
URL No.: TC0958124000000216F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	04/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/06/2024	Sample ID	:	W/202406/0013
Sampling Location	:	Jitali Navinagari	Sample Description	:	Surface Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	08/06/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C		

Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.44	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	8.5	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	2556	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.74	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	3.4	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1610	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	20.08	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	600	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	380	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.76	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	499.85	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	115.18	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	0.31	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.68	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	108	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	80.22	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	161	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.6	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	7	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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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VE/W/202406/0013			Date:		11/06/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	04/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/06/2024	Sample ID	:	W/202406/0013
Sampling Location	:	Jitali Navinagari	Sample Description	:	Surface Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	08/06/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C		

Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	1.2	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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Authorized Signatory

Head Office:
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GIDC, Ankleshwar – 393002

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

LABORATORY TESTING REPORT

Report No.: VE/W/202406/0014			Date:		11/06/2024
URL No.: TC0958124000000217F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	04/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/06/2024	Sample ID	:	W/202406/0014
Sampling Location	:	Jitali Grampanchayat	Sample Description	:	Surface Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	08/06/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C		

Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.97	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	6.9	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	2421	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.45	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	3.4	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1524	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	16.064	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	368	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	260	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.08	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	404.87	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	201.34	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	0.28	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.18	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	80	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	40.84	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	256	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.3	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	6.2	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/202406/0014			Date:		11/06/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	04/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/06/2024	Sample ID	:	W/202406/0014
Sampling Location	:	Jitali Grampanchayat	Sample Description	:	Surface Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	08/06/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C		

Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	1.02	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VE/W/202406/0015			Date:		11/06/2024
URL No.: TC0958124000000218F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	04/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/06/2024	Sample ID	:	W/202406/0015
Sampling Location	:	C M Tank	Sample Description	:	Surface Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	08/06/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C		

Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	7.59	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	10.3	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	4938	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.91	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	5.2	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3116	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	52.208	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	1080	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	380	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.14	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	974.70	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	383.04	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	17.75	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.24	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	176	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	155.58	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	346	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	5.8	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.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	19	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/202406/0015			Date:		11/06/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	04/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/06/2024	Sample ID	:	W/202406/0015
Sampling Location	:	C M Tank	Sample Description	:	Surface Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	08/06/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C		

Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	1.6	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.057	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VE/W/202406/0016			Date:		11/06/2024
URL No.: TC0958124000000219F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	04/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/06/2024	Sample ID	:	W/202406/0016
Sampling Location	:	GNFC Pond	Sample Description	:	Surface Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	08/06/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C		

Surface 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	7.8	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3320	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.67	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	4.4	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2092	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	16.064	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	260	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	308	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.85	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	594.82	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	138.75	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	0.95	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.64	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	28	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	46.19	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	307	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.1	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	5.6	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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LABORATORY TESTING REPORT

Report No.: VE/W/202406/0016			Date:		11/06/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	04/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/06/2024	Sample ID	:	W/202406/0016
Sampling Location	:	GNFC Pond	Sample Description	:	Surface Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	08/06/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C		

Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	1.4	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.036	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VE/W/202406/0017			Date:		11/06/2024
URL No.: TC0958124000000220F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	04/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/06/2024	Sample ID	:	W/202406/0017
Sampling Location	:	GIDC Pond	Sample Description	:	Surface Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	08/06/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C		

Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
1.	pH	8.58	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	5.2	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	386	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.62	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	3.8	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	242	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	BDL<4.0	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	130	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	132	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.51	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	17.99	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	14.11	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	2.40	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.10	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	20	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	19.45	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	19	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	1.5	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	BDL<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/202406/0017			Date:		11/06/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dipak Meghpara			
Date of Sample Collection	:	04/06/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/06/2024	Sample ID	:	W/202406/0017
Sampling Location	:	GIDC Pond	Sample Description	:	Surface Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	08/06/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C		

Surface Water Analysis Results

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	0.9	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu 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.

Verified By

Authorized Signatory

Head Office:
S-306 & 308, 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

ENVIRONMENTAL MONITORING REPORT

[Period: July 2024]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA ENTERPRISE

Shop No: 306,308, Multilevel Shed: 2,
Opp.Kanoria Chemical, GIDC,
Ankleshwar-393002.

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Environmental Monitoring Plan
For M/s. BEIL Infrastructure Ltd. (Ankleshwar)
Plot No. 9701-9716, GIDC Estate,
Ankleshwar-393002, Dist: Bharuch.
By – Vasundhara Enterprise

Sr. No.	Environmental Component	Parameters	Location	Frequency	Monitoring Carried out in July - 2024
1.	Ambient Air Quality Monitoring	PM_{10}, $PM_{2.5}$, SO_x, NO_x, Cl_2, NH_3, H_2S, Ozone, Pb, Ni, As, HCL, HC, CO, C_6H_6, BaP.	03	Monthly	03
2.	Noise Location	Leq dB(A)	07	Monthly	07
3.	Ground Water Monitoring	Parameters: pH, Color, Conductivity, Turbidity, TSS, TDS, TOC, COD Total Hardness, Total Alkalinity, TKN, Chloride, Sulphate, Nitrate, Lead, Cadmium, Copper, Chromium, Mercury, Nickel, Cyanide, Arsenic, Manganese, Iron, Zinc, Fluoride, Pesticides (Organo Chlorine, Organo Nitrogen , Syntheti Pyrethroid, Carbamates), Calcium, Magnesium, Sodium, Potassium, Phosphate, Ammonical Nitrogen, BOD, Oil And Grease	12	Monthly	12

1.0 AMBIENT AIR QUALITY MONITORING REPORT



[Period: July 2024]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA ENTERPRISE

LABORATORY TESTING REPORT

Report No.: VE/AA/202407/0001			Date:		15/07/2024
URL No.: TC0958124000000350F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	05/07/2024	Sampling Type	:	–
Sample Receipt Date	:	05/07/2024	Sample ID	:	AA/202407/0001
Sampling Location	:	Nr. On the roof of laboratory	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	:	05/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/07/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours)	:	24 Hrs.
Environmental Condition during the test			25°C ±3 °C		

Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM_{10}	$\mu g/m^3$	51.4	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	$\mu g/m^3$	23.5	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	$\mu g/m^3$	20.1	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	$\mu g/m^3$	18.4	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl_2)	$\mu g/m^3$	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH_3)	$\mu g/m^3$	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H_2S)	$\mu g/m^3$	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	$\mu g/m^3$	15.82	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	$\mu g/m^3$	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	$\mu g/m^3$	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

Reg. Office :
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Opp. Kanoria Chemicals,
GIDC, Ankleshwar – 393002

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

LABORATORY TESTING REPORT

Report No.: VE/AA/202407/0001			Date:		15/07/2024
URL No.:--					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	05/07/2024	Sampling Type	:	–
Sample Receipt Date	:	05/07/2024	Sample ID	:	AA/202407/0001
Sampling Location	:	Nr. On the roof of laboratory	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	:	05/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/07/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions 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.	Arsenic as As	µg/m³	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m³	0.95	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C_6H_6)	µg/m³	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m³	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

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

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Ayushi K Chaturvedi (Quality Manager)

Vasundhara Biosustain Pvt. Ltd. Ankleshwar

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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/AA/202407/0002			Date:		15/07/2024
URL No.: TC0958124000000351F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	05/07/2024	Sampling Type	:	–
Sample Receipt Date	:	05/07/2024	Sample ID	:	AA/202407/0002
Sampling Location	:	Nr. Oppo. of C6CW4 Detox Side	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	:	05/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/07/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours)	:	24 Hrs.
Environmental Condition during the test			25°C ±3 °C		

Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM_{10}	$\mu g/m^3$	50.6	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	$\mu g/m^3$	22.8	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	$\mu g/m^3$	17.5	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	$\mu g/m^3$	15.42	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl_2)	$\mu g/m^3$	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH_3)	$\mu g/m^3$	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H_2S)	$\mu g/m^3$	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	$\mu g/m^3$	19.05	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	$\mu g/m^3$	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	$\mu g/m^3$	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

Ayushi K Chaturvedi (Quality Manager)

Verified By

Vasundhara Biosustain Pvt. Ltd. Ankleshwar

Authorised Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

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LABORATORY TESTING REPORT

Report No.: VE/AA/202407/0002			Date:		15/07/2024
URL No.: –					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	05/07/2024	Sampling Type	:	–
Sample Receipt Date	:	05/07/2024	Sample ID	:	AA/202407/0002
Sampling Location	:	Nr. Oppo. of C6CW4 Detox Side	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	:	05/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/07/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions 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.	Arsenic as As	µg/m³	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m³	0.93	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C_6H_6)	µg/m³	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m³	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

----------**End Report**----------

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Ayushi K Chaturvedi (Quality Manager)

Verified By

Vasundhara Biosustain Pvt. Ltd. Ankleshwar

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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/AA/202407/0003			Date:		15/07/2024
URL No.: TC0958124000000352F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	05/07/2024	Sampling Type	:	–
Sample Receipt Date	:	05/07/2024	Sample ID	:	AA/202407/0003
Sampling Location	:	Nr. Landfill Phase-4 near Security Tower	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	:	05/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/07/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours)	:	24 Hrs.
Environmental Condition during the test			25°C ±3 °C		

Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM_{10}	µg/m³	52	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	µg/m³	25.1	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	µg/m³	19.2	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	µg/m³	17.68	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl_2)	µg/m³	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH_3)	µg/m³	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H_2S)	µg/m³	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	µg/m³	17.22	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m³	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m³	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

Ayushi K Chaturvedi (Quality Manager)

Vasundhara Biosustain Pvt. Ltd. Ankleshwar

Verified By

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Opp. Kanoria Chemicals,
GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/AA/202406/0003			Date:		15/07/2024
URL No.:--					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	04/06/2024	Sampling Type	:	–
Sample Receipt Date	:	04/06/2024	Sample ID	:	AA/202406/0003
Sampling Location	:	Nr. Landfill Phase-4 near Security Tower	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	:	04/06/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/06/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions 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.	Arsenic as As	µg/m³	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m³	0.90	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C_6H_6)	µg/m³	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m³	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

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

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

Ayushi K Chaturvedi (Quality Manager)

Verified By

Authorized Signatory

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Website : www.vasundharaenterprise.in

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

3.0 NOISE LEVEL MONITORING REPORT



[Period: July 2024]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA ENTERPRISE

LABORATORY TESTING REPORT

Report No.: VE/AN/202407/0001			Date: 15/07/2024		
URL No.: TC0958124000000349F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	04/07/2024	Sampling Type	:	Instrument Method
Sample Receipt Date	:	04/07/2024	Sample ID	:	AN/202407/0001
Sampling Location	:	Noise	Sample Description	:	Noise Monitoring
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring	:	IS 9989-1991
Analysis Started On	:	-	Analysis Completed On	:	-
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.	Parameter	Day Time	Night Time	Unit	Protocol Used for Analysis
Permissible Limit		**75**	**70**	**dB(A)**	-
1.	Nr. Main Gate	60.1	53.4	dB(A)	IS 9989-1991
2.	Nr. Incinerator Area	64.5	52.1	dB(A)	IS 9989-1991
3.	Nr. Lab Area	57.3	47.6	dB(A)	IS 9989-1991
4.	Nr. Admin Building	55.6	46.8	dB(A)	IS 9989-1991
5.	Nr. Truck Washing Area	66.2	59.4	dB(A)	IS 9989-1991
6.	Nr. Drum Storage Area	58.9	48.7	dB(A)	IS 9989-1991
7.	Nr. East of Incinerator Area	67.1	57.2	dB(A)	IS 9989-1991

----------**End Report**----------

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Verified By

Ayushi K Chaturvedi (Quality Manager)

Vasundhara Biosustain Pvt. Ltd. Ankleshwar

Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

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Website : www.vasundharaenterprise.in

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

4.0 WATER QUALITY MONITORING REPORT



[Period: July 2024]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA ENTERPRISE

LABORATORY TESTING REPORT

Report No.: VE/W/202407/0001			Date:		15/07/2024
URL No.: TC0958124000000337F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	04/07/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/07/2024	Sample ID	:	W/202407/0001
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/07/2024
Type of Container	:	Plastic Container	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	7.12	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	10.86	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	6601	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.89	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	6.5	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	4158	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	27.78	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	1550	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	352	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.84	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1629.49	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	204.02	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	3.14	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.94	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	344	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	167.74	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	348	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	5.3	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	9.7	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Verified By

Ayushi K Chaturvedi (Quality Manager)

Vasundhara Biosustain Pvt. Ltd. Ankleshwar

Authorized Signatory

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Reg. Office :
S-404, Multilevel Shed-2,
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Laboratory :
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LABORATORY TESTING REPORT

Report No.: VE/W/202407/0001			Date:		15/07/2024
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	04/07/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/07/2024	Sample ID	:	W/202407/0001
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/07/2024
Type of Container	:	Plastic Container	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	3.87	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.093	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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

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

Ayushi K Chaturvedi (Quality Manager)

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Authorized Signatory

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LABORATORY TESTING REPORT

Report No.: VE/W/202407/0013			Date:		15/07/2024
URL No.: TC09581240000000363F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	10/07/2024	Sampling Type	:	Grab
Date of Sample Received	:	10/07/2024	Sample ID	:	W/202407/0013
Sampling Location	:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	10/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	15/07/2024
Type of Container	:	Plastic Container	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	7.52	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	4.86	Hazen	APHA 24th Edition 2120 C: 2022
3.	Conductivity	2089	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.66	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	6.9	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1316	mg/L	APHA 24th Edition 2540- C: 2022
7.	Chemical Oxygen Demand	15.87	mg/L	IS 3025 (Part 58): 2006
8.	Total Hardness as CaCO3	390	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	228	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.18	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	314.90	mg/L	APHA 24th Edition 4500- Cl- B: 2022
12.	Sulphate (as SO4)	203.13	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	0.68	mg/L	IS 3025 (Part 34): 2022
14.	Fluoride	0.69	mg/L	APHA 24th Edition 4500- F- B & D: 2022
15.	Calcium (as Ca)	122	mg/L	APHA 24th Edition 3500- Ca-B: 2022
16.	Magnesium (as Mg)	20.66	mg/L	APHA 24th Edition 3500 Mg B: 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	521	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	5.1	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	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/202407/0013			Date:		15/07/2024
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	10/07/2024	Sampling Type	:	Grab
Date of Sample Received	:	10/07/2024	Sample ID	:	W/202407/0013
Sampling Location	:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	10/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	15/07/2024
Type of Container	:	Plastic Container	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	1.15	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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

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Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/W/202407/0002			Date:		15/07/2024
URL No.: TC0958124000000338F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	04/07/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/07/2024	Sample ID	:	W/202407/0002
Sampling Location	:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/07/2024
Type of Container	:	Plastic Container	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	7.42	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	9.86	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	2511	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.92	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7.7	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1582	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	15.87	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	480	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	258	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.90	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	369.89	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	310.27	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	2.46	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.73	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	145.2	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	28.44	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	314	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.	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

Verified By

Ayushi K Chaturvedi (Quality Manager)

Vasundhara Biosustain Pvt. Ltd. Ankleshwar

Authorized Signatory

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LABORATORY TESTING REPORT

Report No.: VE/W/202407/0002			Date:		15/07/2024
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	04/07/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/07/2024	Sample ID	:	W/202407/0002
Sampling Location	:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/07/2024
Type of Container	:	Plastic Container	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	1.41	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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

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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/W/202407/0003			Date:		15/07/2024
URL No.: TC0958124000000339F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	04/07/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/07/2024	Sample ID	:	W/202407/0003
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/07/2024
Type of Container	:	Plastic Container	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	7.16	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	8.31	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3401	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.66	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	6.8	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2142	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	23.81	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	600	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	284	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.73	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	609.81	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	204.46	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	2.34	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.77	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	91.2	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	90.43	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	268	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	6.5	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	8.3	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Verified By

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LABORATORY TESTING REPORT

Report No.: VE/W/202407/0003			Date:		15/07/2024
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	04/07/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/07/2024	Sample ID	:	W/202407/0003
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/07/2024
Type of Container	:	Plastic Container	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	1.09	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu 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 Biosustain Pvt. Ltd, unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implemented.
2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

Ayushi K Chaturvedi (Quality Manager)

Vasundhara Biosustain Pvt. Ltd. Ankleshwar

Verified By

Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

Reg. Office :
S-404, Multilevel Shed-2,
Opp. Kanoria Chemicals,
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Contact:
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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/W/202407/0004			Date:		15/07/2024
URL No.: TC0958124000000340F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	04/07/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/07/2024	Sample ID	:	W/202407/0004
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/07/2024
Type of Container	:	Plastic Container	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	7.09	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	11.425	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	5834	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	1.51	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7.1	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3676	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	23.81	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	1370	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	366	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.67	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1159.64	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	202.23	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	7.20	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.42	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	192	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	216.36	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	328	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.9	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	8	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Ayushi K Chaturvedi (Quality Manager)

Verified By

Vasundhara Biosustain Pvt. Ltd. Ankleshwar.

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LABORATORY TESTING REPORT

Report No.: VE/W/202407/0004			Date:		15/07/2024
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	04/07/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/07/2024	Sample ID	:	W/202407/0004
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/07/2024
Type of Container	:	Plastic Container	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	5.42	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022 ,
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.052	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

----------**End Report**----------

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Ayushi K Chaturvedi (Quality Manager)

Verified By

Vasundhara Biosustain Pvt. Ltd. Ankleshwar

Authorized Signatory

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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/W/202407/0005			Date:		15/07/2024
URL No.: TC0958124000000341F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	04/07/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/07/2024	Sample ID	:	W/202407/0005
Sampling Location	:	HB-5 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/07/2024
Type of Container	:	Plastic Container	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	7.31	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	7.33	Hazen	APHA 24th Edition 2120 C: 2022
3.	Conductivity	3211	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.86	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	6.9	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2024	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	19.84	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	580	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	222	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.68	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	514.84	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	202.23	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	2.18	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.30	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	108	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	75.36	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	319	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	6.1	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	7	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Ayushi K Chaturvedi (Quality Manager)

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LABORATORY TESTING REPORT

Report No.: VE/W/202407/0005			Date:		15/07/2024
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	04/07/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/07/2024	Sample ID	:	W/202407/0005
Sampling Location	:	HB-5 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/07/2024
Type of Container	:	Plastic Container	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	2.51	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

----------**End Report**----------

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Ayushi K Chaturvedi (Quality Manager)

Verified By

Vasundhara Biosustain Pvt. Ltd. Ankleshwar

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Laboratory :
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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/W/202407/0006			Date:		15/07/2024
URL No.: TC0958124000000342F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	04/07/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/07/2024	Sample ID	:	W/202407/0006
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/07/2024
Type of Container	:	Plastic Container	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	7.15	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	8.91	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3984	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	2.09	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7.5	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2510	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	15.87	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	730	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	462	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	2.07	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	769.76	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	211.16	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	2.52	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.63	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	142.4	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	90.92	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	351	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.2	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	5.4	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Ayushi K Chaturvedi (Quality Manager)

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LABORATORY TESTING REPORT

Report No.: VE/W/202407/0006			Date:		15/07/2024
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	04/07/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/07/2024	Sample ID	:	W/202407/0006
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/07/2024
Type of Container	:	Plastic Container	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	1.35	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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

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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/W/202407/0007			Date:		15/07/2024
URL No.: TC0958124000000343F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	04/07/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/07/2024	Sample ID	:	W/202407/0007
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/07/2024
Type of Container	:	Plastic Container	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	7.18	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	11.32	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3702	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.84	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7.2	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2332	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	19.84	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	760	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	350	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.56	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	784.76	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	207.14	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	6.71	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.74	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	103.2	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	122.04	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	420	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.5	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	7.3	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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Website : www.vasundharaenterprise.in

Laboratory :
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LABORATORY TESTING REPORT

Report No.: VE/W/202407/0007			Date:		15/07/2024
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	04/07/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/07/2024	Sample ID	:	W/202407/0007
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/07/2024
Type of Container	:	Plastic Container	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	3.18	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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

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LABORATORY TESTING REPORT

Report No.: VE/W/202407/0009			Date:		15/07/2024
URL No.: TC0958124000000345F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	04/07/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/07/2024	Sample ID	:	W/202407/0009
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/07/2024
Type of Container	:	Plastic Container	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	7.22	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	15.96	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	5018	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.72	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7.3	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3162	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	31.74	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	840	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	348	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.78	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	844.74	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	304.02	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	7.02	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.86	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	146	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	115.47	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	511	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	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	11	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/202407/0009			Date:		15/07/2024
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	04/07/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/07/2024	Sample ID	:	W/202407/0009
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/07/2024
Type of Container	:	Plastic Container	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	5.04	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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

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Ayushi K Chaturvedi (Quality Manager)

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LABORATORY TESTING REPORT

Report No.: VE/W/202407/0010			Date:		15/07/2024
URL No.: TC0958124000000346F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	04/07/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/07/2024	Sample ID	:	W/202407/0010
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/07/2024
Type of Container	:	Plastic Container	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	7.36	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	12.44	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3057	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	2.56	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	8	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1926	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	23.81	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	610	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	270	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	2.52	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	629.80	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	196.43	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	9.82	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.33	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	80.8	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	99.18	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	352	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.3	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	8.3	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Ayushi K Chaturvedi (Quality Manager)

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LABORATORY TESTING REPORT

Report No.: VE/W/202407/0010			Date:		15/07/2024
URL No.: -					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	04/07/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/07/2024	Sample ID	:	W/202407/0010
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/07/2024
Type of Container	:	Plastic Container	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	2.19	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu 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/202407/0011			Date:		15/07/2024
URL No.: TC0958124000000347F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	04/07/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/07/2024	Sample ID	:	W/202407/0011
Sampling Location	:	EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/07/2024
Type of Container	:	Plastic Container	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	7.48	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	8.91	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3430	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.86	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7.4	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2161	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	19.84	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	530	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	318	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.18	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	474.85	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	229.46	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	0.77	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.62	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	112	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	60.78	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	454	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	7.3	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	6.7	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Ayushi K Chaturvedi (Quality Manager)

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LABORATORY TESTING REPORT

Report No.: VE/W/202407/0011			Date:		15/07/2024
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	04/07/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/07/2024	Sample ID	:	W/202407/0011
Sampling Location	:	EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/07/2024
Type of Container	:	Plastic Container	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	1.02	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu 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 Biosustain Pvt. Ltd unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implemented.
2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

Ayushi K Chaturvedi (Quality Manager)

Vasundhara Biosustain Pvt. Ltd. Ankleshwar

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

LABORATORY TESTING REPORT

Report No.: VE/W/202407/0012			Date:		15/07/2024
URL No.: TC0958124000000348F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	04/07/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/07/2024	Sample ID	:	W/202407/0012
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/07/2024
Type of Container	:	Plastic Container	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	7.11	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	16.86	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	5826	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	1.22	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7.1	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3671	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	67.46	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	1610	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	256	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	2.30	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1204.63	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	224.11	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	22.43	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	1.17	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	296.8	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	211.01	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	503	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.6	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	22	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Ayushi K Chaturvedi (Quality Manager)

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Vasundhara Biosustain Pvt. Ltd. Ankleshwar

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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/W/202407/0012			Date:		15/07/2024
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	04/07/2024	Sampling Type	:	Grab
Date of Sample Received	:	04/07/2024	Sample ID	:	W/202407/0012
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	04/07/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/07/2024
Type of Container	:	Plastic Container	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	13.6	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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Ayushi K Chaturvedi (Quality Manager)

Verified By

Authorized Signatory

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Website : www.vasundharaenterprise.in

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

ENVIRONMENTAL MONITORING REPORT

[Period: Aug 2024]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA ENTERPRISE

Shop No: 306,308, Multilevel Shed: 2,
Opp.Kanoria Chemical, GIDC,
Ankleshwar-393002.

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Environmental Monitoring Plan
For M/s. BEIL Infrastructure Ltd. (Ankleshwar)
Plot No. 9701-9716, GIDC Estate,
Ankleshwar-393002, Dist: Bharuch.
By – Vasundhara Enterprise

Sr. No.	Environmental Component	Parameters	Location	Frequency	Monitoring Carried out in Aug - 2024
1.	Ambient Air Quality Monitoring	PM_{10}, $PM_{2.5}$, SO_x, NO_x, Cl_2, NH_3, H_2S, Ozone, Pb, Ni, As, HCL, HC, CO, C_6H_6, BaP.	03	Monthly	03
2.	Noise Location	Leq dB(A)	07	Monthly	07
3.	Ground Water Monitoring	Parameters: pH, Color, Conductivity, Turbidity, TSS, TDS, TOC, COD Total Hardness, Total Alkalinity, TKN, Chloride, Sulphate, Nitrate, Lead, Cadmium, Copper, Chromium, Mercury, Nickel, Cyanide, Arsenic, Manganese, Iron, Zinc, Fluoride, Pesticides (Organo Chlorine, Organo Nitrogen , Syntheti Pyrethroid, Carbamates), Calcium, Magnesium, Sodium, Potassium, Phosphate, Ammonical Nitrogen, BOD, Oil And Grease	12	Monthly	12
4.	Stack Monitoring	PM, SO2, NOx, HCL, Cl2, Ammonia (NH3), Hydrocarbon (HC), Hydrogen Sulphide (H2S), Carbon Monoxide (CO), Hydrogen Fluoride, (HF), Cd + Th (and its Compounds), Hg (and its Compounds), Lead (Pb), Chromium (Cr), Copper (Cu), Nickel (Ni), Zinc (Zn), Vanadium & Its Compound, Antimony, Arsenic, Manganese, Combustion Efficiency, Carbon Dioxide, Oxygen.	12	Quarterly	05

1.0 AMBIENT AIR QUALITY MONITORING REPORT



[Period: Aug 2024]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA ENTERPRISE

LABORATORY TESTING REPORT

Report No.: VE/AA/202408/0001			Date:		09/08/2024
URL No.: TC0958124000000410F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	02/08/2024	Sampling Type	:	–
Sample Receipt Date	:	02/08/2024	Sample ID	:	AA/202408/0001
Sampling Location	:	Nr. On the roof of laboratory	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	:	02/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	05/08/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours)	:	24 Hrs.
Environmental Condition during the test			25°C ±3 °C		

Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM_{10}	µg/m³	53.6	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	µg/m³	24.2	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	µg/m³	18.8	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	µg/m³	16.5	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl_2)	µg/m³	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH_3)	µg/m³	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H_2S)	µg/m³	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	µg/m³	13.74	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m³	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m³	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VE/AA/202408/0001			Date:		09/08/2024
URL No.: --					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	02/08/2024	Sampling Type	:	–
Sample Receipt Date	:	02/08/2024	Sample ID	:	AA/202408/0001
Sampling Location	:	Nr. On the roof of laboratory	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	:	02/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	05/08/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions 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.	Arsenic as As	µg/m³	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m³	0.93	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C_6H_6)	µg/m³	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m³	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

----------**End Report**----------

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Verified By

Ayushi K Chaturvedi (Quality Manager)
Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VE/AA/202408/0002			Date:		09/08/2024
URL No.: TC0958124000000411F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	02/08/2024	Sampling Type	:	–
Sample Receipt Date	:	02/08/2024	Sample ID	:	AA/202408/0002
Sampling Location	:	Nr. Oppo. of C6CW4 Detox Side	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	:	02/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	05/08/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours)	:	24 Hrs.
Environmental Condition during the test			25°C ±3 °C		

Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM_{10}	µg/m³	55.1	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	µg/m³	21.4	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	µg/m³	19.1	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	µg/m³	17.3	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl_2)	µg/m³	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH_3)	µg/m³	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H_2S)	µg/m³	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	µg/m³	16.63	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m³	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m³	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/AA/202408/0002			Date:		09/08/2024
URL No.: –					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	02/08/2024	Sampling Type	:	–
Sample Receipt Date	:	02/08/2024	Sample ID	:	AA/202408/0002
Sampling Location	:	Nr. Oppo. of C6CW4 Detox Side	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	:	02/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	05/08/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions 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.	Arsenic as As	µg/m³	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m³	0.91	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C_6H_6)	µg/m³	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m³	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

----------**End Report**----------

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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/AA/202408/0003			Date:		09/08/2024
URL No.: TC0958124000000412F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	02/08/2024	Sampling Type	:	–
Sample Receipt Date	:	02/08/2024	Sample ID	:	AA/202408/0003
Sampling Location	:	Nr. Landfill Phase-4 near Security Tower	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	:	02/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	05/08/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours)	:	24 Hrs.
Environmental Condition during the test			25°C ±3 °C		

Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM_{10}	µg/m³	54.8	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	µg/m³	28.6	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	µg/m³	21.2	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	µg/m³	16.9	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl_2)	µg/m³	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH_3)	µg/m³	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H_2S)	µg/m³	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	µg/m³	14.25	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m³	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m³	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

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Laboratory :
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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/AA/202408/0003			Date:		09/08/2024
URL No.: –					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	02/08/2024	Sampling Type	:	–
Sample Receipt Date	:	02/08/2024	Sample ID	:	AA/202408/0003
Sampling Location	:	Nr. Landfill Phase-4 near Security Tower	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	:	02/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	05/08/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions 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.	Arsenic as As	µg/m³	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m³	0.88	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C6H6)	µg/m³	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m³	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

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

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

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2.0 NOISE LEVEL MONITORING REPORT



[Period: Aug 2024]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA ENTERPRISE

LABORATORY TESTING REPORT

Report No.: VE/AN/202408/0001			Date:		09/08/2024
URL No.: TC0958124000000409F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	01/08/2024	Sampling Type	:	Instrument Method
Sample Receipt Date	:	01/08/2024	Sample ID	:	AN/202408/0001
Sampling Location	:	Noise	Sample Description	:	Noise Monitoring
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring	:	IS 9989-1991
Analysis Started On	:	-	Analysis Completed On	:	-
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.	Parameter	Day Time	Night Time	Unit	Protocol Used for Analysis
	Permissible Limit	**75**	**70**	**dB(A)**	-
1.	Nr. Main Gate	57.8	51.5	dB(A)	IS 9989-1991
2.	Nr. Incinerator Area	69.1	55.3	dB(A)	IS 9989-1991
3.	Nr. Lab Area	60.3	50.8	dB(A)	IS 9989-1991
4.	Nr. Admin Building	58.4	48.6	dB(A)	IS 9989-1991
5.	Nr. Truck Washing Area	68.6	57.1	dB(A)	IS 9989-1991
6.	Nr. Drum Storage Area	55.1	46.9	dB(A)	IS 9989-1991
7.	Nr. East of Incinerator Area	70.3	63.5	dB(A)	IS 9989-1991

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Verified By

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3.0 WATER QUALITY MONITORING REPORT



[Period: Aug 2024]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA ENTERPRISE

LABORATORY TESTING REPORT

Report No.: VE/W/202408/0001			Date:		09/08/2024
URL No.: TC0958124000000396F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	01/08/2024	Sampling Type	:	Grab
Date of Sample Received	:	01/08/2024	Sample ID	:	W/202408/0001
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/08/2024
Type of Container	:	Plastic Container	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	7.25	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	9.88	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	6503	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.76	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	5.6	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	4050	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	24.19	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	1430	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	330	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.56	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1599.50	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	201.79	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	3.63	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.86	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	252	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	194.48	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	318	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	5.2	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	7.7	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/W/202408/0001			Date:		09/08/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	01/08/2024	Sampling Type	:	Grab
Date of Sample Received	:	01/08/2024	Sample ID	:	W/202408/0001
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/08/2024
Type of Container	:	Plastic Container	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	3.18	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.077	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

----------**End Report**----------

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Verified By

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LABORATORY TESTING REPORT

Report No.: VE/W/202408/0002			Date:		09/08/2024
URL No.: TC09581240000000397F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	01/08/2024	Sampling Type	:	Grab
Date of Sample Received	:	01/08/2024	Sample ID	:	W/202408/0002
Sampling Location	:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/08/2024
Type of Container	:	Plastic Container	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	7.44	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	7.92	Hazen	APHA 24th Edition 2120 C: 2022
3.	Conductivity	2070	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.59	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	6.3	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1275	mg/L	APHA 24th Edition 2540- C: 2022
7.	Chemical Oxygen Demand	12.10	mg/L	IS 3025 (Part 58): 2006
8.	Total Hardness as CaCO3	380	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	252	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.06	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	329.90	mg/L	APHA 24th Edition 4500- Cl- B: 2022
12.	Sulphate (as SO4)	201.34	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	1.23	mg/L	IS 3025 (Part 34): 2022
14.	Fluoride	0.76	mg/L	APHA 24th Edition 4500- F- B & D: 2022
15.	Calcium (as Ca)	96	mg/L	APHA 24th Edition 3500- Ca-B: 2022
16.	Magnesium (as Mg)	34.03	mg/L	APHA 24th Edition 3500 Mg B: 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	493	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	5.2	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	3.8	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/202408/0002			Date:		09/08/2024
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	01/08/2024	Sampling Type	:	Grab
Date of Sample Received	:	01/08/2024	Sample ID	:	W/202408/0002
Sampling Location	:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/08/2024
Type of Container	:	Plastic Container	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	1.06	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu 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/202408/0003			Date:		09/08/2024
URL No.: TC0958124000000398F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	01/08/2024	Sampling Type	:	Grab
Date of Sample Received	:	01/08/2024	Sample ID	:	W/202408/0003
Sampling Location	:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/08/2024
Type of Container	:	Plastic Container	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	7.04	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	10.02	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	2600	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	1.06	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	6.4	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1648	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	12.10	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	490	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	282	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.84	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	509.84	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	300.89	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	2.15	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.53	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	92	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	63.21	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	288	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.2	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	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

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

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

LABORATORY TESTING REPORT

Report No.: VE/W/202408/0003			Date:		09/08/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	01/08/2024	Sampling Type	:	Grab
Date of Sample Received	:	01/08/2024	Sample ID	:	W/202408/0003
Sampling Location	:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/08/2024
Type of Container	:	Plastic Container	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	1.66	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu 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 Biosustain Pvt. Ltd, unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implemented.
2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/W/202408/0004			Date:		09/08/2024
URL No.: TC0958124000000399F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	01/08/2024	Sampling Type	:	Grab
Date of Sample Received	:	01/08/2024	Sample ID	:	W/202408/0004
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/08/2024
Type of Container	:	Plastic Container	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	7.29	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	8.22	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3410	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.71	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	6.2	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2200	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	16.13	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	530	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	270	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.62	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	649.80	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	203.57	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	2.49	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.82	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	144	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	41.33	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	211	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	6.8	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.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	4.8	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Ayushi K Chaturvedi (Quality Manager)

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LABORATORY TESTING REPORT

Report No.: VE/W/202408/0004			Date:		09/08/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	01/08/2024	Sampling Type	:	Grab
Date of Sample Received	:	01/08/2024	Sample ID	:	W/202408/0004
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/08/2024
Type of Container	:	Plastic Container	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	1.24	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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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

TC-9581

LABORATORY TESTING REPORT

Report No.: VE/W/202408/0005			Date:		09/08/2024
URL No.: TC0958124000000400F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	01/08/2024	Sampling Type	:	Grab
Date of Sample Received	:	01/08/2024	Sample ID	:	W/202408/0005
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/08/2024
Type of Container	:	Plastic Container	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	7.18	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	9.84	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	5540	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	1.63	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7.2	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3420	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	20.16	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	1420	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	346	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.78	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1189.63	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	201.34	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	6.80	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.65	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	252	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	192.05	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	332	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	6.4	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Ayushi K Chaturvedi (Quality Manager)

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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/W/202408/0005			Date:		09/08/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	01/08/2024	Sampling Type	:	Grab
Date of Sample Received	:	01/08/2024	Sample ID	:	W/202408/0005
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/08/2024
Type of Container	:	Plastic Container	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	4.87	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.062	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu 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/202408/0006			Date:		09/08/2024
URL No.: TC0958124000000401F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	01/08/2024	Sampling Type	:	Grab
Date of Sample Received	:	01/08/2024	Sample ID	:	W/202408/0006
Sampling Location	:	HB-5 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/08/2024
Type of Container	:	Plastic Container	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	7.05	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	9.42	Hazen	APHA 24th Edition 2120 C: 2022
3.	Conductivity	3110	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.85	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	6.8	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1985	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	16.13	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	510	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	248	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.79	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	529.84	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	202.23	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	2.74	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.34	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	120	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	51.05	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	292	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	6.6	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	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/202408/0006			Date:		09/08/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	01/08/2024	Sampling Type	:	Grab
Date of Sample Received	:	01/08/2024	Sample ID	:	W/202408/0006
Sampling Location	:	HB-5 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/08/2024
Type of Container	:	Plastic Container	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	2.36	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

----------End Reports----------

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

LABORATORY TESTING REPORT

Report No.: VE/W/202408/0007			Date:		09/08/2024
URL No.: TC0958124000000402F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	01/08/2024	Sampling Type	:	Grab
Date of Sample Received	:	01/08/2024	Sample ID	:	W/202408/0007
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/08/2024
Type of Container	:	Plastic Container	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	7.11	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	9.63	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3920	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	1.99	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	6.5	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2420	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	20.16	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	770	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	450	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	2.24	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	809.75	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	202.68	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	2.12	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.50	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	116	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	116.69	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	365	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.1	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	4	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Ayushi K Chaturvedi (Quality Manager)

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LABORATORY TESTING REPORT

Report No.: VE/W/202408/0007			Date:		09/08/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	01/08/2024	Sampling Type	:	Grab
Date of Sample Received	:	01/08/2024	Sample ID	:	W/202408/0007
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/08/2024
Type of Container	:	Plastic Container	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	1.09	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

----------**End Reports**----------

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

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Ayushi K Chaturvedi (Quality Manager)

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LABORATORY TESTING REPORT

Report No.: VE/W/202408/0008			Date:		09/08/2024
URL No.: TC0958124000000403F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	01/08/2024	Sampling Type	:	Grab
Date of Sample Received	:	01/08/2024	Sample ID	:	W/202408/0008
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/08/2024
Type of Container	:	Plastic Container	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	7.46	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	10.45	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3520	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.81	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7.1	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2220	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	20.16	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	730	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	332	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.45	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	809.75	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	204.02	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	7.05	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.88	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	124	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	102.10	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	388	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.9	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 ^{0}C for 3 Days	6.7	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/202408/0008			Date:		09/08/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	01/08/2024	Sampling Type	:	Grab
Date of Sample Received	:	01/08/2024	Sample ID	:	W/202408/0008
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/08/2024
Type of Container	:	Plastic Container	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	3.07	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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

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Verified By

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LABORATORY TESTING REPORT

Report No.: VE/W/202408/0009			Date:		09/08/2024
URL No.: TC0958124000000404F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	01/08/2024	Sampling Type	:	Grab
Date of Sample Received	:	01/08/2024	Sample ID	:	W/202408/0009
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/08/2024
Type of Container	:	Plastic Container	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	7.25	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	16.32	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	5150	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.91	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	6.6	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3210	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	36.29	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	720	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	362	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.90	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	919.71	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	338.39	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	6.52	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.74	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	136	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	92.38	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	530	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.9	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	11.5	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/202408/0009				Date:	09/08/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	01/08/2024	Sampling Type	:	Grab
Date of Sample Received	:	01/08/2024	Sample ID	:	W/202408/0009
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/08/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-01
Environmental Condition during the test			25°C ±3 °C		

Ground Water Analysis Result

Sr. No.	Parameter	Result	Unit	Protocol used for Analysis
24.	TOC	4.72	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu 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/202408/0010			Date:		09/08/2024
URL No.: TC0958124000000405F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	01/08/2024	Sampling Type	:	Grab
Date of Sample Received	:	01/08/2024	Sample ID	:	W/202408/0010
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/08/2024
Type of Container	:	Plastic Container	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	7.12	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	14.12	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3110	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	2.37	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7.6	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1970	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	16.13	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	610	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	240	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	2.74	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	669.79	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	195.54	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	8.68	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.29	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	92	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	92.38	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	316	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	2.8	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	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 :
S-306 & 308, Multilevel Shed-2,
Opp. Kanoria Chemicals,
GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/W/202408/0010			Date:		09/08/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	01/08/2024	Sampling Type	:	Grab
Date of Sample Received	:	01/08/2024	Sample ID	:	W/202408/0010
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/08/2024
Type of Container	:	Plastic Container	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	1.69	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu 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:
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2. The test report in full or part shall not be used for promotional or publicity purposes without the written consent of Vasundhara Biosustain Pvt. Ltd.
3. Samples shall be stored for the period of 15 days after the date of issue of Report.

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

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

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

LABORATORY TESTING REPORT

Report No.: VE/W/202408/0011			Date:		09/08/2024
URL No.: TC0958124000000406F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	01/08/2024	Sampling Type	:	Grab
Date of Sample Received	:	01/08/2024	Sample ID	:	W/202408/0011
Sampling Location	:	EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/08/2024
Type of Container	:	Plastic Container	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	7.37	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	9.53	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3140	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.72	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	6.5	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2011	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	16.13	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	410	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	326	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.46	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	479.85	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	206.70	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	0.83	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.69	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	104	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	36.47	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	422	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	6.8	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.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	4.8	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

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Laboratory :
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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/W/202408/0011			Date:		09/08/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	01/08/2024	Sampling Type	:	Grab
Date of Sample Received	:	01/08/2024	Sample ID	:	W/202408/0011
Sampling Location	:	EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/08/2024
Type of Container	:	Plastic Container	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	1.33	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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

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Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/W/202408/0012			Date:		09/08/2024
URL No.: TC0958124000000407F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	01/08/2024	Sampling Type	:	Grab
Date of Sample Received	:	01/08/2024	Sample ID	:	W/202408/0012
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/08/2024
Type of Container	:	Plastic Container	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	7.48	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	17.86	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	5590	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	1.09	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	7.8	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3520	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	64.51	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	1510	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	270	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	2.13	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1249.61	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	200.45	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	21.75	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	1.29	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	292	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	189.62	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	502	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.2	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 ^{0}C for 3 Days	19.2	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Ayushi K Chaturvedi (Quality Manager)

Verified By

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

LABORATORY TESTING REPORT

Report No.: VE/W/202408/0012				Date:	09/08/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	01/08/2024	Sampling Type	:	Grab
Date of Sample Received	:	01/08/2024	Sample ID	:	W/202408/0012
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/08/2024
Type of Container	:	Plastic Container	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	11.8	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	BDL<0.01	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu 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:

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Ayushi K Chaturvedi (Quality Manager)

Verified By

Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

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

4.0 STACK MONITORING REPORT



[Period: Aug 2024]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA ENTERPRISE

LABORATORY TESTING REPORT

Report No.: VE/PE/202408/0011			Date:		26/08/2024
URL No.: –					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	23/08/2024	Sampling Type	:	Isokinetic Sampling
Sample Receipt Date	:	23/08/2024	Sample ID	:	PE/202408/0011
Sampling Location	:	New Scrubber Area-1	Sample Description	:	Process Emission
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring	:	IS 11255
Quantity / No. of Sample	:	Scrubbing Absorbing Media/Each	Analysis Started On	:	23/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	24/08/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-06
Meteorological conditions during monitoring	:	Clear Sky	Sampling Duration (Minute)	:	30 Minute
Ambient Temperature °C	:	28.1	Stack Temperature °C	:	53
Stack Kit Sr. No.	:	2002060268	Date Of Issue	:	27/12/2023
Calibration Certificates No.	:	ENP2312261327-S	Due Date	:	25/12/2024
Environmental Condition during the test			25°C ±3 °C		

Stack Emission Analysis Results

Sr. No.	Parameter	Result	GPCB Limit	Unit	Protocol used for Analysis
1.	Hydrochloric Acid as HCL	BDL	20	mg/Nm3	USEPA 26 A
2.	Chlorine as Cl2	BDL	9	mg/Nm3	EPA 26 A

----------**End Report**----------

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

Ayushi K Chaturvedi (Quality Manager)

Verified By

Authorized Signatory

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

LABORATORY TESTING REPORT

Report No.: VE/PE/202408/0008			Date:		26/08/2024
URL No.: TC0958124000000468F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	23/08/2024	Sampling Type	:	Isokinetic Sampling
Sample Receipt Date	:	23/08/2024	Sample ID	:	PE/202408/0008
Sampling Location	:	SPD Stack MEE Plant	Sample Description	:	Process Emission
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring	:	IS 11255
Quantity / No. of Sample	:	1 No. Of Thimble/Each	Analysis Started On	:	23/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	24/08/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-06
Meteorological conditions during monitoring	:	Clear Sky	Sampling Duration (Minute)	:	60 Minute
Ambient Temperature °C	:	28.7	Stack Temperature °C	:	88
Stack Kit Sr. No.	:	2002060268	Date Of Issue	:	27/12/2023
Calibration Certificates No.	:	ENP2312261327-S	Due Date	:	25/12/2024
Environmental Condition during the test			25°C ±3 °C		

Stack Emission Analysis Results

Sr. No.	Parameter	Result	GPCB Limit	Unit	Protocol used for Analysis
1.	Average Velocity	6.5	--	m/s	IS 11255 (Part 3), 2008
2.	Particulate Matter as PM	50.3	150	mg/Nm³	IS 11255 (Part 01): 1985

----------**End Report**----------

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3. Pvt. Ltd.
4. 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

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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/PE/202408/0009			Date:		26/08/2024
URL No.: TC0958124000000469F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	23/08/2024	Sampling Type	:	Isokinetic Sampling
Sample Receipt Date	:	23/08/2024	Sample ID	:	PE/202408/0009
Sampling Location	:	Landfillable Waste Stabilization area Scrubber (Shed No. 11)	Sample Description	:	Process Emission
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring	:	IS 11255
Quantity / No. of Sample	:	1 No. Of Thimble + Scrubbing Absorbing Media/Each	Analysis Started On	:	23/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	24/08/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-06
Meteorological conditions during monitoring	:	Clear Sky	Sampling Duration (Minute)	:	60 Minute
Ambient Temperature °C	:	29.5	Stack Temperature °C	:	65
Stack Kit Sr. No.	:	2002060268	Date Of Issue	:	27/12/2023
Calibration Certificates No.	:	ENP2312261327-S	Due Date	:	25/12/2024
Environmental Condition during the test			25°C ±3 °C		

Stack Emission Analysis Results

Sr. No.	Parameter	Result	GPCB Limit	Unit	Protocol used for Analysis
1.	Average Velocity	7.2	--	m/s	IS 11255 (Part 3), 2008
2.	Particulate Matter as PM	31.8	150	mg/Nm³	IS 11255 (Part 01): 1985

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/PE/202408/0009			Date:		26/08/2024
URL No.: –					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	23/08/2024	Sampling Type	:	Isokinetic Sampling
Sample Receipt Date	:	23/08/2024	Sample ID	:	PE/202408/0009
Sampling Location	:	Landfillable Waste Stabilization area Scrubber (Shed No. 11)	Sample Description	:	Process Emission
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring	:	IS 11255
Quantity / No. of Sample	:	1 No. Of Thimble + Scrubbing Absorbing Media/Each	Analysis Started On	:	23/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	24/08/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-06
Meteorological conditions during monitoring	:	Clear Sky	Sampling Duration (Minute)	:	60 Minute
Ambient Temperature °C	:	29.5	Stack Temperature °C	:	65
Stack Kit Sr. No.	:	2002060268	Date Of Issue	:	27/12/2023
Calibration Certificates No.	:	ENP2312261327-S	Due Date	:	25/12/2024
Environmental Condition during the test			25°C ±3 °C		

Stack Emission Analysis Results

Sr. No.	Parameter	Result	GPCB Limit	Unit	Protocol used for Analysis
3.	Hydrochloric Acid as HCL	BDL	20	mg/Nm3	USEPA 26 A

----------**End Report**----------

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

Ayushi K Chaturvedi (Quality Manager)

Verified By

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VE/PE/202408/0010			Date:		26/08/2024
URL No.: TC0958124000000470F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	23/08/2024	Sampling Type	:	Isokinetic Sampling
Sample Receipt Date	:	23/08/2024	Sample ID	:	PE/202408/0010
Sampling Location	:	PIT Mixing Scrubber Area	Sample Description	:	Process Emission
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring	:	IS 11255
Quantity / No. of Sample	:	1 No. Of Thimble + Scrubbing Absorbing Media/Each	Analysis Started On	:	23/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	24/08/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-06
Meteorological conditions during monitoring	:	Clear Sky	Sampling Duration (Minute)	:	60 Minute
Ambient Temperature °C	:	28.9	Stack Temperature °C	:	52
Stack Kit Sr. No.	:	2002060268	Date Of Issue	:	27/12/2023
Calibration Certificates No.	:	ENP2312261327-S	Due Date	:	25/12/2024
Environmental Condition during the test			25°C ±3 °C		

Stack Emission Analysis Results

Sr. No.	Parameter	Result	GPCB Limit	Unit	Protocol used for Analysis
1.	Average Velocity	7.1	--	m/s	IS 11255 (Part 3), 2008
2.	Particulate Matter as PM	36.2	150	mg/Nm³	IS 11255 (Part 01): 1985

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Ayushi K Chaturvedi (Quality Manager)

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Opp. Kanoria Chemicals,
GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/PE/202408/0010				Date:	26/08/2024
URL No.: –					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	23/08/2024	Sampling Type	:	Isokinetic Sampling
Sample Receipt Date	:	23/08/2024	Sample ID	:	PE/202408/0010
Sampling Location	:	PIT Mixing Scrubber Area	Sample Description	:	Process Emission
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring	:	IS 11255
Quantity / No. of Sample	:	1 No. Of Thimble + Scrubbing Absorbing Media/Each	Analysis Started On	:	23/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	24/08/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-06
Meteorological conditions during monitoring	:	Clear Sky	Sampling Duration (Minute)	:	60 Minute
Ambient Temperature °C	:	28.9	Stack Temperature °C	:	52
Stack Kit Sr. No.	:	2002060268	Date Of Issue	:	27/12/2023
Calibration Certificates No.	:	ENP2312261327-S	Due Date	:	25/12/2024
Environmental Condition during the test			25°C ±3 °C		

Stack Emission Analysis Results

Sr. No.	Parameter	Result	GPCB Limit	Unit	Protocol used for Analysis
3.	Hydrochloric Acid as HCL	BDL	20	mg/Nm3	USEPA 26 A

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Ayushi K Chaturvedi (Quality Manager)

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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/SE/202408/0013			Date:		26/08/2024
URL No.: TC0958124000000467F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	23/08/2024	Sampling Type	:	Isokinetic Sampling
Sample Receipt Date	:	23/08/2024	Sample ID	:	SE/202408/0013
Sampling Location	:	Incinerator (Incineration Plant-1)	Sample Description	:	Stack Emission
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring	:	IS 11255
Quantity / No. of Sample	:	1 No. Of Thimble + Scrubbing Absorbing Media/Each	Analysis Started On	:	23/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	24/08/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-06
Meteorological conditions during monitoring	:	Clear Sky	Sampling Duration (Minute)	:	60 Minute
Ambient Temperature °C	:	29.5	Stack Temperature °C	:	66
Stack Kit Sr. No.	:	2002060268	Date Of Issue	:	27/12/2023
Calibration Certificates No.	:	ENP2312261327-S	Due Date	:	25/12/2024
Environmental Condition during the test			25°C ±3 °C		

Stack Emission Analysis Results

Sr. No.	Parameter	Result	GPCB Limit	Unit	Protocol used for Analysis
1.	Average Velocity	7.7	--	m/s	IS 11255 (Part 3), 2008
2.	Particulate Matter as PM	28.5	50	mg/Nm³	IS 11255 (Part 01): 1985
3.	Sulphur Dioxide as SO_2	2.08	200	mg/Nm³	IS 11255 (Part 02): 1985
4.	Oxides of Nitrogen as NO_x	12.34	400	mg/Nm³	IS 11255 (Part 07): 2005
5.	Ammonia (NH_3)	BDL<1	–	mg/Nm³	IS 11255 (Part 06): 2019
6.	Hydrogen Sulphide (H_2S)	ND	–	mg/Nm³	IS 11255 (Part 04): 2006

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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/SE/202408/0013			Date:		26/08/2024
URL No.: --					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	23/08/2024	Sampling Type	:	Isokinetic Sampling
Sample Receipt Date	:	23/08/2024	Sample ID	:	SE/202408/0013
Sampling Location	:	Incinerator (Incineration Plant-1)	Sample Description	:	Stack Emission
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring	:	IS 11255
Quantity / No. of Sample	:	1 No. Of Thimble + Scrubbing Absorbing Media/Each	Analysis Started On	:	23/08/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	24/08/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-06
Meteorological conditions during monitoring	:	Clear Sky	Sampling Duration (Minute)	:	60 Minute
Ambient Temperature °C	:	29.5	Stack Temperature °C	:	66
Stack Kit Sr. No.	:	2002060268	Date Of Issue	:	27/12/2023
Calibration Certificates No.	:	ENP2312261327-S	Due Date	:	25/12/2024
Environmental Condition during the test			25°C ±3 °C		

Stack Emission Analysis Results

Sr. No.	Parameter	Result	GPCB Limit	Unit	Protocol used for Analysis
7.	Hydrochloric Acid as HCL	3.96	50	mg/Nm^3	USEPA 26 A
8.	Chlorine as Cl2	BDL	---	mg/Nm^3	EPA 26 A
9.	Hydrocarbon (HC)	ND	---	mg/m^3	USEPA Method
10.	Carbon Monoxide (CO)	5.2	100 Max	mg/Nm^3	Instrumental Method
11.	Hydrogen Fluoride (HF)	0.61	4 Max	mg/Nm^3	USEPA Method
12.	Cd + Th (and its Compounds)	ND	0.05 Max	mg/Nm^3	USEPA Method
13.	Hg (and its Compounds)	ND	0.05 Max	mg/Nm^3	USEPA Method
14.	Sb+As+Pb+Cr+Cu+Mn+Ni+V (and its Cpd)	0.23	0.5 Max	mg/Nm^3	USEPA Method
15.	Combustion Efficiency	99.85	–	%	Instrumental Method
16.	Carbon Dioxide	9.1	--	%	Instrumental Method
17.	Oxygen	7.0	--	%	Instrumental Method

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Ayushi K Chaturvedi (Quality Manager)

Verified By

Authorized Signatory

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

ENVIRONMENTAL MONITORING REPORT

[Period: Sep 2024]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA ENTERPRISE

Shop No: 306,308, Multilevel Shed: 2,
Opp.Kanoria Chemical, GIDC,
Ankleshwar-393002.

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Environmental Monitoring Plan
For M/s. BEIL Infrastructure Ltd. (Ankleshwar)
Plot No. 9701-9716, GIDC Estate,
Ankleshwar-393002, Dist: Bharuch.
By – Vasundhara Enterprise

Sr. No.	Environmental Component	Parameters	Location	Frequency	Monitoring Carried out in Sep - 2024
1.	Ambient Air Quality Monitoring	PM_{10}, $PM_{2.5}$, SO_x, NO_x, Cl_2, NH_3, H_2S, Ozone, Pb, Ni, As, HCL, HC, CO, C_6H_6, BaP.	03	Monthly	03
2.	Noise Location	Leq dB(A)	07	Monthly	07
3.	Ground Water Monitoring	Parameters: pH, Color, Conductivity, Turbidity, TSS, TDS, TOC, COD Total Hardness, Total Alkalinity, TKN, Chloride, Sulphate, Nitrate, Lead, Cadmium, Copper, Chromium, Mercury, Nickel, Cyanide, Arsenic, Manganese, Iron, Zinc, Fluoride, Pesticides (Organo Chlorine, Organo Nitrogen , Syntheti Pyrethroid, Carbamates), Calcium, Magnesium, Sodium, Potassium, Phosphate, Ammonical Nitrogen, BOD, Oil And Grease	12	Monthly	12
4.	Stack Monitoring	PM, SO2, NOx, HCL, Cl2, Ammonia (NH3), Hydrocarbon (HC), Hydrogen Sulphide (H2S), Carbon Monoxide (CO), Hydrogen Fluoride, (HF), Cd + Th (and its Compounds), Hg (and its Compounds), Lead (Pb), Chromium (Cr), Copper (Cu), Nickel (Ni), Zinc (Zn), Vanadium & Its Compound, Antimony, Arsenic, Manganese, Combustion Efficiency, Carbon Dioxide, Oxygen.	12	Quarterly	02

1.0 AMBIENT AIR QUALITY MONITORING REPORT



[Period: Sep 2024]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA ENTERPRISE

LABORATORY TESTING REPORT

Report No.: VE/AA/202409/0001			Date:		13/09/2024
URL No.: TC0958124000000508F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	06/09/2024	Sampling Type	:	–
Sample Receipt Date	:	06/09/2024	Sample ID	:	AA/202409/0001
Sampling Location	:	Nr. On the roof of laboratory	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	:	06/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/09/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours)	:	24 Hrs.
Environmental Condition during the test			25°C ±3 °C		

Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM_{10}	µg/m³	56.4	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	µg/m³	26.1	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	µg/m³	20.5	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	µg/m³	18.6	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl_2)	µg/m³	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH_3)	µg/m³	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H_2S)	µg/m³	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	µg/m³	15.25	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m³	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m³	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/AA/202409/0001			Date:		13/09/2024
URL No.: --					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	06/09/2024	Sampling Type	:	–
Sample Receipt Date	:	06/09/2024	Sample ID	:	AA/202409/0001
Sampling Location	:	Nr. On the roof of laboratory	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	:	06/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/09/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions 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.	Arsenic as As	µg/m³	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m³	0.90	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C_6H_6)	µg/m³	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m³	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

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

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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/AA/202409/0003			Date:		13/09/2024
URL No.: TC0958124000000510F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	06/09/2024	Sampling Type	:	–
Sample Receipt Date	:	06/09/2024	Sample ID	:	AA/202409/0003
Sampling Location	:	Nr. Oppo. of C6CW4 Detox Side	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	:	06/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/09/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours)	:	24 Hrs.
Environmental Condition during the test			25°C ±3 °C		

Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM_{10}	µg/m³	59.2	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	µg/m³	24.8	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	µg/m³	21.3	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	µg/m³	16.9	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl_2)	µg/m³	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH_3)	µg/m³	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H_2S)	µg/m³	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	µg/m³	15.89	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m³	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m³	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

Verified By

Ayushi K Chaturvedi (Quality Manager)

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LABORATORY TESTING REPORT

Report No.: VE/AA/202409/0003			Date:		13/09/2024
URL No.: –					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	06/09/2024	Sampling Type	:	–
Sample Receipt Date	:	06/09/2024	Sample ID	:	AA/202409/0003
Sampling Location	:	Nr. Oppo. of C6CW4 Detox Side	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	:	06/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/09/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions 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.	Arsenic as As	µg/m³	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m³	0.94	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C_6H_6)	µg/m³	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m³	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

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

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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:
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Website : www.vasundharaenterprise.in

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

LABORATORY TESTING REPORT

Report No.: VE/AA/202409/0004			Date:		13/09/2024
URL No.: TC0958124000000511F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	06/09/2024	Sampling Type	:	–
Sample Receipt Date	:	06/09/2024	Sample ID	:	AA/202409/0004
Sampling Location	:	Nr. Landfill Phase-4 near Security Tower	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	:	06/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/09/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions during monitoring	:	Clear Sky	Actual duration of Monitoring, (Hours)	:	24 Hrs.
Environmental Condition during the test			25°C ±3 °C		

Ambient Air Analysis Results

Sr. No.	Parameter	Unit	Result	Permissible Limit	Protocol Used for Analysis
1.	Particulate Matter PM_{10}	µg/m³	50.8	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	µg/m³	25.2	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	µg/m³	23.7	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	µg/m³	20.1	80	IS 5182 (Part 6) 2006
5.	Chlorine (Cl_2)	µg/m³	BDL<1.0	Not Specified	IS 5182 (Part 19): 2022
6.	Ammonia (NH_3)	µg/m³	BDL<22	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H_2S)	µg/m³	BDL<5.0	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	µg/m³	16.37	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m³	BDL<5.0	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m³	BDL<5.0	Not Specified	IS: 5182(Part 26): 2020

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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/AA/202409/0004			Date:		13/09/2024
URL No.: –					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	06/09/2024	Sampling Type	:	–
Sample Receipt Date	:	06/09/2024	Sample ID	:	AA/202409/0004
Sampling Location	:	Nr. Landfill Phase-4 near Security Tower	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	:	06/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/09/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-05
Meteorological conditions 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.	Arsenic as As	µg/m³	BDL<0.01	Not Specified	SOP for Ambient Air Analysis
12.	Hydrochloric Acid as HCL	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
13.	Hydrocarbon as HC	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
14.	Carbon Monoxide as CO	mg/m³	0.93	4.0	IS 5182 (Part 10): 1999
15.	Benzene (C6H6)	µg/m³	BDL <0.01	Not Specified	IS 5182 (Part 11):2006
16.	Benzo(a)pyrene(BaP)	ng/m³	BDL <0.01	Not Specified	IS 5182 (Part 12):2004

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2.0 NOISE LEVEL MONITORING REPORT



[Period: Sep 2024]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA ENTERPRISE

LABORATORY TESTING REPORT

Report No.: VE/AN/202409/0001			Date:		13/09/2024
URL No.: TC0958124000000507F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	05/09/2024	Sampling Type	:	Instrument Method
Sample Receipt Date	:	05/09/2024	Sample ID	:	AN/202409/0001
Sampling Location	:	Noise	Sample Description	:	Noise Monitoring
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring	:	IS 9989-1991
Analysis Started On	:	-	Analysis Completed On	:	-
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.	Parameter	Day Time	Night Time	Unit	Protocol Used for Analysis
Permissible Limit		**75**	**70**	**dB(A)**	-
1.	Nr. Main Gate	54.2	48.7	dB(A)	IS 9989-1991
2.	Nr. Incinerator Area	71.4	60.3	dB(A)	IS 9989-1991
3.	Nr. Lab Area	63.6	52.8	dB(A)	IS 9989-1991
4.	Nr. Admin Building	55.8	46.1	dB(A)	IS 9989-1991
5.	Nr. Truck Washing Area	66.3	59.7	dB(A)	IS 9989-1991
6.	Nr. Drum Storage Area	53.9	48.5	dB(A)	IS 9989-1991
7.	Nr. East of Incinerator Area	72.4	61.2	dB(A)	IS 9989-1991

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GIDC, Ankleshwar – 393002

3.0 WATER QUALITY MONITORING REPORT



[Period: Sep 2024]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA ENTERPRISE

LABORATORY TESTING REPORT

Report No.: VE/W/202409/0001			Date:		13/09/2024
URL No.: TC0958124000000494F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	05/09/2024	Sampling Type	:	Grab
Date of Sample Received	:	05/09/2024	Sample ID	:	W/202409/0001
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	05/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	11/09/2024
Type of Container	:	Plastic Container	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	7.0	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	6.01	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	5690	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.72	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	6.6	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3998	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	27.16	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	980	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	390	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.67	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1649.49	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	195.54	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	4.03	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.79	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	400	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	141.00	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	328	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.0	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	8.6	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Ayushi K Chaturvedi (Quality Manager)

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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/W/202409/0001			Date:		13/09/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	05/09/2024	Sampling Type	:	Grab
Date of Sample Received	:	05/09/2024	Sample ID	:	W/202409/0001
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	05/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	11/09/2024
Type of Container	:	Plastic Container	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	3.25	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.052	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

----------**End Report**----------

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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/W/202409/0002			Date:		13/09/2024
URL No.: TC09581240000000495F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	05/09/2024	Sampling Type	:	Grab
Date of Sample Received	:	05/09/2024	Sample ID	:	W/202409/0002
Sampling Location	:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	05/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	11/09/2024
Type of Container	:	Plastic Container	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	7.67	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	7.2	Hazen	APHA 24th Edition 2120 C: 2022
3.	Conductivity	2235	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.82	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	5.4	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1281	mg/L	APHA 24th Edition 2540- C: 2022
7.	Chemical Oxygen Demand	15.52	mg/L	IS 3025 (Part 58): 2006
8.	Total Hardness as CaCO3	600	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	450	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.90	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	514.84	mg/L	APHA 24th Edition 4500- Cl- B: 2022
12.	Sulphate (as SO4)	187.95	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	1.85	mg/L	IS 3025 (Part 34): 2022
14.	Fluoride	0.87	mg/L	APHA 24th Edition 4500- F- B & D: 2022
15.	Calcium (as Ca)	88	mg/L	APHA 24th Edition 3500- Ca-B: 2022
16.	Magnesium (as Mg)	124.47	mg/L	APHA 24th Edition 3500 Mg B: 2022
17.	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	518	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	6.4	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	5.00	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/202409/0002			Date:		13/09/2024
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	05/09/2024	Sampling Type	:	Grab
Date of Sample Received	:	05/09/2024	Sample ID	:	W/202409/0002
Sampling Location	:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	05/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	11/09/2024
Type of Container	:	Plastic Container	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	1.59	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.052	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu 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/202409/0004			Date:		13/09/2024
URL No.: TC0958124000000497F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	05/09/2024	Sampling Type	:	Grab
Date of Sample Received	:	05/09/2024	Sample ID	:	W/202409/0004
Sampling Location	:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	05/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	11/09/2024
Type of Container	:	Plastic Container	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	7.6	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	24.46	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	2234	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.68	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	5.0	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1697	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	15.52	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	1400	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	390	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.78	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1009.69	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	204.91	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	2.46	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.64	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	240	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	282.00	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	276	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.4	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 ^{0}C for 3 Days	4.8	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

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Reg. Office :
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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/W/202409/0004			Date:		13/09/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	05/09/2024	Sampling Type	:	Grab
Date of Sample Received	:	05/09/2024	Sample ID	:	W/202409/0004
Sampling Location	:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	05/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	11/09/2024
Type of Container	:	Plastic Container	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	1.65	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.031	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

----------**End Report**----------

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

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LABORATORY TESTING REPORT

Report No.: VE/W/202409/0005			Date:		13/09/2024
URL No.: TC0958124000000498F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	05/09/2024	Sampling Type	:	Grab
Date of Sample Received	:	05/09/2024	Sample ID	:	W/202409/0005
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	05/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	11/09/2024
Type of Container	:	Plastic Container	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	7.8	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	9.51	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3430	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.62	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	4	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2023	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	23.28	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	900	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	430	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.56	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	764.76	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	162.05	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	2.92	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	1.02	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	192	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	172.11	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	356	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	5.8	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.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	7.7	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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Ayushi K Chaturvedi (Quality Manager)

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LABORATORY TESTING REPORT

Report No.: VE/W/202409/0005			Date:		13/09/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	05/09/2024	Sampling Type	:	Grab
Date of Sample Received	:	05/09/2024	Sample ID	:	W/202409/0005
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	05/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	11/09/2024
Type of Container	:	Plastic Container	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	2.42	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.026	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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

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Verified By

Ayushi K Chaturvedi (Quality Manager)

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LABORATORY TESTING REPORT

Report No.: VE/W/202409/0006			Date:		13/09/2024
URL No.: TC0958124000000499F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	05/09/2024	Sampling Type	:	Grab
Date of Sample Received	:	05/09/2024	Sample ID	:	W/202409/0006
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	05/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	11/09/2024
Type of Container	:	Plastic Container	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	7.24	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	18.98	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	6321	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	1.44	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	5.8	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3401	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	27.16	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	1710	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	380	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.95	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1459.55	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	194.20	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	6.40	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.71	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	440	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	308.74	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	361	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	8.3	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/202409/0006			Date:		13/09/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	05/09/2024	Sampling Type	:	Grab
Date of Sample Received	:	05/09/2024	Sample ID	:	W/202409/0006
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	05/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	11/09/2024
Type of Container	:	Plastic Container	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	3.38	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.036	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu 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/202409/0007			Date:		13/09/2024
URL No.: TC0958124000000500F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	05/09/2024	Sampling Type	:	Grab
Date of Sample Received	:	05/09/2024	Sample ID	:	W/202409/0007
Sampling Location	:	HB-5 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	05/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	11/09/2024
Type of Container	:	Plastic Container	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	7.28	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	12.28	Hazen	APHA 24th Edition 2120 C: 2022
3.	Conductivity	2980	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	1.22	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	3	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1875	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	19.40	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	930	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	440	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.68	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	559.83	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	312.05	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	3.02	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.40	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	112	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	198.86	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	352	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	7.4	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 ^{0}C for 3 Days	5.8	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Ayushi K Chaturvedi (Quality Manager)

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LABORATORY TESTING REPORT

Report No.: VE/W/202409/0007			Date:		13/09/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	05/09/2024	Sampling Type	:	Grab
Date of Sample Received	:	05/09/2024	Sample ID	:	W/202409/0007
Sampling Location	:	HB-5 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	05/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	11/09/2024
Type of Container	:	Plastic Container	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	2.43	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.083	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

----------End Reports----------

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

Ayushi K Chaturvedi (Quality Manager)

Verified By

Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

Reg. Office :
S-404, Multilevel Shed-2,
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Laboratory :
S-306 & 308, Multilevel Shed-2,
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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/W/202409/0008			Date:		13/09/2024
URL No.: TC0958124000000501F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	05/09/2024	Sampling Type	:	Grab
Date of Sample Received	:	05/09/2024	Sample ID	:	W/202409/0008
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	05/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	11/09/2024
Type of Container	:	Plastic Container	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	7.22	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	16.77	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	4970	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.6	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	4.0	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2631	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	19.40	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	1250	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	450	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	2.41	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1044.68	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	202.23	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	1.75	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.62	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	200	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	255.26	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	354	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.8	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.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	6.0	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Ayushi K Chaturvedi (Quality Manager)

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LABORATORY TESTING REPORT

Report No.: VE/W/202409/0008			Date:		13/09/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	05/09/2024	Sampling Type	:	Grab
Date of Sample Received	:	05/09/2024	Sample ID	:	W/202409/0008
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	05/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	11/09/2024
Type of Container	:	Plastic Container	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	2.01	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.021	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

----------End Reports----------

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Verified By

Ayushi K Chaturvedi (Quality Manager)

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LABORATORY TESTING REPORT

Report No.: VE/W/202409/0009			Date:		13/09/2024
URL No.: TC0958124000000502F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	05/09/2024	Sampling Type	:	Grab
Date of Sample Received	:	05/09/2024	Sample ID	:	W/202409/0009
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	05/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	11/09/2024
Type of Container	:	Plastic Container	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	7.18	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	20.46	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	4025	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.35	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	3.0	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	2270	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	23.28	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	1120	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	440	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	0.50	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	944.71	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	193.75	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	6.68	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.70	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	240	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	213.93	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	466	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.0	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	8.0	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/202409/0009			Date:		13/09/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	05/09/2024	Sampling Type	:	Grab
Date of Sample Received	:	05/09/2024	Sample ID	:	W/202409/0009
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	05/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	11/09/2024
Type of Container	:	Plastic Container	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	3.22	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.036	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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

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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/W/202409/0010			Date:		13/09/2024
URL No.: TC0958124000000503F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	05/09/2024	Sampling Type	:	Grab
Date of Sample Received	:	05/09/2024	Sample ID	:	W/202409/0010
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	05/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	11/09/2024
Type of Container	:	Plastic Container	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	7.2	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	19.02	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	5224	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.57	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	5.7	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3134	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	34.92	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	1980	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	370	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.06	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1534.52	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	203.13	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	7.08	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.52	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	312	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	405.49	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	548	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	4.2	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 ^{0}C for 3 Days	11.5	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Verified By

Ayushi K Chaturvedi (Quality Manager)

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LABORATORY TESTING REPORT

Report No.: VE/W/202409/0010			Date:		13/09/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	05/09/2024	Sampling Type	:	Grab
Date of Sample Received	:	05/09/2024	Sample ID	:	W/202409/0010
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	05/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	11/09/2024
Type of Container	:	Plastic Container	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	4.12	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.026	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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

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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/W/202409/0011			Date:		13/09/2024
URL No.: TC0958124000000504F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	05/09/2024	Sampling Type	:	Grab
Date of Sample Received	:	05/09/2024	Sample ID	:	W/202409/0011
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	05/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	11/09/2024
Type of Container	:	Plastic Container	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	7.14	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	6.01	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	3490	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.4	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	2.0	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1959	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	27.16	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	920	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	360	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	2.58	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	779.76	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	205.80	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	8.15	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.34	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	240	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	165.31	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	374	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.	BioChemical Oxygen Demand @ 27 ^{0}C for 3 Days	8.6	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

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Website : www.vasundharaenterprise.in

Laboratory :
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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/W/202409/0011			Date:		13/09/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	05/09/2024	Sampling Type	:	Grab
Date of Sample Received	:	05/09/2024	Sample ID	:	W/202409/0011
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	05/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	11/09/2024
Type of Container	:	Plastic Container	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	4.82	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.041	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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

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Ayushi K Chaturvedi (Quality Manager)

Verified By

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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/W/202409/0012			Date:		13/09/2024
URL No.: TC0958124000000505F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	05/09/2024	Sampling Type	:	Grab
Date of Sample Received	:	05/09/2024	Sample ID	:	W/202409/0012
Sampling Location	:	EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	05/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	11/09/2024
Type of Container	:	Plastic Container	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	7.7	–	APHA 24th Edition 4500- H+ B : 2022
2.	Color	2.8	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	2621	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.36	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	3.0	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	1886	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	15.52	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	940	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	410	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	1.34	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	514.84	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	200.00	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	0.65	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.72	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	128	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	197.40	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	433	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	8.4	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 ^{0}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

Verified By

Ayushi K Chaturvedi (Quality Manager)

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LABORATORY TESTING REPORT

Report No.: VE/W/202409/0012			Date:		13/09/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	05/09/2024	Sampling Type	:	Grab
Date of Sample Received	:	05/09/2024	Sample ID	:	W/202409/0012
Sampling Location	:	EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	05/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	11/09/2024
Type of Container	:	Plastic Container	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	1.99	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.026	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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

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Ayushi K Chaturvedi (Quality Manager)

Verified By

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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/W/202409/0013			Date:		13/09/2024
URL No.: TC0958124000000506F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	05/09/2024	Sampling Type	:	Grab
Date of Sample Received	:	05/09/2024	Sample ID	:	W/202409/0013
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	05/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	11/09/2024
Type of Container	:	Plastic Container	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	7.3	-	APHA 24th Edition 4500- H+ B : 2022
2.	Color	16.16	Hazen	APHA 24th Edition 2120 C : 2022
3.	Conductivity	6433	µS/cm	APHA 24th Edition 2510-B : 2022
4.	Turbidity	0.61	NTU	APHA 24th Edition 2130-B : 2022
5.	Total Suspended solids	3.0	mg/L	APHA 24th Edition 2540-D : 2022
6.	Total Dissolved solids	3455	mg/L	APHA 24th Edition 2540- C : 2022
7.	Chemical Oxygen Demand	65.96	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	1270	mg/L	APHA 24th Edition 2340-C : 2022
9.	Total Alkalinity as CaCO3	430	mg/L	APHA 24th Edition 2320-B : 2022
10.	Total Kjeldahl Nitrogen as TKN	2.02	mg/L	APHA 24th Edition 4500- Norg B: 2022
11.	Chloride (as Cl)	1194.63	mg/L	APHA 24th Edition 4500- Cl- B : 2022
12.	Sulphate (as SO4)	337.95	mg/L	APHA 24th Edition 4500- SO42-E : 2022
13.	Nitrate as (N-NO3)	20.98	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	1.05	mg/L	APHA 24th Edition 4500- F- B & D : 2022
15.	Calcium (as Ca)	168	mg/L	APHA 24th Edition 3500- Ca-B : 2022
16.	Magnesium (as Mg)	267.90	mg/L	APHA 24th Edition 3500 Mg B : 2022
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2022
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2022
19.	Sodium (as Na)	490	mg/L	APHA 24th Edition 3500- Na B : 2022
20.	Potassium (as K)	3.2	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 ^{0}C for 3 Days	21.1	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2022

Ayushi K Chaturvedi (Quality Manager)

Verified By

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GIDC, Ankleshwar – 393002

LABORATORY TESTING REPORT

Report No.: VE/W/202409/0013			Date:		13/09/2024
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Date of Sample Collection	:	05/09/2024	Sampling Type	:	Grab
Date of Sample Received	:	05/09/2024	Sample ID	:	W/202409/0013
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VE Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	05/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	11/09/2024
Type of Container	:	Plastic Container	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	17.65	mg/L	APHA 24th Edition 5310- B : 2022
25.	Lead (as Pb)	BDL<2	mg/L	APHA 24th Edition 3111 Pb B : 2022
26.	Nickel (as Ni)	BDL<1.0	mg/L	APHA 24th Edition 3111 Ni B : 2022
27.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2022
28.	Chromium (as Cr)	BDL<1.0	mg/L	APHA 24th Edition 3111 Cr B : 2022
29.	Mercury (as Hg)	BDL<0.06	mg/L	APHA 24th Edition 3112 Hg B : 2022
30.	Arsenic (as As)	BDL<0.01	mg/L	APHA 24th Edition 3114 As B : 2022
31.	Iron (as Fe)	0.046	mg/L	APHA 24th Edition 3500 Fe B : 2022
32.	Zinc (as Zn)	BDL<0.1	mg/L	APHA 24th Edition 3111 Zn B : 2022
33.	Cadmium (as Cd)	BDL<0.05	mg/L	APHA 24thEdition3111 Cd B : 2022
34.	Copper (as Cu)	BDL<0.04	mg/L	APHA 24th Edition 3111 Cu B : 2022
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

----------**End Report**----------

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Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

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4.0 STACK MONITORING REPORT



[Period: Sep 2024]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA ENTERPRISE

LABORATORY TESTING REPORT

Report No.: VE/SE/202409/0001			Date:		13/09/2024
URL No.: TC0958124000000512F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	06/09/2024	Sampling Type	:	Isokinetic Sampling
Sample Receipt Date	:	06/09/2024	Sample ID	:	SE/202409/0001
Sampling Location	:	DG Set 1 (975 KWA)	Sample Description	:	Stack Emission
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring	:	IS 11255
Quantity / No. of Sample	:	1 No. Of Thimble + Scrubbing Absorbing Media/Each	Analysis Started On	:	06/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/09/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-06
Meteorological conditions during monitoring	:	Clear Sky	Sampling Duration (Minute)	:	60 Minute
Ambient Temperature °C	:	28.1	Stack Temperature °C	:	119
Stack Kit Sr. No.	:	2002060268	Date Of Issue	:	27/12/2023
Calibration Certificates No.	:	ENP2312261327-S	Due Date	:	25/12/2024
Environmental Condition during the test			25°C ±3 °C		

Stack Emission Analysis Results

Sr. No.	Parameter	Result	GPCB Limit	Unit	Protocol used for Analysis
1.	Average Velocity	7.5	--	m/s	IS 11255 (Part 3), 2008
2.	Particulate Matter as PM	61.2	150	mg/Nm³	IS 11255 (Part 01): 1985
3.	Sulphur Dioxide as SO_2	12.6	100	ppm	IS 11255 (Part 02): 1985
4.	Oxides of Nitrogen as NO_x	9.5	50	ppm	IS 11255 (Part 07): 2005

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

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

Verified By

Ayushi K Chaturvedi (Quality Manager)

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VE/SE/202409/0003			Date:		13/09/2024
URL No.: TC0958124000000514F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Rakesh Patel			
Sample Collection Date	:	06/09/2024	Sampling Type	:	Isokinetic Sampling
Sample Receipt Date	:	06/09/2024	Sample ID	:	SE/202409/0003
Sampling Location	:	DG Set 2 (975 KWA)	Sample Description	:	Stack Emission
Sample Collected / Submitted by	:	VE Team	Protocol used for monitoring	:	IS 11255
Quantity / No. of Sample	:	1 No. Of Thimble + Scrubbing Absorbing Media/Each	Analysis Started On	:	06/09/2024
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/09/2024
Type of Container	:	Plastic Container	Format No.	:	7.8 F-06
Meteorological conditions during monitoring	:	Clear Sky	Sampling Duration (Minute)	:	60 Minute
Ambient Temperature °C	:	27.9	Stack Temperature °C	:	121
Stack Kit Sr. No.	:	2002060268	Date Of Issue	:	27/12/2023
Calibration Certificates No.	:	ENP2312261327-S	Due Date	:	25/12/2024
Environmental Condition during the test			25°C ±3 °C		

Stack Emission Analysis Results

Sr. No.	Parameter	Result	GPCB Limit	Unit	Protocol used for Analysis
1.	Average Velocity	8.1	--	m/s	IS 11255 (Part 3), 2008
2.	Particulate Matter as PM	57.4	150	mg/Nm³	IS 11255 (Part 01): 1985
3.	Sulphur Dioxide as SO_2	10.9	100	ppm	IS 11255 (Part 02): 1985
4.	Oxides of Nitrogen as NO_x	8.6	50	ppm	IS 11255 (Part 07): 2005

----------**End Report**----------

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Verified By

Ayushi K Chaturvedi (Quality Manager)

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Annexure-5

Groundwater (Analysis Period April'24 to Sep'24):

Sr. no	Parameters	Unit	Permissible limits	Outside the premises			Upstream borewell			Downstream borewell		
				Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
1	Colour	Hazen	15	5.2	10.3	7.742857	7	7.89	7.290556	7.04	7.84	7.351389
2	pH	-	No relaxation	7.44	8.58	7.908571	2.8	105935	2952.73	4.86	24.46	10.75944
3	Electric Conductivity	µs/cm	-	386	4938	2706.429	2621	6740	4815.083	2070.00	5224	3359.806
4	Turbidity	NTU	5	0.45	0.91	0.678571	0.36	2.85	1.328333	0.25	1.22	0.730556
5	TSS	mg/lit	-	3.4	5.2	4.114286	2	9	6.683333	3.00	8	6.552778
6	TDS	mg/lit	2000	242	3116	1706	1886	4246	2997.222	1275.00	3225	2096.056
7	TOC	mg/lit	-	0.9	1.6	1.231429	0.87	19.8	5.081944	1.02	5.64	2.521944
8	COD	mg/lit	-	16.064	52.208	28.78133	12.86	80	30.9825	12.00	2328	149.4606
9	Chloride	mg/lit	1000	17.99	974.7	497.8457	474.85	1669.48	1000.103	314.90	1534.52	651.8819

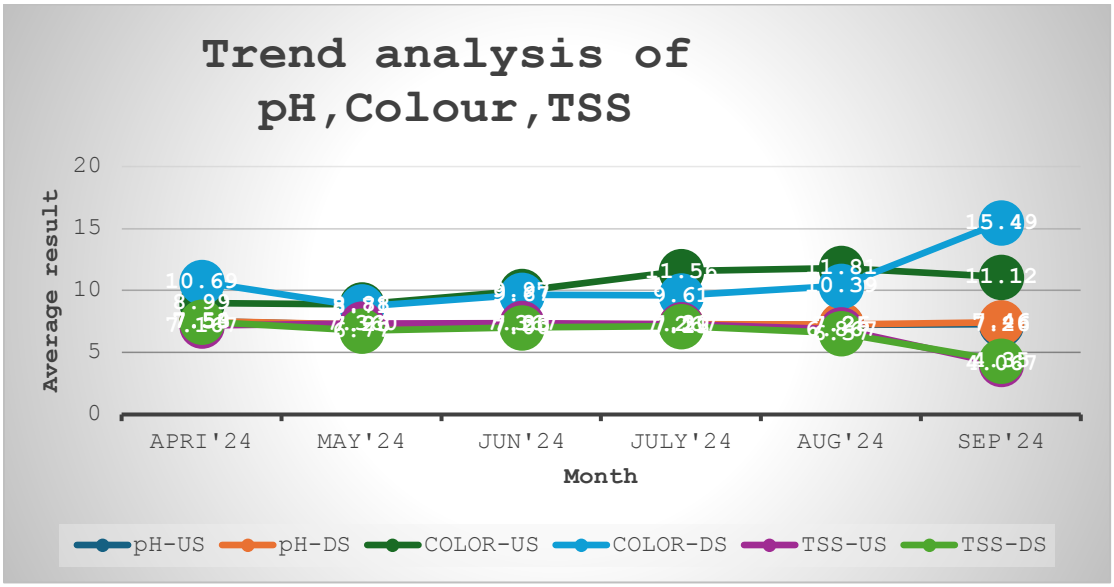
Ambient Air (Analysis Period April’24 to Sep’24):

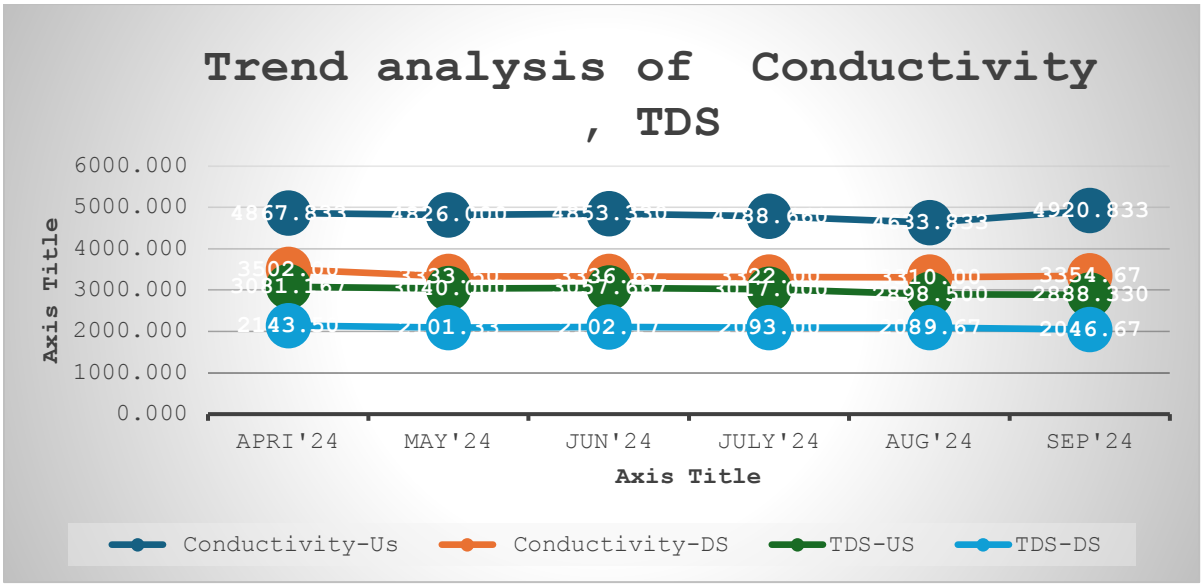
Sr. no.	Parameters	Unit	GPCB/CPCB Permissible Limit	Near Laboratories			Behind Shed No.8 corner			Near the Detox site road		
				Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
1	RSPM (PM_{10})	$\mu g/m^3$	100	51.4	87.6	57.14857	50.8	86.4	66.68333	50.6	85.8	67.57333
2	$PM_{2.5}$	$\mu g/m^3$	60	23.5	30.6	23.25857	25.1	30.2	27.4	21.4	33	26.91167
3	Sulphur Dioxide	$\mu g/m^3$	80	18.2	20.5	16.6	15.8	23.7	19.91667	17.4	22.7	19.6
4	Nitrogen Dioxide	$\mu g/m^3$	80	16.5	22.7	16.91429	16.9	25.2	20.99667	15.42	27.4	20.50333
5	Ammonia (NH_3)	$\mu g/m^3$	400	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
6	Lead As Pb	$\mu g/m^3$	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
7	Nickel as Ni	ng/m^3	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
8	Arsenic as As	ng/m^3	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND

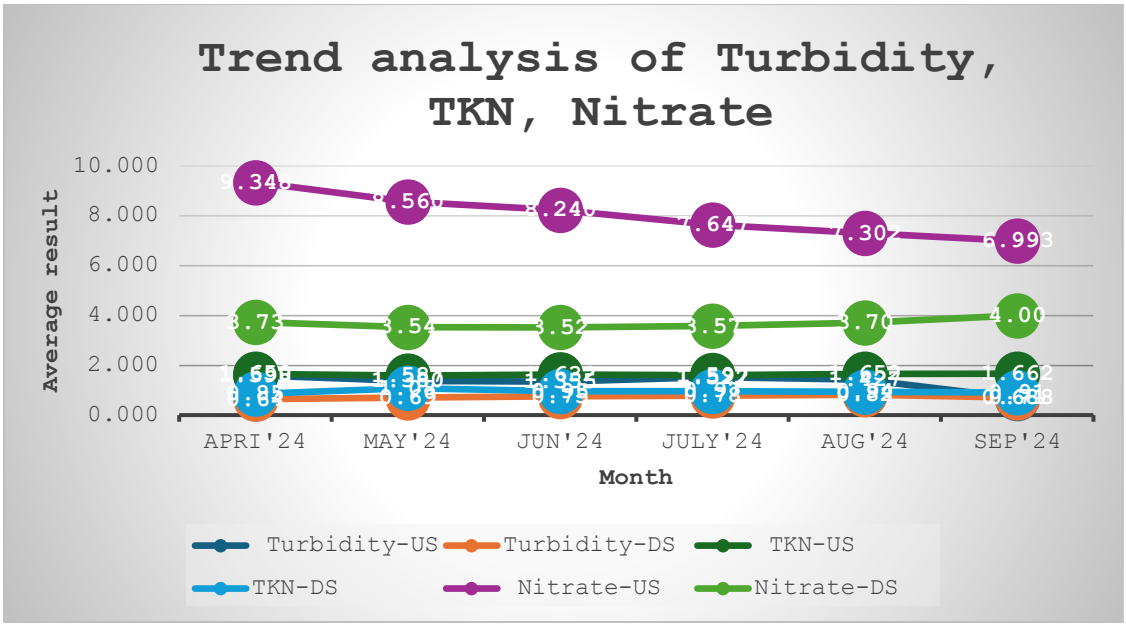
Noise Monitoring (Analysis Period April'24 to Sep'24):

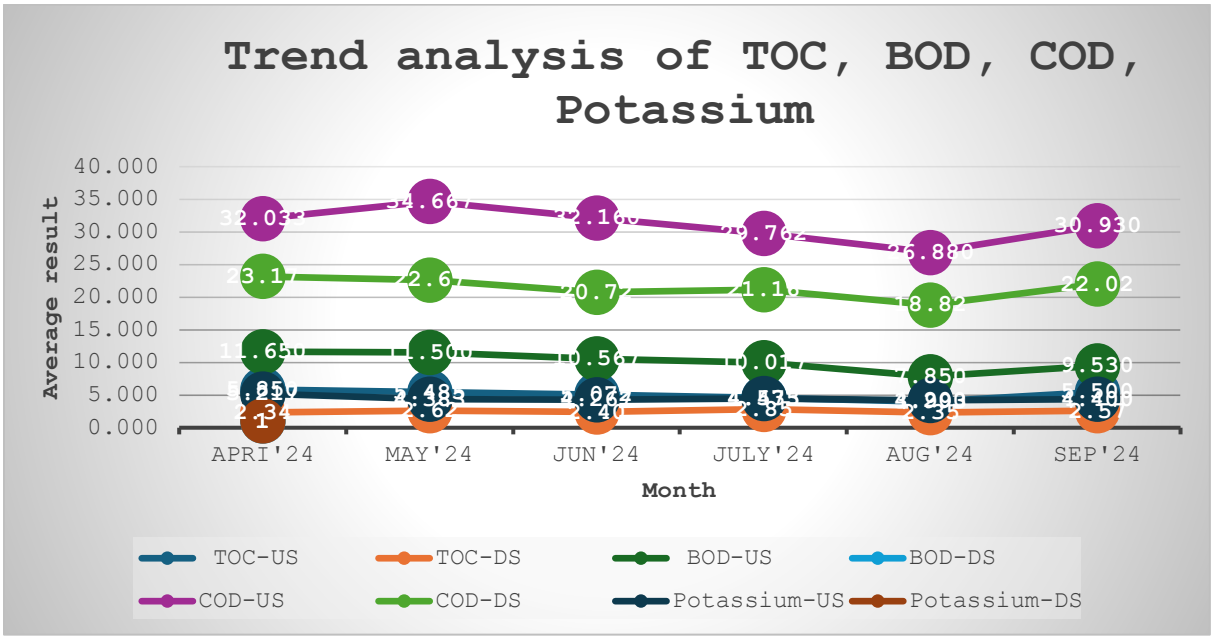
Sr. No.	Noise monitoring sampling location	Results (Avg)							
		GPCB/ CPCB Permissible Limit (Day) (in dB)	Day			GPCB/ CPCB Permissible Limit (Night) (in dB)	Night		
			Min	Max	Avg		Min	Max	Avg
1	Near Main gate	75	54.2	60.1	57.03333	70	47.3	53.4	50.51667
2	Near Lab	75	54.5	71.4	64.15	70	48.1	63.8	54.78333
3	Near admin	75	49.3	63.6	56.53333	70	43.2	52.8	48.76667
4	Truck wash	75	55.6	63.8	58.78333	70	46.1	56	50.51667
5	Drum	75	56.6	68.6	63.31667	70	50.2	59.7	55.88333
6	Near East Side of Incinerator	75	53.9	70.2	61.41667	70	46.9	63.8	54.23333
7	Near Incinerator	75	64.3	72.4	68.75	70	57.2	63.6	60.9

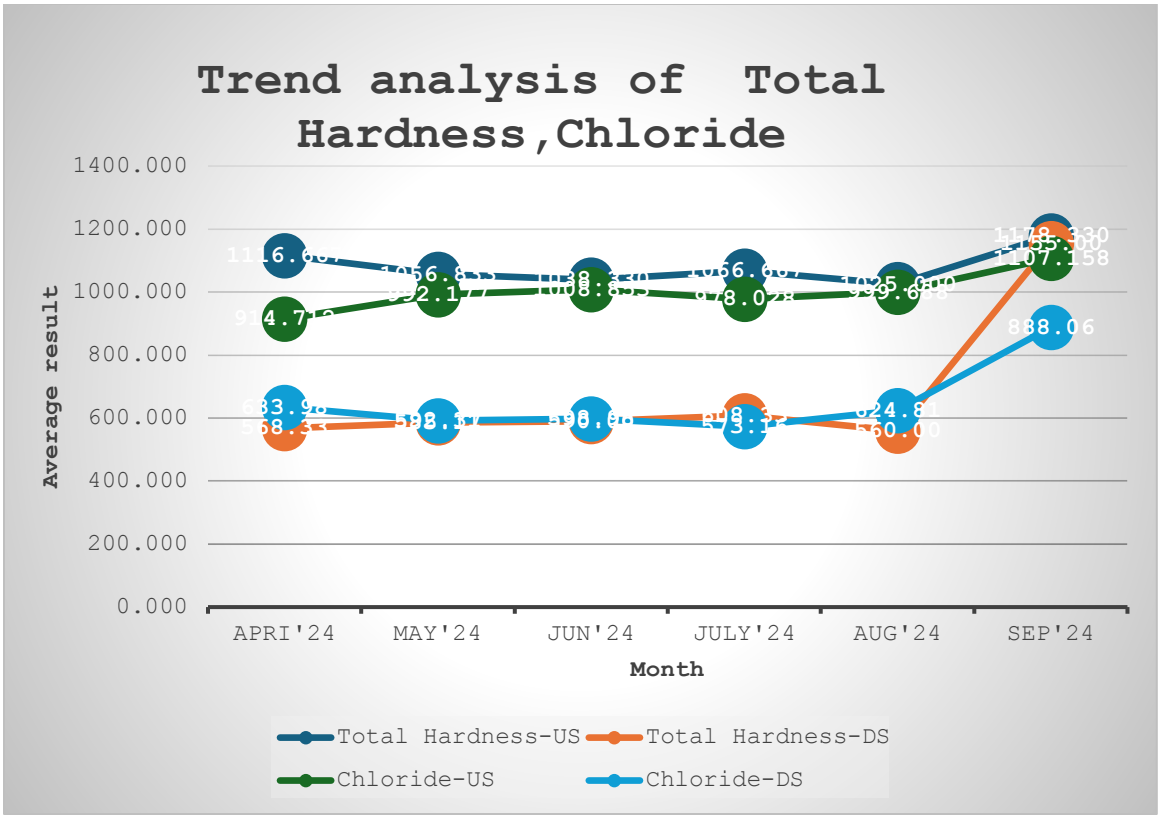
Trend Analysis Graph Sheet

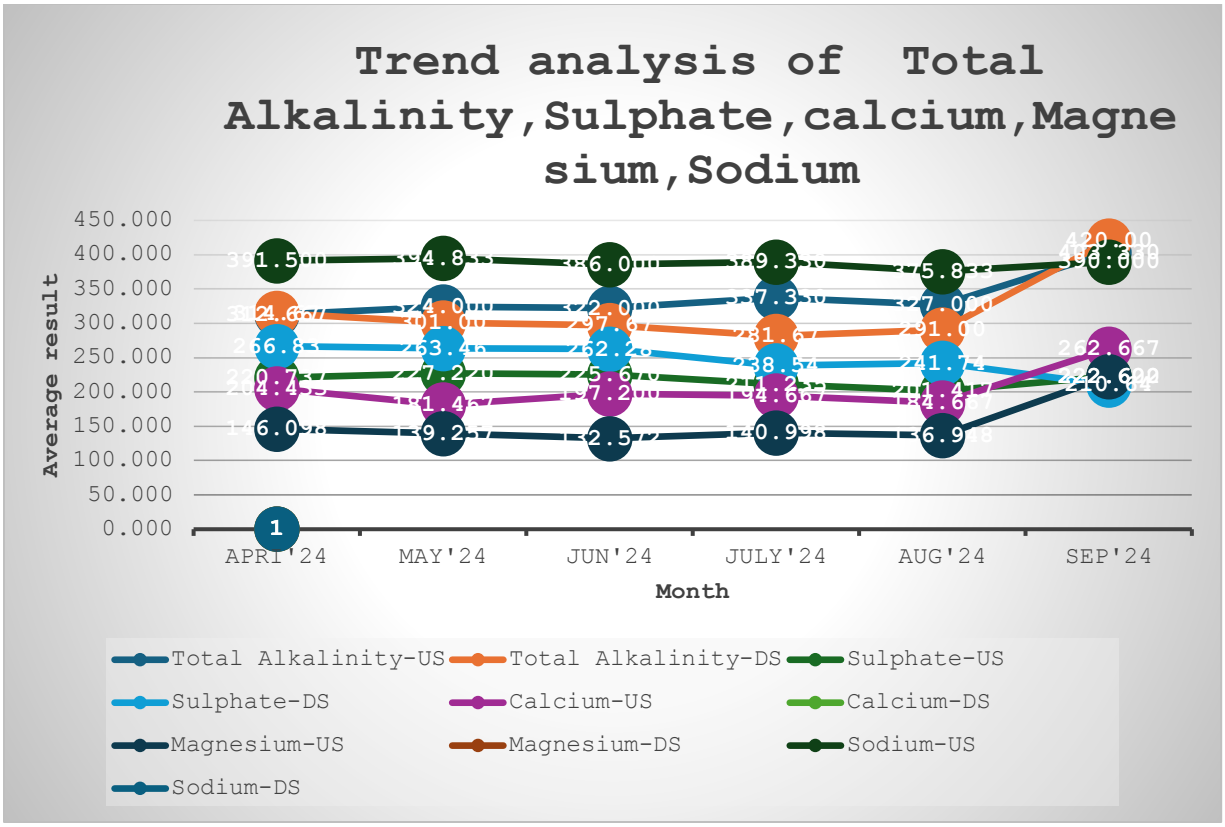


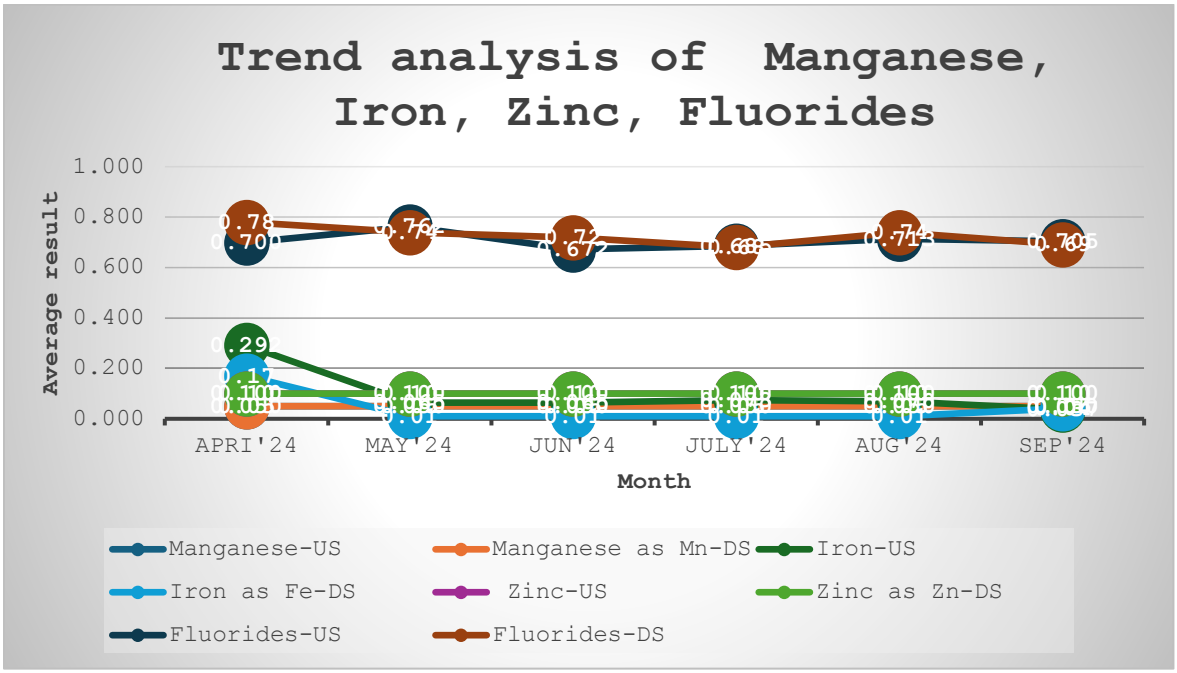



Trend analysis of Turbidity, TKN, Nitrate
Average result
10.000
8.000
6.000
4.000
2.000
0.000
APRI'24
MAY'24
JUN'24
JULY'24
AUG'24
SEP'24
Month
Turbidity-US
Turbidity-DS
TKN-US
TKN-DS
Nitrate-US
Nitrate-DS


Trend analysis of TOC, BOD, COD, Potassium
Average result
40.000
35.000
30.000
25.000
20.000
15.000
10.000
5.000
0.000
APRI'24
MAY'24
JUN'24
JULY'24
AUG'24
SEP'24
Month
TOC-US
TOC-DS
BOD-US
BOD-DS
COD-US
COD-DS
Potassium-US
Potassium-DS


Trend analysis of Total Hardness,Chloride
1400.000
1200.000
1000.000
800.000
600.000
400.000
200.000
0.000
Average result
APRI'24
MAY'24
JUN'24
JULY'24
AUG'24
SEP'24
Month
888.06
Total Hardness-US
Total Hardness-DS
Chloride-US
Chloride-DS


Trend analysis of Total Alkalinity,Sulphate,calcium,Magnesium,Sodium
Average result
450.000
400.000
350.000
300.000
250.000
200.000
150.000
100.000
50.000
0.000
APRI'24
MAY'24
JUN'24
JULY'24
AUG'24
SEP'24
Month
Total Alkalinity-US
Total Alkalinity-DS
Sulphate-US
Sulphate-DS
Calcium-US
Calcium-DS
Magnesium-US
Magnesium-DS
Sodium-US
Sodium-DS


Trend analysis of Manganese, Iron, Zinc, Fluorides
Average result
1.000
0.800
0.600
0.400
0.200
0.000
APRI'24
MAY'24
JUN'24
JULY'24
AUG'24
SEP'24
Month
Manganese-US
Manganese as Mn-DS
Iron-US
Iron as Fe-DS
Zinc-US
Zinc as Zn-DS
Fluorides-US
Fluorides-DS

BEIL INFRASTRUCTURE LIMITED

(Formerly Known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT

MoEF&CC Recognized Laboratory | NABL ACCREDITED LAB (TC-13051) | ISO 14001 & ISO 45001 Certified Laboratory

TC-13051

Sample Id	001200001701	Report No / Sample	TC-1305124000001990F	Report Date	09-SEP-2024
Name of Customer	:	GLENMARK LIFE SCIENCES LTD.			
Address Of Customer	:	PLOT NO.C-3109, GIDC ESTATE,ANKLESHWAR District : BHARUCH Gujarat-393002			
Sample Description	:	Spent Sulphuric Acid			
Sample Quantity(UOM)	:	5.000KG	Sampling Date	:	05-SEP-2024
Sampling Location	:	NA	Sample Received Date	:	05-SEP-2024
Sample Collected By	:	BY CUSTOMER	Analysis Start/End Date	:	06-SEP-2024 / 09-SEP-2024
Sample Type	:	INCINERATOR SUITABILITY	Sampling Procedure	:	GRAB SAMPLING

Sr.No.	Parameters	Unit	Results	Permissible Limit	Method Reference
1	Physical State	--	Liquid	-	SOP/HW/21: 2021
2	Sample Appearance	--	Black Color	-	SOP/HW/21: 2021
3	pH (10% Solution)	--	0.12	-	APHA* 4500H+-B, 473 TO 478, 24TH ED.: 23
4	Specific Gravity	gm/cc	1.65	-	IS METHOD
5	Gross Calorific Value	cal/gm	187.00	-	IS:1448 (PART-6):1984
6	Total Carbon (%)	%	7.40	-	ASTM D5291 - 10(2015): 2015
7	Total Hydrogen (%)	%	3.62	-	ASTM D5291 - 10(2015): 2015
8	Total Nitrogen	%	0.26	-	ASTM D5291 - 10(2015): 2015
9	Total Sulphur	%	15.90	-	ASTM D5291 - 10(2015): 2015
10	Halogen (as Cl)	%	1.45	-	SOP/HW/15 VOLHARD'S METHOD
11	Cyanide (as CN)	mg/l	<0.1	-	APHA 4500 CN C ,370 TO 371 ,24THED::23
12	Water Content by K.F.(w/w)	%	3.78	-	USEPA 9000 B (FEB 2007)
13	Annealing Loss at 550°C	%	88.12	-	SOP/HW/O4 (ISSUE:02): 2021
14	ash content at 800°C	%	1.12	-	IS 1448 (PART-4) :1984
15	Flash Point	°C	>80	-	IS: 1448 (P:21) : 1992
16	Compatibility Test	–	Compatible	-	EPA 600: 1980
17	Flammability Test	-	Not Flammable	-	US EPA 1030: 1996
18	Fluoride (as F)	mg/l	<0.01	-	APHA 4500 F C ,398 TO 400 ,24THED: 2023
19	Ammonical Nitrogen(NH3-N)	mg/l	3360.00	-	APHA 4500-NH3-C, 425, 24THED.: 2023
20	Reactivity With Lime	-	Reactive With Lime	-	ASTM D -5058-90: 2001
21	Reactivity With TEA	–	Reactive With TEA	-	ASTM D -5058-90: 2001
22	Reactivity With Water	--	Reactive With Water	-	ASTM D -5058-90: 2001

Remarks :- Sample is highly Acidic , Temperature raised during interaction with Water, Lime & TEA. So, need to take safety precautions during the Disposal of the Material for incineration.

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

For BEIL INFRASTRUCTURE LIMITED

AUTHORISED SIGNATORY

MR. N. B. PATEL

Sample Id	001200001701	Report No / Sample	TC-1305124000001990F	Report Date	09-SEP-2024
					(QUALITY MANAGER)

BEIL INFRASTRUCTURE LIMITED

(Formerly Known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT

MoEF&CC Recognized Laboratory | NABL ACCREDITED LAB (TC-13051) | ISO 14001 & ISO 45001 Certified Laboratory

TC-13051

Sample Id	001200001702	Report No / Sample	TC-1305124000001991F	Report Date	09-SEP-2024
Name of Customer	:	UPL LIMITED UNIT-2			
Address Of Customer	:	PLOT NO.3405-3406; GIDC ESTATE District : BHARUCH Gujarat-393002			
Sample Description	:	LIQUID WASTE (H2S SAMPLE)			
Sample Quantity(UOM)	:	500.000 ML	Sampling Date	:	05-SEP-2024
Sampling Location	:	NA	Sample Received Date	:	05-SEP-2024
Sample Collected By	:	BY CUSTOMER	Analysis Start/End Date	:	06-SEP-2024 / 09-SEP-2024
Sample Type	:	GRAB SAMPLING	Sampling Procedure	:	GRAB SAMPLING

Sr.No.	Parameters	Unit	Results	Permissible Limit	Method Reference
1	Physical State	--	Semi solid	-	SOP/HW/21: 2021
2	Sample Appearance	--	Light Green	-	SOP/HW/21: 2021
3	pH (10% Solution)	--	2.20	-	APHA* 4500H+-B, 473 TO 478, 24TH ED.: 23
4	Gross Calorific Value	Cal/gm	11,961.00	-	IS:1448 (PART-6):1984
5	Total Carbon (%)	%	52.90	-	ASTM D5291 - 10(2015): 2015
6	Total Hydrogen (%)	%	9.30	-	ASTM D5291 - 10(2015): 2015
7	Total Nitrogen	%	<0.01	-	ASTM D5291 - 10(2015): 2015
8	Total Sulphur	%	0.68	-	ASTM D5291 - 10(2015): 2015
9	Halogen (as Cl)	%	2.49	-	SOP/HW/15 VOLHARD'S METHOD
10	Cyanide (as CN)	mg/l	0.39	-	APHA 4500 CN C ,370 TO 371 ,24THED::23
11	Loss On Drying at 110°C	%	0.32	-	SOP HW/NB/16 (ISSUE:02): 2021
12	Annealing Loss at 550°C	%	99.57	-	SOP/HW/O4 (ISSUE:02): 2021
13	ash content at 800°C	%	0.10	-	IS 1448 (PART-4) :1984
14	Compatibility Test	--	Compatible	-	EPA 600: 1980
15	Flammability Test	--	Flammable	-	US EPA 1030: 1996
16	Fluoride (as F)	mg/l	<0.01	-	APHA 4500 F C ,398 TO 400 ,24THED: 2023
17	Ammonical Nitrogen(NH3-N)	mg/l	158.00	-	APHA 4500-NH3-C, 425, 24THED.: 2023
18	Reactivity With Lime	--	Not Reactive With Lime	-	ASTM D -5058-90: 2001
19	Reactivity With TEA	--	Not Reactive With TEA	-	ASTM D -5058-90: 2001
20	Reactivity With Water	--	Not Reactive With Water	-	ASTM D -5058-90: 2001

Remarks :- Sample is having contains H2S gas , so need precaution when handling. As per the evaluated parameters, sample is suitable for incineration disposal.

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

For BEIL INFRASTRUCTURE LIMITED

AUTHORISED SIGNATORY

MR. N. B. PATEL

BEIL INFRASTRUCTURE LIMITED

(Formerly Known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT

MoEF&CC Recognized Laboratory | NABL ACCREDITED LAB (TC-13051) | ISO 14001 & ISO 45001 Certified Laboratory

TC-13051

Sample Id	001200001702	Report No / Sample	TC-1305124000001991F	Report Date	09-SEP-2024

(QUALITY MANAGER)

ANALYTICAL RESEARCH LABORATORY
BEIL INFRASTRUCTURE LIMITED
(Formerly Known as Bharuch Enviro Infrastructure Ltd.)

TC-13051

TEST REPORT

Sample Id	001200001861	Report No / Sample	TC-1305124000002168F	Report Date	14-SEP-2024
Name of Customer	:	MICROALGAE SOLUTIONS INDIA PRIVATE LIMITED			
Address Of Customer	:	PLOT NO-98/3, N.H. NO. 8, LIMBADIA,NARODA, District : GANDHINAGAR Gujarat-382330			
Sample Description	:	Expire Waste			
Sample Quantity(UOM)	:	5.000 EA	Sampling Date	:	10-SEP-2024
Sampling Location	:	NA	Sample Received Date	:	10-SEP-2024
Sample Collected By	:	BY CUSTOMER	Analysis Start/End Date	:	11-SEP-2024 / 11-SEP-2024
Sample Type	:	INCINERATION SUITABILITY	Sampling Procedure	:	GRAB SAMPLING

Sr.No.	Parameters	Unit	Results	Permissible Limit	Method Reference
1	Physical State	-	Liquid	-	SOP/HW/21: 2021
2	Sample Appearance	-	Brown Colour	-	SOP/HW/21: 2021
3	pH (10% Solution)	-	3.79	-	APHA* 4500H+-B, 473 TO 478, 24TH ED.: 23
4	Gross Calorific Value	cal/gm	152	-	IS:1448 (PART-6):1984
5	Total Carbon (%)	%	1.67	-	ASTM D5291 - 10(2015): 2015
6	Total Hydrogen (%)	%	10.5	-	ASTM D5291 - 10(2015): 2015
7	Total Nitrogen	%	<0.1	-	ASTM D5291 - 10(2015): 2015
8	Total Sulphur	%	0.183	-	ASTM D5291 - 10(2015): 2015
9	Halogen (as Cl)	%	0.56	-	SOP/HW/15 VOLHARD'S METHOD
10	Cyanide (as CN)	mg/l	<0.01	-	APHA 4500 CN C ,370 TO 371 ,24THED::23
11	Water Content by K.F.(w/w)	%	88.16	-	USEPA 9000 B (FEB 2007)
12	Annealing Loss at 550°C	%	11.19	-	SOP/HW/O4 (ISSUE:02): 2021
13	ash content at 800°C	%	0.60	-	IS 1448 (PART-4) :1984
14	Flash Point	°C	>80	-	IS: 1448 (P:21) : 1992
15	Compatibility Test	-	Compatible	-	EPA 600: 1980
16	Flammability Test	-	Not Flammable	-	US EPA 1030: 1996
17	Fluoride (as F)	mg/l	<0.01	-	APHA 4500 F C ,398 TO 400 ,24THED: 2023
18	Ammonical Nitrogen(NH3-N)	mg/l	28	-	APHA 4500-NH3-C, 425, 24THED.: 2023
19	Reactivity With Lime	-	Not Reactive With Lime	-	ASTM D -5058-90: 2001
20	Reactivity With TEA	-	Not Reactive With TEA	-	ASTM D -5058-90: 2001
21	Reactivity With Water	-	Not Reactive With Water	-	ASTM D -5058-90: 2001

Remarks :- As per evaluated parameters, sample is suitable for Incineration disposal

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

ANALYTICAL RESEARCH LABORATORY
BEIL INFRASTRUCTURE LIMITED
(Formerly Known as Bharuch Enviro Infrastructure Ltd.)

TC-13051

TEST REPORT

Sample Id	001200001861	Report No / Sample	TC-1305124000002168F	Report Date	14-SEP-2024

For BEIL INFRASTRUCTURE LIMITED

AUTHORISED SIGNATORY

MR. N. B. PATEL

(QUALITY MANAGER)

ANALYTICAL RESEARCH LABORATORY
BEIL INFRASTRUCTURE LIMITED
(Formerly Known as Bharuch Enviro Infrastructure Ltd.)

TC-13051

TEST REPORT

Sample Id	001200002117	**Report No / Sample**	TC-1305124000002423F	**Report Date**	21-SEP-2024
Name of Customer	:	UPL LIMITED. UNIT-1			
Address Of Customer	:	Plot No.117,GIDC. District : BHARUCH Gujarat-393002			
Sample Description	:	MEE Salt			
Sample Quantity(UOM)	:	1.000 KG	**Sampling Date**	:	19-SEP-2024
Sampling Location	:	NA	**Sample Received Date**	:	19-SEP-2024
Sample Collected By	:	by Customer	**Analysis Start/End Date**	:	20-SEP-2024 / 21-SEP-2024
Sample Type	:	Landfill Suitability	**Sampling Procedure**	:	Grab sampling

Sr.No.	Parameters	Unit	Results	Permissible Limit	Method Reference
1	Appearance		Yellow coloured	-	SOP/HW/21: 2021
2	Flammability Test		Not Flammable	-	US EPA 1030: 1996
3	Compatibility Test		Compatible	-	EPA 600: 1980
4	PFLT Test (Plain Filter Liquid Test)		Pass	-	USEPA METHOD 9095B
5	Gross Calorific Value	cal/gm	172	<2500	IS:1448 (PART-6):1984
6	Halogen (as Cl)	%	14.44	-	SOP/HW/15 VOLHARD'S METHOD
7	Total Sulphur	%	14.9	-	ASTM D5291 - 10(2015): 2015
8	ash content at 800*C	%	82.08	-	IS 1448 (PART-4) :1984
9	Loss On Drying at 1100C	%	1.11	-	SOP HW/NB/16 (ISSUE:02): 2021
10	Oil and Grease	%	1.0	<4.0	APHA 5520 D, 575, 24TH ED.: 24TH 2023
11	Annealing Loss at 550°C	%	12.51	<20.0	SOP/HW/O4 (ISSUE:02): 2021
12	LRT Test (Liquid Release Test)	ml/100gm	0.00	<3.00	USEPA 9096
13	pH (10% Solution)		9.34	4-12	APHA* 4500H+-B, 473 TO 478, 24TH ED.: 23
14	Phenolic Compound (10% Solution)	mg/l	0.241	<100	APHA, 5530-D, 582, 24THED: 2023
15	Arsenic (10% Solution)	mg/l	<0.001	<1.00	APHA 3114-AS- C 224 TO 225, 24THED. 2023
16	Lead (10% Solution)	mg/l	0.0480	<2.00	APHA 3111 PB B,205 TO 206 ,24THED: 2023
17	Cadmium (10% Solution)	mg/l	<0.01	<0.20	APHA 3111 CD B,205 TO 206 ,24THED: 2023
18	Hexavalent Chromium (10% Solution)	mg/l	<0.01	<0.50	APHA 3500 CR B,256 TO 258 ,24THED: 2023
19	Copper (10% Solution)	mg/l	0.1431	<10.00	APHA 3111 CU B,205 TO 206 ,24THED: 2023
20	Nickel (10% Solution)	mg/l	0.9460	<3.00	APHA 3111 NI B,205 TO 206 ,24THED: 2023
21	Mercury (10% Solution)	mg/l	<0.001	<0.10	APHA 3112-HG- B, 210 TO 312,24THED:2023
22	Zinc (10% Solution)	mg/l	0.1481	<10.00	APHA 3111 ZN B,205 TO 206 ,24THED: 2023
23	Fluoride (10% Solution)	mg/l	48	<50.00	APHA 4500 F C ,398 TO 400 ,24THED: 2023
24	Ammoniacal Nitrogen (10% Solution)	mg/l	148	<1000	APHA 4500-NH3-C, 425, 24THED.: 2023
25	Cyanide (10% Solution)	mg/l	<0.01	<2.0	APHA 4500 CN C ,370 TO 371 ,24THED::23
26	Nitrate (as NO3)	mg/l	23.32	<30.00	APHA 4500 NO3 B ,434 TO 435,24THED:: 23
27	COD (10% Solution)	mg/l	6072	-	APHA 5220-B, 544 TO 546, 24TH ED.
28	Physical State		Solid	-	SOP/HW/21: 2021

Remarks : - As per evaluated parameters,sample is suitable for Landfill disposal.

TEST REPORT

Sample Id	001200002117	Report No / Sample	TC-1305124000002423F	Report Date	21-SEP-2024

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

For BEIL INFRASTRUCTURE LIMITED

AUTHORISED SIGNATORY
MR. N. B. PATEL
(QUALITY MANAGER)

Environmental Management Plan Compliance

Discipline	Environmental hazard	Mitigation Measures and Action plan	Compliance Status
Secured Landfill Facility			
Temporary storage of Hazardous waste	Leachate Generation	Collection of leachate and treatment	**Complied.** Temporary storage of hazardous waste is provided for monsoon period. Leachate generating from the temporary storage is being collected and treated in MEE or sent to ETL.
Loading the hazardous waste in dumper	Fugitive emission	Coverage of the dumper to prevent dusting	Complied. Secured authorized dedicated closed dumpers are being used.
	Spillage of waste on the 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 cleaning 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 leakages or spillage.
	Health impacts on the workers	Usage of Hydraulic dumpers/hook loaders to prevent manual handling Usage of PPEs by all Employees Medical checkup - 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 checkups are being carried out.

Transportation			
Transportation of Waste	Littering the waste on the road	Inspect the dumpers and ensure that there is no leakage/spillage from the vehicle Loaded dumpers/trucks with waste should be fully covered. Impart training to the drivers Dumpers/trucks should be leak proof	Complied. Regular inspection of the dumpers in also done to ensure that there is no leakage/spillage from the vehicle. Loaded dumpers/ vehicles are being covered, leak proof as well. Drivers are given training also.
	Disposal of waste at non designated place	Manifest System	Complied. We are following valid manifest system according to new hazardous and other waste (Handling and management) rules 2016.
	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	Complied. After loading/ unloading the tires are washed and wastewater is sent for treatment.
Final Disposal			
Final Disposal of the hazardous waste into secured landfill facility	Violent reaction/ fire	Strictly to follow the acceptance criteria Check the reactivity of the wastes prior to disposal	Complied. Comprehensive and fingerprint analysis are carried out before accepting the waste to strictly following acceptance criteria for landfill.
	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	Complied. Adequate covering of the sub cells with tarpaulin is done during monsoon.
	Blowing away of	Spray water during summer season	Complied. Water is being sprayed for dust suppression.

	the waste dust with the wind	Cover the waste layer with fresh soil and compact it.	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 or sent to ETL for further processing.
Monitoring Activity (Monitoring activity should continue even after closure of the facility)			
Water Quality	Ground water pollution Contamination of ground water	Monitoring groundwater at upstream and downstream of the site Groundwater monitoring surrounding the site as per pre designed plan Proper barrier systems like impermeable liners, gravity slope and gravel packed channels are constructed for natural flow of leachate and contact water The leachate generated has to be collected in an underground tank from where it can be pumped out to the treatment unit. Thus the chances of ground water contamination can be minimized.	Complied. There are bore wells, which are used to monitor ground water on regular basis. Adequate numbers of leachate collection wells are provided and leachate is being collected and send to MEE or ETL for further treatment.
Air Quality	Air pollution (Fugitive, Dust and gaseous	Ambient Air Monitoring for various parameters at the site and surroundings Water Dumpers, sprinklers are deployed for water spraying. Tree plantation around the facility area and	Complied. Ambient air monitoring is being done on regular basis for various parameters at the site and surrounding. Tree plantation surrounding the plant area is done. Though it is an ongoing process. Respirable dust samples are being collected and analyzed periodically to ensure

	emissions)	along the roads. Respirable dust samples are collected and analyzed periodically to ensure that the dust concentration limit is contained within the allowable limits.	that the dust concentration limit is contained within the allowable limits.
Soil Quality	Soil Pollution	Soil Sampling from various locations and	Complied.

	(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	analysis. After landfilling is complete, the liner system consisting of soil cover, HDPE liner and vegetative cover shall be immediately constructed to avoid any contamination of soil	Soil sampling and monitoring is being done on regular basis. Daily coverage and final coverage is done according to GPCB/CPCB criteria and guidelines to avoid any contamination of soil.

	localized)		
Noise	Noise pollution (Noise levels during construction phase will be high during operational phase due to instrumental work, increased truck movement earth movers etc.	These negative impacts are short term. Equipment to be kept and maintained in proper condition to keep the noise level within 75 dB(A) Workers will be provided with necessary protective equipment e.g. ear plug, earmuffs. Provision of green belt and plantation would further help in attenuating noise.	Complied. Noise level monitoring is dine on regular basis, adequate green belt is also provided. And employees are provided with suitable PPEs to avoid any short term or long term negative impacts of noise pollution. .

Traffic	Traffic Impacts	BEIL is situated towards one corner of industrial estate of GIDC, as there is no much traffic on this road, no traffic overcrowding is expected and the impact will be insignificant.	Complied. BEIL is situated towards one corner of industrial estate of GIDC, as there is no much traffic on this road, no traffic overcrowding is expected and the impact will be insignificant.
Socio-Economic	Socio-Economic Impacts	The site selected for the disposal of hazardous wastes in Ankleshwar industrial Estate, is not having any visible adverse impact on human populations well as live stock 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 phase-III proposed, there will be additional employment Opportunities for about 100 persons (Construction phase) and about 15 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.	Complied. The site selected for the disposal of hazardous wastes in Ankleshwar industrial Estate, is not having any visible adverse impact on human populations well as live stock as this site is excluded from any agriculture, forest, ecological sensitive or animal grazing land. Moreover, the site is within the industrial estate and with proposed expansion of TSDF phase-III, there was additional employment Opportunities for many workers during construction phase and during operational activity. In general, the implemented project had have positive environmental impacts by collecting and disposing the hazardous waste in the scientific manner, this will reduce the future health hazard.
Fire and Safety	Accidents/ disasters related to fire and safety	Since the TSDF site is already operational, this is an expansion of TSDF phase-III Disaster management plan (DMP) is in place A well-laid firefighting system and fire extinguishers are already installed as per fire safety norms Regular fire safety training will be	Complied. Since the TSDF site is already operational and this is an expansion of TSDF phase-III Disaster management plan (DMP) is already in place. A well-laid firefighting system and fire extinguishers are installed as per fire safety norm. Regular fire safety training will be conducted.

		conducted. Road/Fire	

Health and Safety	Injury	Since the TSDF site is already operational, this is an expansion of TSDF phase III; Pre-Placement and periodical medical examination of the TSDF site workers Use of personal protective equipment BEIL shall continue the health monitoring program for the employees. It should focus especially on workers who are handling the hazardous waste	Complied. Since the TSDF site is already operational and this being expansion of TSDF Phase- III, preplacement and periodical medical examination are done regularly BEIL continues the health monitoring program for the employees. It should focus especially on workers who are handling the hazardous waste
Impact on Agriculture and Livestock	No Impact	This is an expansion of TSDF phase-III, area between phase I and Phase II 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.	Complied. This is an expansion of TSDF phase-III, area between phase I and Phase II 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.
Storm Water	-	BEIL is providing coverage system with storm water collection and drainage for the utilized area as per the CPCB guidelines. The first coverage system has been provided in the year 2001. Since the top coverage system is provided with proper liner system including HDPE liner, the rainwater is taken care of properly. The rainwater is going through the drainage system without any contamination The rainwater harvesting system is provided based on the technology given by the Center for Science & Environment, New Delhi. Schematic diagram of rainwater harvesting system is given in figure	Complied.

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 41,00 sq. m. Green belt will be properly maintained resulting in formation of a thick canopy of trees around the project site.	Complied. Green belt is developed to a tune of 40,500 sq. mt with thick canopy trees around the project site and 2440 sq. mt. in middle area to mitigate the impacts on the overall air quality at the site.
Operation, Maintenance and Closure of the Facility	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.
	Leachate Generation	Sampling and analysis of leachate for various parameters, monthly Treatment of generated leachate in Multiple Effect Evaporator	Complied. Sampling and analysis of leachate for various parameters is being done. Treatment of generated leachate is done in Multiple Effect Evaporator or sent to ETL.
	Ground water Monitoring	Monitoring of Ground Water	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	Regular inspection and maintenance of the	Complied.

	the landfill	coverage system	Regular inspection and maintenance of the coverage system is being done.

O/C

BEIL INFRASTRUCTURE LIMITED
(Formely Known As Bharuch Enviro Infrastructure Limited)

Date – 17th October 2024

To,
Director of Industrial Safety & Health,
2nd Floor, Multi Storeyed Building,
Opp. Gayatrinagar,
Bharuch-392001

Subject: Submission of On-Site Emergency Plan for the Year 2024-2025.

Respected Sir,

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

Kindly acknowledge receipt of the same.

Thanking you,
For, BEIL Infrastructure Limited, Ankleswar.

Factory Manager

BEIL Infrastructure Ltd. Ankleshwar

19/10/2024
જુનિયર ક્લાર્ક
ઔદ્યોગિક સલામતી અને સ્વાસ્થ્ય
ભરૂચ

Encl.: As above.

CIN No.: U45300GJ1997PLC032696
Regd. 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 : dalwadibd@beil.co.in

Bureau Veritas Certification

BEIL INFRASTRUCTURE LIMITED

PLOT NO. 9601 - 04, 9701-16, 10001-3, GIDC INDUSTRIAL ESTATE,
ANKLESHWAR – 393 002, DIST. BHARUCH, GUJARAT, INDIA.

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

Standards

ISO 14001:2015 & ISO 45001:2018

Scope of certification

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

Original cycle start date for ISO 14001: **28 March 2015**

Original cycle start date for ISO 45001: **22 May 2020**

Recertification cycle start date: **19 March 2024**

Subject to the continued satisfactory operation of the organisation's Management System, this certificate is valid until: **27 March 2027**

Certificate No. **IND.24.1074/IM/U** Version: **1** Issue date: **19 March 2024**

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

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

ISO 14001	**IN046087**
ISO 45001	**IN046088**

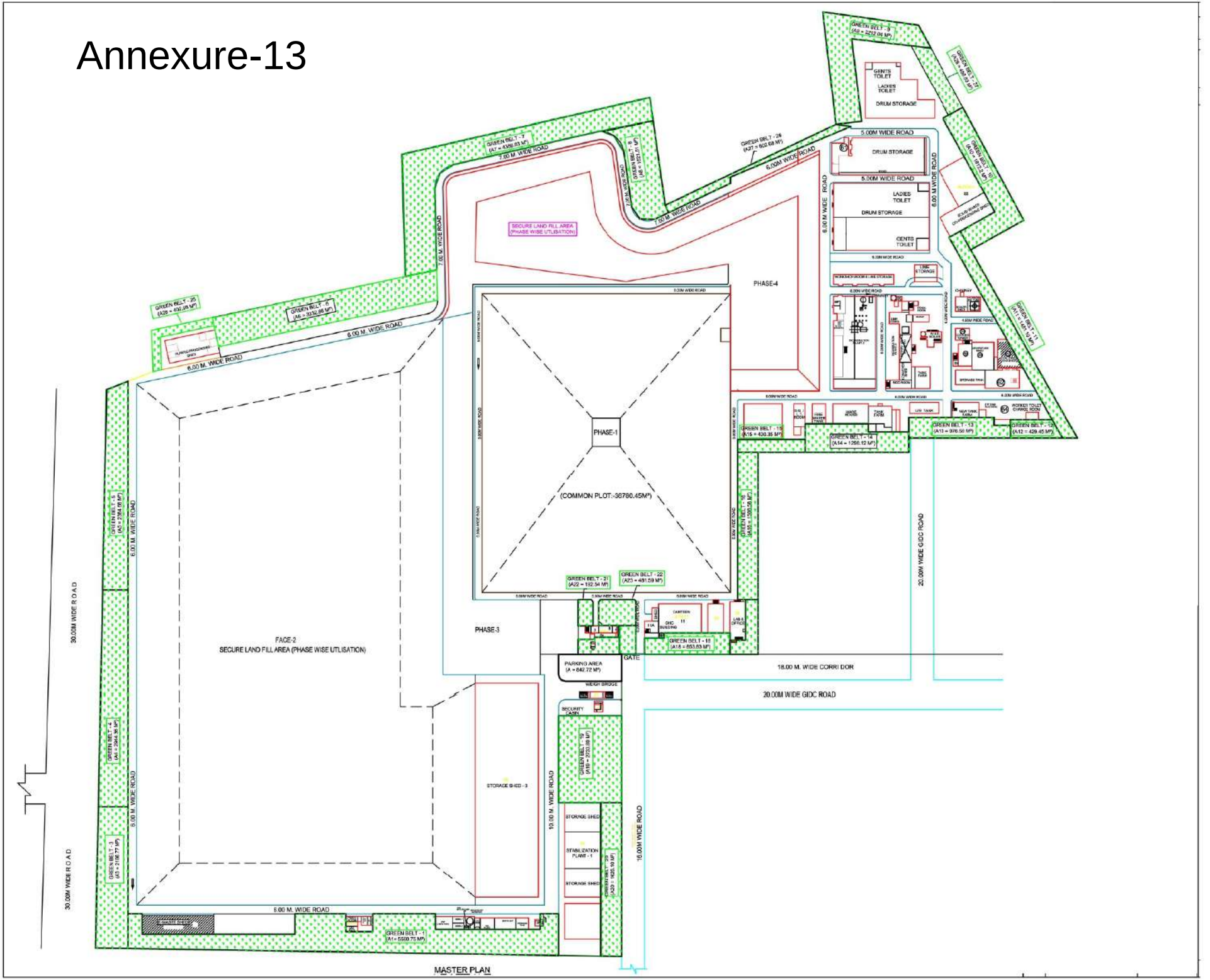
UKAS MANAGEMENT SYSTEMS
0008

Certification body address: 5th Floor, 66 Prescot 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 organisation.
To check this certificate validity please call **+ 91 22 6274 2000.**

Annexure-13


MASTER PLAN
PHASE-1
PHASE-3
PHASE-4
(COMMON PLOT:-36780.45M²)
FACE-2
SECURE LAND FILL AREA (PHASE WISE UTLISATION)
SECURE LAND FILL AREA (PHASE WISE UTLISATION)
6.00 M. WIDE ROAD
7.00 M. WIDE ROAD
5.00M WIDE ROAD
18.00 M. WIDE CORRI DOR
20.00M WIDE GIDC ROAD
16.00M WIDE ROAD
10.00 M. WIDE ROAD
30.00M WIDE R O A D
GATE
PARKING AREA
WEIGH BRIDGE
SECURITY CABIN
STORAGE SHED
STABILIZATION PLANT - 1
GENTS TOILET
LADIES TOILET
DRUM STORAGE
CANTEEN
GREEN BELT - 1
GREEN BELT - 2
GREEN BELT - 3
GREEN BELT - 4
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GREEN BELT - 26

ગ્રામ પંચાયત સેંગપુર

મુ.પો. સેંગપુર, તા. અંકલેશ્વર, જિ. ભરૂચ

GRAM PANCHAYAT SENGPUR

At. & Po. Sengpur, Ta. Ankleshwar, Dist. Bharuch

જાવક. નં. : વી.પી.

સા.સભા.તા.-૩૦/૮/૨૨

તા.૭/૯/૨૦૨૨

ભીંજે-સેંગપુર તા.-અંકલેશ્વર ની સા.સ ૩૦/૮/૨૨ ના રોજ મળેલ સા.સભા ના ઠરાવ નં ૬(૫) ની નકલ પુરી પાડવા બાબત

વિષય : ૬ : પ્રમુખ સ્થાનેથી રજૂઆત

વિષયક્રમ ૬(૫) : વનીકરણ કરવાની મંજુરી આપવા બાબત

ઠરાવ ૬(૫) : થી ઠરાવ કરવામાં આવે છે કે ભીંજે-સેંગપુર ગામે. જી.ઈ.બી.ની બાજુમાં બ્લોક નં-૨૨૮૨ પૈકી૨ . લિ. પુરા સેંગપુર ગામની સર્વે નં-૮૯- કુલ ક્ષેત્રફળ-૨-૮૨-૨૭, ૯૦-૨-૩૪-૦૫, સર્વે નં-૯૨-૩-૯૯-૩૩ સર્વે નં-૮૮-કુ.૨-૨૪૨-૭૪.ઘ. સર્વે નંબરમાં વનીકરણ કરવાની મંજુરી આપવા બાબતની સભામાં સર્વાનુમતે ઠરાવવું

॥ ઠરાવ ૬(૫) સર્વાનુમતે મંજુર ॥

બાબત ઉપરની ખરી નકલ

તલાટી કમ મંત્રી
ગ્રામ પંચાયત સેંગપુર
તા. અંકલેશ્વર, જી. ભરૂચ.

ગામ નમુનો નંબર ૭

બ્લોક/સરવે નંબર : ૮૯

16/11/2010 05:18 pm ની સ્થિતિએ

સત્તા પ્રકાર - જમીનનો ઉપયોગ : જુની શરત (જુ.શ) - ગૌચર

મોજે : સેગપુર

ખેતરનું નામ :

તાલુકો : અંકલેશ્વર

અન્ય વિગતો :

જીલ્લો : ભરુચ

લાયક જમીન	ક્ષેત્રફળ હે. આરે. ચોમી.	ખાતા નંબર/ક્ષેત્રફળ/આકાર હે. આરે. ચોમી.	બોધ નંબરો અને કબ્જેદારો ના નામ
જરાયત	૨-૮૨-૨૭		૧૪૬૩,૧૯૨૫,
પો.ખ. અ	૦-૨૩-૨૭		
		૬૯૧ | ૨-૮૨-૨૭ ૧૩.૦૦	ગૌચરણ(૧૪૬૩)
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પાણીભાગ રૂ.	૦.૦૦		
ગણોતિયાની વિગતો		બીજા હકો અને બોજાની વિગતો	

Not For Sale

ગામ નમુનો નંબર ૭

બ્લોક/સરવે નંબર : ૯૦

16/11/2010 05:18 pm ની સ્થિતિએ

સત્તા પ્રકાર - જમીનનો ઉપયોગ : જુની શરત (જુ.શ) - ગૌચર

મોજે : સેગપુર

ખેતરનું નામ :

તાલુકો : અંકલેશ્વર

અન્ય વિગતો :

જીલ્લો : ભરૂચ

લાયક જમીન	ક્ષેત્રફળ હે. આરે. ચોમી.	ખાતા નંબર/ક્ષેત્ર ફળ/આકાર હે. આરે. ચોમી.	બોધ નંબરો અને કબજેદારો ના નામ
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ર તિયાની વિગતો	બીજા હકો અને બોજા ની વિગતો

Not For Sale

ગામ નમુનો નંબર ૭

બ્લોક/સરવે નંબર : ૯૨

16/11/2010 05:18 pm ની સ્થિતિએ

સત્તા પ્રકાર - જમીનનો ઉપયોગ : જુની શરત (જુ.શ) - ગૌચર

ખેતરનું નામ :

અન્ય વિગતો :

મોજે : સેગપુર

તાલુકો : અંકલેશ્વર

જીલ્લો : ભરૂચ

લાયક જમીન	ક્ષેત્રફળ હે. આરે. ચોમી.	ખાતા નંબર/ક્ષેત્રફળ/આકાર હે. આરે. ચોમી.	બોજા નંબરો અને કબ્જેદારો ના નામ
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જંડી તથા વિશેશધારો રૂ	0.00		
પાણીભાગ રૂ.	0.00		

શોતિયાની વિગતો	બીજા હકો અને બોજાની વિગતો

Not For Sale

ગામ નમુનો નંબર ૭

સરવે નંબર : ૬૦ 16/11/2010 05:18 pm ની સ્થિતિએ

પ્રકાર - જમીનનો ઉપયોગ : જુની શરત (જુ.શ) - ગૌચર મોજે : સેગપુર

નું નામ : તાલુકો : અંકલેશ્વર

વિગતો : જીલ્લો : ભરુચ

એક જમીન	ક્ષેત્રફળ હે. આરે. ચોમી.	ખાતા નંબર/ક્ષેત્રફળ/આકાર હે. આરે. ચોમી.	બોધ નંબરો અને કબ્જેદારો ના નામ
.ત	૨-૪૧-૭૪		૧૪૬૩,૧૯૨૫,૪૩૩૫,
મારગ	૦-૦૧-૦૭	----------	----------
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તથા વિશેશધારો રૂ	0.00		
ભાગ રૂ.	0.00		

તિયાની વિગતો	બીજા હકો અને બોજાની વિગતો

Not For Sale

Annexure-14(A)

ક્રમાક/ડાઆઇઅસએચ/એફ-નકશા/ ૨૦૨૨ / ૧૧૭૬
ડાયરેકટર ઇન્ડસ્ટ્રીયલ સેફટી એન્ડ હેલ્થની કચેરી
શ્રમ ભવન ત્રીજો માળ ગન હાઉસની બાજુમાં
રૂસ્તમકામા માર્ગ ખાનપુર અમદાવાદ-૦૧
તા. ૪ / ૫ / ૨૦૨૨

પ્રતિ,

કબ્જેદારશ્રી,
BEIL INFRASTRUCTURE LTD.
PLOT NO. 7905/E TO 795/H, 7924 TO 7927, 9401 TO G/6 TO 9601 TO 964,
G/7, 11 TO 13, 9701 TO 9716, 9801 TO 9828, 9901 TO 9906 & 9923 TO 9928,
GIDC ANKLESHWAR, DIST. BHARUCH.

વિષયઃ- સને ૧૯૪૮ના કારખાનાના અધિનિયમ અન્વયેના નકશા મંજુર કરવા બાબત (વિસ્તૃતીકરણ)

મહાશય,

ઉપરોકત વિષયના સંદર્ભમાં આપના કારખાનાના નકશાની નકલ-નકલો નીચેની શરતોને આધિન રહીને મંજુર કરી પરત કરવામાં આવે છે.

(૧) મકાન કે વિસ્તૃતિકરણનો કારખાના તરીકે ઉપયોગ કરતા પહેલા મંજૂર થયેલ નકશામાં બતાવેલ કારખાનાનું વિસ્તૃતિકરણનું બાંધકામ, પ્લાન્ટ તથા મશીનરી અંગે સ્ટ્રકચરલ એન્જીનીયરીંગનું કારખાનાની મજબુતાઇ ચકાસ્યા અંગેનું સ્ટેબિલીટી સર્ટીફિકેટ ગુજરાત કારખાનાના નિયમ-૧૯૬૩ના નિયમ-3(ગ) હેઠળ નકકી કરેલ નમૂના-૧(એ)માં આપવું. સાથે બાંધકામની સ્ટ્રકચરલ ડીટેઇલ, ડીઝાઇન અને ડ્રોઇંગ રજુ કરવું. ઉપરાંત કારખાનાનું મકાન તેના ફલોર સહિત એક ચોરસમીટર ક્ષેત્રફળમાં કેટલુ વજન સહન કરી શકશે અને તેની સામે મુકવા ધારેલ વજન એક ચો.મી.માં કેટલું છે. ત્યાં કઇ રીતે બાંધકામ સલામત છે. તેની ગણતરી સહિતની વિગત સ્ટેબિલીટી સર્ટીફિકેટ સાથે રજુ કરવી. ઉપરાંત બાંધકામની તાકાત લેબોરેટરી ટેસ્ટ કરાવીને તેના પરિણામ સાથે ગણતરીને સરખાવીને રજુ કરી તે અંગેની જાણ ડાયરેકટર ઓફ ઇન્ડસ્ટ્રીયલ સેફટી એન્ડ હેલ્થ (કારખાનાના મુખ્ય નિરિક્ષક) ની સ્થાનિક કચેરીએ કરવાની રહેશે.

(૨) નવું તથા વધારાનું બાંધકામ કરતા અગાઉ સ્થાનિક સત્તાવાળા જેવા કે નગરપાલિકા/નગરપંચાયત/જીલ્લા પંચાયત/ગ્રામ પંચાયત/જાહેર બાંધકામ ખાતું/જી.આઇ.ડી.સી વિગેરેની પાસેથી મંજૂરી મેળવી લેવાની રહેશે.

(3) તમારા કરખાનામાંથી નીકળતા વ્યવસાયિક બગાડ જેવા કે, ગંદુ પાણી, ધુમાડો, ધૂળ કે ગેસ વિગેરેના નિકાલ અંગેની જળ વાયુ પ્રદૂષણ પાસેથી મંજુરી મેળવવી.

(૪) નવા કારખાના માટે નવું બાંધકામ કરેલ હોય તો BOCWWELFARE & CESS ACT ની જોગવાઈ મુંજબ બાંધકામ ની કુલ કિમતના ૧ ટકા લેખે સેસની રકમ સેસ કલેક્ટર સમક્ષ જમાં કરાવી તેના આધાર/પુરાવા રજું કરવાના રહેશે.

(૫) સક્ષમ અધિકારી દ્વારા મંજૂર કરેલ પ્લાન પ્રમાણે બાંધકામ કરવાનું રહેશે તથા કારખાનાં માં બતાવેલ ખુલ્લી રાખવાપાત્ર જગ્યાઈ ખુલ્લી જ રાખવાની રહેશે.

(૬) કારખાનાં માં કામ કરતી વખતે શ્રમયોગીઓની યોગ્ય સલામતીના સાધાનો વસાવી પુરાં પાડવાં તેમજ ઈમરજંસી વખતે શ્રમયોગીઓની સહેલાઈથી નીકળી શકે તે માટે રસ્તા/સીડીઓઅડચણ રહીત વ્યવસ્થા કાયમ માટે કરવાની રહેશે.

(૭) સુધારેલ ગુજરાત ફેક્ટરી રૂલ્સનાં નિયમ-૬૬(એ) અંન્વયે આગ પ્રતિરોધક સાધનો વસાવી નિભાવવાની રહેશે.

(૮) સૂચિત નકશા રજૂ કરેલ હોઈ ખરેખર બાંધકામ થયા બાદ નકશા મંજૂર કરવા ભલામણ છે.

(૯) નકશા મંજુર થયાના ત્રણ માસમાં માન્ય ઇલેક્ટ્રિકલ ફાયર કન્ટેનમેન્ટ સીસ્ટમ ઇન્સ્ટોલ કરવાની રહેશે.

આપનો વિશ્વાસુ,
P.A.Shah
ડાયરેકટર
ઇન્ડસ્ટ્રીયલ સેફટી એન્ડ હેલ્થ
ગુજરાત રાજય અમદાવાદ

ક્રમાંક/ડીઆઈએસએચ/એફ-નકશા/ ૨૦૨૨ /૧૧૭૦
ડાયરેકટર ઇન્ડસ્ટ્રીયલ સેફટી એન્ડ હેલ્થની કચેરી
શ્રમ ભવન ત્રીજો માળ ગન હાઉસની બાજુમાં
રૂસ્તમકામા માર્ગ ખાનપુર અમદાવાદ-૦૧
તા. ૪ / ૫ / ૨૦૨૨

નકલ રવાનાઃ-

આસી/ડેપ્યુટી ડાયરેકટરશ્રી, ઇન્ડસ્ટ્રીયલ સેફટી એન્ડ હેલ્થ, BHARUCH ને મંજુર થયેલ નકશાની નકલ દસ્તાવેજ સહિત જે તા:- 11/04/2022 ના પત્ર ક્રમાંક : 800 થી મોકલેલ તે આ સાથે દસ્તાવેજ સહિત પરત કરેલ છે.

S/d
ડાયરેકટર
ઇન્ડસ્ટ્રીયલ સેફટી એન્ડ હેલ્થ
ગુજરાત રાજય અમદાવાદ

Annexure-14.1

GUJARAT INDUSTRIAL DEVELOPMENT CORPORATION
(A GOVT. OF GUJARAT UNDERTAKING)

ગુજરાત ઔદ્યોગિક વિકાસ નિગમ

OFFICE OF THE EXECUTIVE ENGINEER
624/B, G.I.D.C. Administrative Office Building,
GIDC, Ankleshwar-393002
Phone : (02646) 221351

No./GIDC/XEN/ANK/PB / 1217

Date : - -201
17 MAY 2017

To,
M/s Bharuch Enviro Infra.
Structure Ltd
Plot No- 7905/E TO 9928
GIDC
Ankleshwar

Sub.: Approval of drawing of the proposed / ~~Revised~~, ~~Extension~~ & Altretion Factory Building / ~~Residential Building~~ / ~~Commercial Building~~ on Plot/Shed No. 7905/E TO 9928 at G.I.D.C., Ankleshwar.

Ref : (1) Your letter No. online **Dtd.** 15/4/17
(2) Your letter No. —— **Dtd.** ——

Dear Sir,

Gujarat Industrial Development Corporation is pleased to inform you that the plans sent by you are approved by this office for construction subject to the following conditions

1. The drawings are subject to approval by the Dy. Director, Industrial Safty & Health. You have to submit within one month to this office.
2. The drawings are subject to checking of structural soundness and safety by your Engineers.
3. The drawings will be subject to revision under regulation formulated by the Corporation from time to time.
4. The full plot is allotted to you and the possession is taken by you.
5. The drawings are subject to the approval by local bodies such as GEB, PWD, PANCHAYAT, MUNICIPALITY etc before starting of construction activities and also as per requirement. GPCB CONSANT.
6. Effluent shall be treated as per ISS 3088/1965 and plans for the same should be submitted before commencement of the factory.
7. Septic tank, Control Manhole etc should be provided with C.I heavy cover as per requirements.
8. All gates of compound should open inward and be provided with stop which will prevent the gate from opening outwards towards the front part of the road.
9. Barbed wire fencing or compound wall shall be within the plot boundries of owners own plot.
10. **You are requested to obtain the completion certificate from Executive Engineer GIDC, Ankleshwar, after completing the constructon work on site.**
11. The time limit extension orders, for utilisation of plot/ shed shall be obtained from Regional Manager, GIDC, Ankleshwar.
12. The work shall be executed at your own risk and cost. All the structural changes shall have to checked and supervised by your authorised Engineer.
13. You are requested to provide 3 Nos of tree per 200.00 sq. mts. plot area.

14. The shed _____ is constructed with ream pile foundation hence no excavation upto one meter either side (inside or outside) of wall of sheds shall be done otherwise piles will be exposed and the foundation of sheds may be structurally affected causing damage to shed.
15. Payment of all outstanding dues if any of the Corporation shall be cleared & other concern department.
16. The fact of approval of the plan shall not be prejudicial of the Corporation, right to take any action under the provisions of disposal of property regulation, disposal of land regulations, lease deed, conveyance deed, from the agreement, agreement for sale, offer letter, allotment letter as well as recovery of dues of action under any act in force.
17. This approval is valid for two years only from the date of approval of plan.
18. If the underground drainage collection system is already laid near your plot, please ensure that the effluent from your premises will flow into the nearest GIDC manhole.
19. You shall have provided fire fighting provision as per national building code.
20. You are reqested to provide ___ Nos. of Rain water Harvesting with percoleting borewell as per Total plot area.
21. You will have to carry out construction activity strictly as per Circular No. GIDC/ O&M/CIR/ENG/ HQ/34/99 dated 25/6/99 (copy enclosed) for checks of building construction activity in plot & issuing building completion certificate.
22. Plans approval subject to condition Regarding height Between two floor more than 4.00 mt & total height more than 13.00 mt for which permission from Dy. Director/ Industrial safty & health may be obtained and produce the same to this office.
23. **IMPORTANT NOTE :**
STRUCTURAL SAFETY AND SAFETY MEASURE AGAINST ALL NATURAL CLAIMANTS ARETO BE TAKEN BY YOU AND ARE NOT CHECKED BY THIS OFFICE GIDC ANKLESHWAR.

Important Note :-
Structural safety and Safety measures against all natural calamities are to be taken by you and are & not checked by this office
GIDC, Ankleshwar Division

Gujarat Industrial Development Corporation is looking forward towards completion of your factory and its successful functioning within a year.

With best wishes,

Yours faithfully

16/5

EXECUTIVE ENGINEER
GIDC, ANKLESHWAR.

Encl: 1. Drawings two sets
2. Booklet Circular No. GIDC/O&M/CIR/ENG/HQ/34/00 dated 25/6/99.

Copy to :
1. Asstt Manager GIDC Ankleshwar along with one copy of approved drawings for information and record Please.
2. Dy Ex. Engineer GIDC, Ankleshwar along with one copy of approved drawings
3. Chief Officer (NA), GIDC Ankleshwar along with one copy of approved drawings
4. Copy of S.W.R TO S.R. A.I.P GIDC Chhatral for along with appel Layout plan.

BHARUCH ENVIRO INFRASTRUCTURE LTD.
SITE OFFICE : 9701-16, P.S. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
PHONE : (02646) 253135, 225228

March 24, 2008

Paryavaran Suraksha Samiti
Vadodara

Kind attn :- Mr Rohit Prajapati

Dear Sir;

Sub :- Environmental Clearance for our TSDF Facility

Ref :- Environmental Clearance No. 10-48/2007-IA.III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSDF Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

We are enclosing herewith copy of above Environmental Clearance for your kind perusal.

We hope that you will find the same in order.

Thanking you

Yours faithfully
For, Bharuch Enviro Infrastructure Ltd

DR P N PARAMESWARAN
Sr General Manager (Environment)

Encl : a/a

BHARUCH ENVIRO INFRASTRUCTURE LTD.
SITE OFFICE : 9701-15, P.S. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
PHONE : (02646) 253135, 225228

March 24, 2008

Centre for Environment, Science & Community
CESCOM
Vadodara

Kind attn :- Mr Jayesh Patel

Dear Sir;

Sub :- Environmental Clearance for our TSDF Facility

Ref :- Environmental Clearance No. 10-48/2007-IA.III dated 04.03.2008

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We hope that you will find the same in order.

Thanking you

Yours faithfully
For, Bharuch Enviro Infrastructure Ltd

DR P N PARAMESWARAN
Sr General Manager (Environment)

Encl : a/a

REGD. OFFICE : 117, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH, GUJARAT
PHONE : (02646) 251252 / 251223 / 251249 FAX : (02646) 250297

BHARUCH ENVIRO INFRASTRUCTURE LTD.
SITE OFFICE : 9701-16, P.S. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
PHONE : (02646) 253135, 225228

March 24, 2008

Safety Health & Environment Association
Kasak Fuvara
Bharuch

Kind attn :- Mr Yogesh Pandya

Dear Sir,

Sub :- Environmental Clearance for our TSDF Facility

Ref :- Environmental Clearance No. 10-48/2007-IA.III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSDF Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

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Yours faithfully
For, Bharuch Enviro Infrastructure Ltd

DR P N PARAMESWARAN
Sr General Manager (Environment)

Encl : a/a

REGD. OFFICE : 117, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH, GUJARAT
PHONE : (02646) 251252 / 251223 / 251249 FAX : (02646) 250297

BHARUCH ENVIRO INFRASTRUCTURE LTD.
SITE OFFICE : 9701-16, P.B. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
PHONE : (02646) 253135, 225228

March 24, 2008

Mr Pravinbhai P Sheth
Senior Citizen
Ankleshwar

Dear Sir;

Sub :- Environmental Clearance for our TSDF Facility

Ref :- Environmental Clearance No. 10-48/2007-IA.III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSDF Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

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We hope that you will find the same in order.

Thanking you

Yours faithfully
For, Bharuch Enviro Infrastructure Ltd

DR P N PARAMESWARAN
Sr General Manager (Environment)

Encl : a/a

BHARUCH ENVIRO INFRASTRUCTURE LTD.
SITE OFFICE : 9701-16, P.B. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
PHONE : (02646) 253135, 225228

March 24, 2008

Paryavaran Mitra
Ahmedabad

Kind attn :- Mr Mahesh Pandya

Dear Sir;

Sub :- Environmental Clearance for our TSDF Facility

Ref :- Environmental Clearance No. 10-48/2007-IA.III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSDF Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

We are enclosing herewith copy of above Environmental Clearance for your kind perusal.

We hope that you will find the same in order.

Thanking you

Yours faithfully
For, Bharuch Enviro Infrastructure Ltd

DR P N PARAMESWARAN
Sr General Manager (Environment)

Encl : a/a

REGD. OFFICE : 117, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH, GUJARAT
PHONE : (02646) 251252 / 251223 / 251249 FAX : (02646) 250297

BHARUCH ENVIRO INFRASTRUCTURE LTD.
SITE OFFICE : 9701-16, P.B. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
PHONE : (02646) 253135, 225228

March 24, 2008

Brackish Water Research Center
Olpad
Dist – Surat

Kind attn :- Mr M S H Sheikh

Dear Sir;

Sub :- Environmental Clearance for our TSDF Facility

Ref :- Environmental Clearance No. 10-48/2007-IA.III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSDF Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

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We hope that you will find the same in order.

Thanking you

Yours faithfully
For, Bharuch Enviro Infrastructure Ltd

DR P N PARAMESWARAN
Sr General Manager (Environment)

Encl : a/a

REGD. OFFICE : 117, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH, GUJARAT
PHONE : (02646) 251252 / 251223 / 251249 FAX : (02646) 250297

BHARUCH ENVIRO INFRASTRUCTURE LTD.
B E I L
SITE OFFICE : 9701-16, P.B. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
PHONE : (02646) 253135, 225228
ISO 14001

March 24, 2008

Mr Bipin Upadhyay
Ankleshwar

Dear Sir;

Sub :- Environmental Clearance for our TSDF Facility

Ref :- Environmental Clearance No. 10-48/2007-IA.III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSDF Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

We are enclosing herewith copy of above Environmental Clearance for your kind perusal.

We hope that you will find the same in order.

Thanking you

Yours faithfully
For, Bharuch Enviro Infrastructure Ltd

DR P N PARAMESWARAN
Sr General Manager (Environment)

Encl : a/a

REGD. OFFICE : 117, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH, GUJARAT
PHONE : (02646) 251252 / 251223 / 251249 FAX : (02646) 250297

BHARUCH ENVIRO INFRASTRUCTURE LTD.
B E I L
SITE OFFICE : 9701-16, P.B. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
PHONE : (02646) 253135, 225228

March 24, 2008

Mr Sandeep Jaguwala, Advocate
Ankleshwar

Dear Sir;

Sub :- Environmental Clearance for our TSDF Facility

Ref :- Environmental Clearance No. 10-48/2007-IA.III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSDF Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

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PHONE : (02646) 253135, 226228

March 24, 2008

The Ankleshwar Scrap Dealers' Association
Ansar Market
NH # 8
Ankleshwar

Dear Sir;

Sub :- Environmental Clearance for our TSDF Facility

Ref :- Environmental Clearance No. 10-48/2007-IA.III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSDF Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

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Yours faithfully
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PHONE : (02646) 253135, 225228

March 24, 2008

Gir Nature Club
Junagadh

Kind attn :- Mr Amit Jethwa

Dear Sir;

Sub :- Environmental Clearance for our TSDF Facility

Ref :- Environmental Clearance No. 10-48/2007-IA.III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSDF Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

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Annexure-16

૧ એપ્રિલથી પાલિકાઓમાં કારપેટ એરિયા આધારિત મિલકતવેરો

- રાજ્યની ૧૫૯ નગરપાલિકાઓમાં થનારો અમલ
- રાજ્ય સરકારે ગત વિધાનસભામાં ખરડો પસાર કર્યો હતો

અમદાવાદ, ગુરુવાર

રાજ્યની ૧૫૯ નગરપાલિકાઓમાં ૧ એપ્રિલ-૦૮થી કારપેટ એરિયા આધારિત મિલકતવેરો વસૂલ કરાશે. રાજ્ય સરકારે ગત વિધાનસભામાં આ અંગે ખરડો પસાર કર્યો હતો. કારપેટ એરિયા તરીકે બહારની કે અંદરની દીવાલ જેના પર ઊભી કરાઇ હોય તે વિસ્તાર સિવાયનો ઇમારતનો વિસ્તાર ગણાશે. આ નવી ફોર્મ્યુલા પ્રમાણે દર બે વર્ષે મિલકતવેરામાં ૧૦ ટકાનો વધારો કરાશે. મિલકત વેરાની વસૂલાત માટે ૧૫૯ નગરપાલિકાઓને ૪ વિભાગમાં વહેંચી દેવાઇ છે અને દરેક વિભાગમાં મિલકતવેરાની ગણતરી માટે અલગ અલગ દર નક્કી કરાશે.

કારપેટ એરિયા આધારિત મિલકતવેરો નક્કી કરતી વેળાએ મિલકતનું સ્થળ સૌથી પહેલાં જોવાશે. રહેણાંક જો 'સમૃદ્ધ વિસ્તાર'માં હશે તો તેનો ભારાંક (લિટિગ રેટ) રૂ. ૧.૨૫, 'મધ્યમ' વિસ્તાર માટે રૂ.૧.૦૦ અને 'નબળા' વિસ્તાર માટે ૦.૭૫ પૈસા રખાયો છે. કોમર્શિયલ હેતુની મિલકત જો 'સમૃદ્ધ' વિસ્તારમાં હશે તો ભારાંક રૂ.૧.૫૦, 'મધ્યમ' વિસ્તારમાં હશે તો રૂ.૧.૨૫ અને 'નબળા' વિસ્તારમાં હશે તો રૂ. ૧.૦૦ રખાશે. બીજા પરિબળ તરીકે બાંધકામનું આયુષ્ય જોવાશે, જેમાં ૨૦ વર્ષ સુધી રૂ. ૧.૦૦, ૨૦થી વધુ પરંતુ ૪૦થી ઓછા વર્ષ માટે ૦.૭૫ પૈસા અને ૪૦ વર્ષથી વધુ જૂની ઇમારત માટે ૦.૫૦ પૈસાનો દર વસૂલાશે. જો મિલકત માલિકના તાબે હશે તો ભારાંક રૂ.૧.૦૦ અને ભાડુઆતના તાબે (ટેનેન્ટ) હશે તો રૂ.૧.૨૫નો ભારાંક રહેશે. બાંધકામ જો સ્વતંત્ર બંગલો હશે તો રૂ.૧.૨૫, ટેનામેન્ટ-રોહાઉસ હશે તો રૂ.૧.૦૦, ફ્લેટ હશે તો ૦.૭૫ પૈસા, પોળ- શહેરી વિસ્તારમાં રહેઠાણનાં મકાનો હશે તો ૦.૭૫ પૈસા તથા ચાલી તથા ખુલ્લા પ્લોટનાં બાંધકામ માટે ભારાં ૦.૫૦ પૈસા રહેશે. કોમર્શિયલ ઉપયોગ માટે રૂ.૪.૦૦નો ભારાં રહેશે (બેંક, પેટ્રોલપંપ, ગોડાઉન વેરહાઉસ વગેરે) જ્યારે દુકાન હોટેલ, રેસ્ટોરન્ટ, થિયેટર વગે માટે રૂ.૩.૦૦નો ભારાંક રહેશે.

મિલકતવેરો કેવી રીતે ગણાશે ?

મિલકત વેરાની રકમ = મિલકતનું ક્ષેત્રફળ (ચો.મી.)

ચો.મી. દીઠ વેરાનો દર (+૧) ટ મિલકતનું સ્થળ (+૨)

મિલકતનું આયુષ્ય (+૩) ટ મિલકતનો પ્રકાર (+૪)

ગણતરી મૂકવાથી જે રકમ આવશે તે જે તે મિલકતધારકની મિલકતનો વાર્ષિક મિલકતવેરો ગણાશે.

ધારો કે કોઈ એક નગરપાલિકામાં ૭૫ ચો.મી.નું રહેણાંકનું મકાન (ફ્લેટ પ્રકારનું) સમૃદ્ધ વિસ્તારમાં છે. તે ૧૦ વર્ષ જૂનું છે અને મકાનમાલિક પોતે ઉપયોગમાં લે છે.

ધારો કે મિલકતવેરાનો દર પ્રતિ ચો.મી. રૂ. ૫ રાખવામાં આવે તો

ચો.મી. દીઠ રૂ.૫ ટ ૭૫ = રૂ.૩૭૫

હવે નવી ફોર્મ્યુલા મુજબ,

૩૭૫ ટ ૧.૨૫ (+૧) ટ ૧ (મિલકતની ઉંમર) (+૨) ટ ૧ (ઉપયોગ) (+૩) ટ ૦.૭૫ (બાંધકામનો પ્રકાર) (+૪) = ૩૭૫ ટ ૧.૨૫ ટ

૧.૦૦ ટ ૦.૭૫ = ૩૫૧.૫૬ મિલકતવેરો.

ભરૂચ એન્વીરો ઇન્ફ્રાસ્ટ્રક્ચર લી.

પ્લોટ નં. ૯૬૦૧ થી ૯૬૦૪, ૧૦૦૧ થી ૧૦૦૩ જી-૭ અને ૮, ૭૯૨૪ થી ૭૯૨૭, ૯૪૦૧ થી ૯૪૧૨, ૯૫૦૧ થી ૯૫૦૬, ૭૯૦૫ ઈ થી એચ. ૯૯૦૧ થી ૯૯૦૮ અને ૯૯૨૩ થી ૯૯૨૮ જીઆઈડીસી અંકલેશ્વર ૩૯૩૦૦૨, જી. ભરૂચ, ગુજરાત

ટી.એસ.ડી. એફ સુવિધા માટે પર્યાવરણીય મંજુરી વિસ્તૃતીકરણ અને કોમન ઇન્સીનરેશન સુવિધાઓ

આ સાથે જણાવવામાં આવે છે કે ભારત સરકારના વન અને પર્યાવરણ મંત્રાલયે પત્ર ક્રમાંક 10-4 B/2007.IA.III તા. ૦૪-૦૩-૨૦૦૮ દ્વારા મે. ભરૂચ એન્વીરો ઇન્ફ્રાસ્ટ્રક્ચર લી., અંકલેશ્વરને ટી.એસ.ડી.એફ. સુવિધાના વિસ્તૃતીકરણ માટે પર્યાવરણીય મંજુરી પ્રદાન કરેલ છે. મંજુરી પત્રની પ્રતો ગુજરાત પ્રદુષણ નિયંત્રણ બોર્ડ તથા વન અને પર્યાવરણ મંત્રાલયની વેબ સાઇટ www.envfor.nic.in પર પણ જોઈ શકાય છે.

SARFAESI Act 2002 and SIE Rules 2002 હેઠળ બેંકના કબજા વાળી સ્થાવર મિલકતની વેચાણની જાહેર હરાજી

નીચે શીડ્યુલ માં જણાવેલ બાતેદારની તેમા જણાવેલ મિલકત બેંકે સીક્યુરટાઝેશ કન્સ્ટ્રકશન ઓફ ફાયનાન્શીયલ એસેટ એન્ડ-૨૦૦૨ તથા એનફોર્સમેન્ટ ઓફ સીક્યુરી ઇન્ટરેસ્ટ રુલ્સ ૨૦૦૨ હેઠળની નોટીસ તારીખ 3-૧૦-૦૬ ના રોજ ઇસ્યુ કરેલ છે. આધારે તેઓએ રુપીયા ૨૧૪૨૩૪૭.૦૦ તથા વ્યાજ તથા અન્ય ખર્ચ સહિતની રક ભરવાની બાકી નીકળે છે.તેઓ આ રકમ ભરવા બાબત સફળ થયા ન હોવાથી સીક્યુ વાળી મીંગેજ કરેલી મિલકત તારીખ ૨૦-૦૩-૦૮ ના રોજ તેનું પઝેશન બેંકે લઇ અંગેની જાહેરાત તા.૨૧-૦૩-૦૮ અને ૨૨-૦૩-૦૮ ના રોજ દૈનિક પેપરમાં પ્રગટ કરે છે.

સદર હું મિલકતનું વેચાણ "જે છે,જ્યાં છે અને જેમ છે."તે ધોરણે જાહેર હરાજી તારીખ ૨૨-૦૪-૦૮ ના રોજ બપોરના ૨.૦૦ કલાકે નીચે સહિ કરનારની બેંકની ઓફ ખાતે વેચાણ કરવામાં આવશે. સદર હું હરાજીમાં ભાગ લેનારે શીડ્યુલ્ડ કરવામાં આ નીચે સહિ કરનારને તે દિવસ ના બપોરના ૧.૦૦ કલાક સુધીમાં આપાવાની રહે ઓફર કરનારને ઓફર સાથે પોતાની ઓળખની સાબીતી સાથે રુપીયા ૬,૨૫,૦૦૦. ની હિંમતનો બેંક ઓફ બરોડા ગોધરા શાખાના નામનો ડ્રાફ્ટ/પેઓર્ડર દ્વારા જ કરવાના રહેશે. ઓફર સ્વિકાર થયેથી ખરીદ હિંમતની ૫૦% રકમ ૦૯ દિવસમાં જ કરવાની રહેશે તેમજ બાકીની ૫૦% રકમ ઓફર સ્વિકાર થયાના ૧૦ દિવસ

ી દસ્તાવેજ/પ્રમાણપત્ર સામેલ કરવામાં આવે. ૦૨. ખાનગી વ્યક્તિઓના પ્રમાણપત્ર જેના માટે આ

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The Mahatma Gandhi monument in Dandi

BHARUCH ENVIRO INFRASTRUCTURE LT

Plot No. 9601 to 9604, 1001 to 1003 G-7 and 8, 7924 to 7927, 9401 to 9412, 95 to 9506, 7905 E to H, 9901 to 9908 and 9923 to 9928, GIDC, Ankleshwar – 393 Dist – bharuch, Gujarat.

ENVIRONMENTAL CLEARANCE FOR TSDF EXPANSIC AND COMMON INCINERATION FACILITY

Government of India, Ministry of Environment & Forests, New Delhi, have accorded Environmental Clearance No. 10-49/2007-IA.III dated 04.03.2008 to M/s Bharuch Enviro Infrastructure Ltd., Ankleshwar for expansion of TSDF Facility. Environmental Clearance can be seen at GPCB and on the web site of MoEF (www.envfor.nic.in).

O/C

BHARUCH ENVIRO INFRASTRUCTURE LIMITED

BEIL-PH-III/MoEF/03

Date: 19.12.2014

Received by CR
Ministry of Environment, Forest & Climate Change
Government of India

To;
Ministry of Environment, Forest and Climate Change
Indira Paryavaran Bhawan
Jal Block, 2nd Floor.
Jor Bagh Road, Aliganj, New Delhi-110003

Subject: Submission of Compliance status of EC for expansion of TSDF and common incinerator facility

Ref: MoEF, RO-Bhopal, letter No. 5-28/2008(ENV)/356 dated 19.11.2014 regarding certification of compliance

R/Sir;

Kindly refer letter No. 5-28/2008(ENV)/356, dated 19.11.2014. We are submitting herewith our comments /explanation regarding Compliance to EC conditions which are mentioned as not complied and partially complied.

Conditions A. Specific Condition	Compliance status ss per MOEF Letter No. 5-28/2008(ENV)/356, dated 19.11.2014	BEIL Comments / Explanation
5. All the conditions stipulated in the letter of Gujarat PCB vide their letter dated 22.05.2007 should be strictly implemented along with hazardous (Management and Handling) Rules 2003	Partially Complied 1) No consistency in submission of half yearly report along with compliance status	1) We have obtained EC in March,2008. We have set up second incinerator in 2012. As the project was not implemented, we have not submitted report earlier. We are regularly submitting half yearly compliance report from January, 2012. The first half yearly report was submitted for July to Dec,2011. Copies of acknowledgements are attached as *Annexure:1*

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 : panjwania@uniphos.com
Regd. Office : Plot No. 117-118, GIDC Estate, Ankleshwar 393 002,Dist.: Bharuch. (Gujarat)

		application is attached as *Annexure :2*
7. A copy of the clearance letter shall be marked to the concerned panchayat/local NGO, if any, from whom any suggestion/representation has been received while processing the proposal	Partially Complied No documentary evidence was submitted	1) We have marked EC copy to concerned , local NGO's from whom suggestions representation have received during processing of the proposal. Copies of letters are attached as *Annexure :6*
9. The project proponent should advertise at least in two local newspapers widely circulated in the region around the project one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Gujarat State Pollution Control Board and may also be seen at website of the ministry of environment & forests at http///www.envfor.nic.in	Partly Complied Only one copy of advertisement is submitted	1) We have given advertisement in papers SANDESH dated 22.03.2008, THE INDIAN EXPRESS dated 22.03.2008 Copy advertisements are attached as *Annexure: 7(a) and Annexure: 7(b)*

		loss as per the acceptance criteria for landfill. (Copy of comprehensive analysis report is attached as *Annexure :4 (a)* (Copy of analysis report is available in our Half yearly Environmental Audit (Jan- 2014 to June-2014) carried out by Schedule-1 Auditor is attached as *Annexure:4(b)*
11. Project proponent shall carry out periodical/groundwater/soil monitoring in and around the site to check the contamination including TCLP test for heavy metals	Partly Complied 1) Water quality analytical reports of May 2012, November 2012 and May-2014 are showing higher concentration of Nickel and Chromium 2) No consistency in submission of half yearly report along with compliance status	1) We have checked the analytical reports of May 2012, November 2012 and May-2014. The limit of in Chromium is 0.05 mg/l. & For Nickel we could not find any specific limit Our results during the period are found within permissible limit. Copy of the analytical reports are attached as *Annexure :5* 2) We have obtained EC in March,2008. We have set up second incinerator in 2012. As the project was not implemented, we have not submitted report earlier. We are regularly submitting half yearly compliance report from January, 2012. The first half yearly report was submitted for July to Dec,2011. Copies of acknowledgements are attached as Annexure:1
13 Green belt development to a tune of 41,000 sq mts with thick canopy trees around the project site should be taken up to mitigate the impacts on the overall air quality at the site	Partly Complied 1) 12,285 saplings have been grown covering an area of 50,000 Sq. Meters. Includes part of greenbelt and plantation over capped cells.	1) We have developed greenbelt in total area of 50,000 Sq. Meters. Approx 12485 Nos. of Plantation done. Development of greenbelt is a continuous process as long as site is operational.

As per the END NOTE maximum conditions are complied and we are given details regarding specific point No. 6 and 7.

Pt No. 6: We have successfully uploaded our Compliance report on our website at http://www.tatvaglobal.com/about_tatva.php

Copy of the Website page is attached as *Annexure: 9*

Pt No. 7: Minutes of Public hearing conducted, are attached as *Annexure: 10* for your ready reference.

We hope that the above is in order. We humbly request you to make correction in the above certificate

Thanking You

Yours faithfully,
For, Bharuch Enviro Infrastructure Ltd.

B. D. Dalwadi
Chief Executive Officer

C.C to

Dr. A. Mehrotra , Director(S)
Ministry of Environment and Forests
Regional Office , Western Region,
Kendriya Paryavaran Bhawan
Link Road No.3
E-5 ,RavishankarNagar
Bhopal- 462016

Annexure: 8(b)

बैंक ऑफ़ बड़ौदा Bank of Baroda

INDANK/ADV/2011-12 Date: 30.04.2011

M/S Bharuch Enviro Infrastructure Ltd
Plot No 117 GIDC,
Ankleshwar 393002.

Dear Sir,

Re: - Sanction of various credit facility.

We refer to your request for Review with increase/sanction of Various credit facility of Rs.31.31 Crore as per detail given in table given hereunder and are pleased to inform that Bank have considered your request favourably and Reviewed with increase/sanction of various credit facility for a period of 12 months on 27.04.2011 (subject to annual review) per terms and conditions and securities in the enclosed ANNEXURE-D (page 1-8).

Review with increase/sanction the following facilities:- (₹ In Crores)

Sn	Nature of facilities	Existing	Proposed
1	Working Capital	0.34	0.00
2	Term Loan-I Capital Expenditure	3.50	3.17
3	Term Loan-II Capital Expenditure	0.00	9.00
4	Demand Loan Against Govt Subsidy	0.00	14.14
	Total Fund Based	3.84	26.31
	Non Fund Based		
5	Bank Guarantee (perf/financial)	5.00	5.00
	Total Non Fund Based	5.00	5.00
	Total Exposure	8.84	31.31

Though above mentioned facilities are sanctioned for a period of 12 months [illegible] the right to recall the facilities or alter the terms and conditions at any time during currency of the facilities.

The Bank reserve the right to discontinue the facilities and to withhold/ stop disbursement without giving notice in case of non-compliance/ breach of any of the terms and conditions stipulated herein and from time to time as also in the relevant documents or if information/particulars furnished to us are found to be incorrect or in case of any development or situation wherein in the opinion of the bank it's interest will be likely to be prejudicially affected by such continuation or disbursement.

If the above conditions are acceptable, please arrange to return one copy of this letter duly signed by the Firm and its Partners, Guarantors bearers on all pages for having accepted the terms and conditions as contained in the Annexure-D (page 1-8). On hearing from you we shall revert for documentation and other formalities.

Due date of review: 27.04.2012

Yours Faithfully,

(V.V. Rao)
Chief Manager

इन्ड. एस्टेट शाखा, प्लोट नं. 67, जी.आई.डी.सी. अंकलेश्वर - 393 002. जि. भरुच. भारत. फो. : 91 02646 - 222202 (D), 225322, 250163
Ind. Estate Branch, Plot No. 67, G.I.D.C., Ankleshwar - 393 002. Dist. Bharuch. India. T.: 91 02646 - 222202 (D), 225322, 250163 (F)

		4) At each stage of disbursement, pre-disbursement inspection to be carried out any end use of the Bank's fund to be ensured. 5) The borrower is to submit all bills, invoices & receipts and keep on record. 6) The borrower is to ensure that the entire project implemented time as scheduled. In case of time over run or cost over run, the matter is to be appraised to the sanctioned authority in time with remedial measures.

3) Nature of Facility	:	**Demand Loan (Against Government Subsidy)-**
Limit	:	Existing Rs.0.00 crores Proposed Rs.14.14 crore
Purpose	:	To fill-up the Gap of Subsidy (equity) to be receivable from the Govt. For Civil Construction and Purchase of Plant & Machinery and Other Capital Expenditure
Margin	:	NA
Rate of Interest	:	2.00% over Base Rate, i.e. 11.50% p.a. with monthly rests (concession of 3.50% – applicable rate 5.50% over Base Rate).
Processing charges	:	One time unified charges of 0.75% plus service tax to be recovered on sanction of the credit facility.
Period	:	24 Months
Repayment Schedule	:	Repayable within two years from subsidy receivable from Govt. Door to door tenor is 24Months.
Security / Documents	:	1) D. P. Note executed by Company, under common seal supported by requisite Board Resolution. (LDOC 4) 2) Exclusive 1st charge on Immovable and Movable assets of the company 3) Letter of Instalment with acceleration clause. (LDOC 17) 4) Composite undertaking. (LDOC 134, 136 & 136A)

4) Nature of Facility	:	**Performance/ Financial Inland Bank Guarantee**
Limit	:	Existing Rs.5.00 Crore Proposed Rs. 5.00 Crore
Purpose		For issuing guarantee in favour of various organization of Performance Guarantee, Advance payment Guarantee, Guarantee lieu of earnest money, Guarantee to Government Departments etc
Margin	:	25 % cash in the form of SDR/FDR - Financial Bank Guarantee disputed nature to be secured by 100% cash margin.
Commission	:	Inland BG: Performance: 0.20% plus Service Tax per months and thereafter completed months & part thereof, Financial: 0.25% plus Service Tax per months and thereafter completed months & part thereof, Foreign BG: As per Bank's guidelines from time to time. The commission is to be recovered upfront for the entire validity period of BG, including claim period, if any.
Processing charges		Processing charges of 0.10% plus service tax to be recovered on sanction of the credit facility.
Period	:	12 months Period of guarantee should not exceed 60 months excluding Notice period.
Other Condition		The said facility to be secured by extension of charge on assets already charged to the bank.
Security	:	1) Counter Indemnity of the company.

Proviso	Guarantees issued shall be specific & unequivocal as regards: a) Amount b) Period c) Beneficiary and d) Purpose. The following type of guarantees shall not be issued: a) Guarantees having unlimited validity / maturity of more than years, except in favour of courts backed by 100% margin. b) Guarantees in respect of deposits / loans received from person/Bank/NBFC, in lieu of their risk appraisal. 3. The Bank Guarantee issued by the Branch shall not contain onerous clause or liability for payment of interest. The liability of Bank should be clearly determined in terms of amount and time. deemed necessary, the guarantee format will be verified from Legal officer at Regional Office. 4. In case of invoked BG, no further guarantee is to be issued witho permission from Regional office.

Collateral securities: All the above credit facilities to be secured by first and exclusive charge on immovable and movable assets of the company situated at Plot No 9701 to 9716, 9801 to 9828, 9901 to 9906, 9923 to 9928 (admeasuring 69840 sq mtrs) 7905/E TO 7905/F, 7924 TO 7927, 9407 TO 9412, 9501 TO 9506+G/6, TO 9601 TO 9604, G7+10001 TO 10003 GIDC, Ankleshwar including plant and machineries.

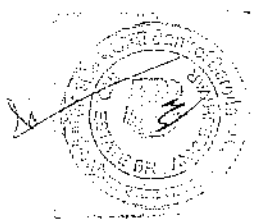
Composite Hypothecation Agreement executed by the company hypothecating all the current assets including movables machineries the credit limits availed by the company..

Terms & Conditions to be complied with before disbursement of the fresh/ increased facilities:

1. The Company, its directors are to accept all terms & conditions of the sanction i.e. unconditional acceptance.
2. The company is to pay all stipulated charges viz. Up-front fees, [illegible] charges, Processing charges, Documentation charges, etc.
3. The Company is to submit Board Resolution for availing of fresh/increased credit facilities and execution of security documents for the sanctioned credit facilities (LDOC-75)
4. The company is to submit Title Clearance Certificates from Bank's approved advocate in respect of immovable properties mentioned at Sr. No. 1 under the head 'Common Security'. The company is to ensure that the titles of the said properties are clear, marketable and unencumbered.
5. The company is to execute all security documents including creation/extension of Equitable Mortgage. The executed documents are to be got vetted from Region Legal Department Surat. Discrepancies, if any, are to be rectified.
6. All disbursement conditions specifically stipulated under the [illegible] fresh/increased credit facilities are to be meticulously complied with.

OTHER GENERAL TERMS AND CONDITIONS:

1. All stipulated charges over the assets of borrower/guarantor companies are to be registered with the Registrar of the Companies (ROC) within 30 days from the date of its creation. The Branch is to obtain search report from ROC and to ensure that all our stipulated charges are duly registered.
2. The company is to create/extend Equitable Mortgages of the stipulated immovable properties.

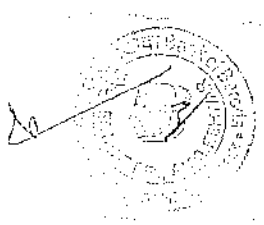


3. After creation / extension of Equitable Mortgages, the mortgaged documents are also to be got vetted from the Regional Legal Department. Discrepancies, if any, are to be rectified.
4. The sanctioned / increased credit facilities will be disbursed only after execution of stipulated security documents and compliance of various terms & conditions of the sanction to the Bank's satisfaction.
5. The Company and its directors are to undertake that during the currency of our advance, they **will**:
   - Deal exclusively with us, route all their transactions through their Cash Credit account, will not open any Current Account with other Bank/s without permission of the Bank in writing and close the Current Account/s maintained with other bank/s & furnish account closure certificate/s to the Branch.
   - Retain entire of Net Profit after Tax, as estimated/projected.
   - Bring additional long term funds to meet with the cost over run/time over run, if any.
   - Bring additional long term funds to meet with the repayment obligations of the Bank in time, if there is negative cash profit or positive cash profit is not adequate to service repayment obligations of the Bank.
   - Bring additional long term funds to meet with estimated/projected Net Working Capital, in case estimated/projected net profit is not achieved.
   - Improve and Maintain Current Ratio at minimum level of 1.33 as estimated/ projected.
   - Improve and Maintain Debt Equity Ratio (TOL/TNW) at maximum level of 2.00, as estimated/projected.

     Non-compliance of any abovementioned financial convent will attract penal interest @1.00% p.a. for the period of default. (10% variance in each parameter will be permitted)
6. The Company and its directors are to undertake that during the currency of our advance, they **will not**, without the permission of the Bank in writing,
   - Implement any scheme of Expansion / Modernization / Diversification, which are approved by our Bank.
   - Formulate any scheme of Merger / Acquisition / Amalgamation / Reconstitution.
   - Any Change in the management set-up / capital structure of the Company.
   - Enter in to borrowing either secured or unsecured with any other Bank / Financial institution / Corporate body.
   - Invest / deposit / lend funds to group firm & companies / directors / family members / other corporate bodies / firms / persons.
   - Create any further charge, lien or encumbrances over the assets charged to the Bank in favour of any other Bank, Financial institution, NBFC, firm, company or person or otherwise dispose off any of the fixed assets.
   - Undertake guarantee obligation on behalf of any other firm(s), Group(s) / Companies.
   - Pay commission / brokerage / fees etc to Guarantor / or any other person for guaranteeing the facilities sanctioned to the Company.
   - Declare dividends for any year, except out of the profits related to that year, after paying all due and making provisions as required for that year, provided there is no default in repayment obligation by the Company.
   - Allow the level of net working Capital to come down from the estimated / projected level.
7. The Company is to obtain Pollution Control Certificate from Gujarat Pollution Control Board (GPCB) and submit copy of the same to the Branch.

8. The Borrower is to pay up-front fee, processing charges, TEV study waiver charges, documentation charges, commitment charges, ECGC premium and inspection charges as applicable at the sanctioned rate or rates prescribed by the Bank from time to time.
9. The proper books of accounts, stock register and records of machineries are to be maintained as per the Bank's requirements and to be made available to the Bank officials / representative during inspection.
10. The securities charged to the Bank are to be inspected on bi-monthly / quarterly / half yearly intervals, as per Bank's guidelines. Inspection charges for periodical verification of stocks / machinery / securities are to be borne by the Company.
11. The Bank will have the right to examine the books of accounts and carry out inspection or valuation of assets of the Company, which are charged to the Bank, from time to time by Bank's official / technical experts / external agencies / C.A. firms / management consultants and / or valuers. The inspection / valuation charges so incurred will be borne by the Company.
12. Bank's nameplate for lien will be displayed prominently at the place of each unit, office, on hypothecated machineries and also at the place of storage of hypothecated goods.
13. All money advanced or to be advanced by the Bank will be utilized exclusively for the purpose set forth in application / project report submitted to the Bank. In case the advance is utilized or attempted to be utilized for any other purpose or if the Bank apprehends or has reasons to believe that the said loan is being utilized for any other purpose, the Bank shall have the right to recall the entire or any part of the loan / advance forthwith without assigning any reason there of.
14. The Company is to obtain comprehensive insurance policy covering insurance of various factory buildings, plant & machineries, electric installations, furniture & fixtures, vehicles, computers, equipments, stock of raw materials, work in progress, finished goods, residential bungalow, etc charged to the Bank incorporating 'Bank clause'. Insurance policy should cover stocks lying at different places and should cover all risks including earthquake. The Company to cover the same as far as possible under BANCASSURANCE Scheme. insurance policy to be submitted to the Bank.
15. Valuation Reports in respect of the Factory Land & Building, other immovables charged to the Bank and Machineries should be obtained from the Bank's approved Architect Engineer / Valuer once in every -3- years as per Bank's norms, the fees for which are to be borne by the Company. The Company is to submit list of machineries and other movable fixed assets once in a year to the Branch.
16. The Company is to obtain and continue to obtain / renew various licenses / permissions / sanctions etc from various Government Department from time to time and copy of the same should be given to the Bank.
17. The facilities are sanctioned for a period of -12- months. The renewal of the same will be subject to satisfactory conduct and performance for which the renewal papers i.e. latest audited / provisional financials, CMA, Income-tax returns, etc. should be submitted before -3- months of the due-date of the review or -6- months from the date of close of financial year of the Company, whichever is earlier, failing which penal interest will be charged as per Bank's guidelines.
18. The company is to submit audited financials of the Company at the earliest (irrespective of due date of reviewal of facilities).

19. In case of any default in the repayment of the loan or interest, the Bank and / or RBI will have an unqualified right to disclose or publish the name of the Company / directors / guarantors as defaulter in such manner and in such medium as the Bank or the RBI in their absolute discretion may think fit.
20. The Company and the Directors / Guarantors will submit a declaration that none of them is related to any director of our Bank / any other Banking Company or to any staff of our Bank.
21. The Company would keep the Bank informed of the happening of the event that is likely to have substantial effect on the profit / business or circumstance adversely affecting its financial position.
22. The Company will use our e-banking facilities for its entire financial requirements.
23. Penal interest will be charged, @ 1.00% - 2.00% p.a., as per Bank's norms, for the following irregularities:
    - Non / Delayed payment of instalment and / or interest and / or excess over the limit.
    - Non / Delayed submission of provisional / audited financials, CMA, I. T. returns, etc for reviewal of the facilities.
    - Non / Delayed payment of invoked guarantee / devolved L/C.
    - In the event of any breach / non-compliance of any major terms and condition of the sanction (at the discretion of the Bank)
    - Non compliance of any financial convent undertaken by the Company.
24. The company is to ensure that all the terms and conditions of the sanction are complied with in letter & spirit .
25. The advance made available under the above mentioned facilities are repayable on demand and the terms & conditions of these facilities granted, at the discretion of the Bank, are subject to change from time to time without any prior notice. The Bank reserves the right to withdraw, modify or amend the terms & conditions of advance and Bank would not bound to disburse full amount of advance in the event of any failure on the part of the Company in satisfying any of the stipulated terms & conditions.
26. The Bank reserves the right to discontinue the credit facilities / advance / loan and/or to withhold / stop any disbursement/s without assigning any reasons / giving any notice, in case of non-compliance / breach of any of the terms & conditions stipulated therein and from time to time as also in the relevant document or any information / particulars furnished to us found to have incorrect or in case or any development or situations wherein, in the opinion of the Bank, its interest will be/is likely to be prejudicially affected by such continuation of disbursement.
27. The rate of interest, margin and other charges will be subject to change as per RBI's directive / Bank's Policy from time to time.
28. The stipulated rate of interest is subject to internal credit rating (CRISIL RAM Module at present) prepared by the Branch and to be vetted by the sanctioning authority. The rate of interest is subject to change from time to time based on audited financials as on 31st March of each year, which is to be submitted before 31st October of each year for carrying out credit rating and deciding rate of interest to be charged in the account for the next year effective from 1st October for the respective year (irrespective of due date of reviewal of facilities). In case of any delay in submission of audited financials, Bank reserves the right to charge rate of interest with maximum spread along with penal interest for delay in submission of B/s.



29. Company to undertake that in case of delay or non receipt of subsidy from the Government, they will pay the demand loan on its due date from their own sources.
30. The sanction is valid for 4 months from the date of sanction.



Annexure : 8(c)

SURTI & TALATI
CHARTERED ACCOUNTANTS
(FORMERLY K. S. SURTI & CO.)

CERTIFICATE

We have verified the relevant records and project report as shown to us by **Bharuch Enviro Infrastructure Ltd.** having registered office at Plot No. 9701, G.I.D.C. Ankleshwar, Dist. Bharuch, Gujarat and based on that we hereby certify that the projected source of fund towards expenditure proposed to be incurred to complete the expansion of existing landfill and 2nd Common Incinerator plant at GIDC, Ankleshwar was as under:

Sr. No.	Particulars	Amount (Rs. in Lacs)
1.	Own Fund (Internal Accruals)	1,136.25
2.	Subsidy (State and Central Government)	2,272.50
3.	Bank Loan	1,136.25
	Total Projected Sources of Fund	4,545.00

This certificate is issued at the request of the company to submit the same with Ministry of Environment and Forests (MOEF), Regional office, Bhopal.

For, Surti & Talati
Chartered Accountants
FRN – 114924W

(CA. Arpan. K. Surti)
Partner
Membership No. 125730
Ankleshwar dated 18th December 2014

B/F - 1 & 2, Sardar Patel Complex, GIDC, Ankleshwar - 393 002
Phone : +91 2646 250292 | Email : ankoffice@surtitalati.com
CA Kishore Surti : +91 9824137431 | E-mail : kishore@surtitalati.com
CA [illegible] : +91 9727665[illegible] | E-mail : [illegible]

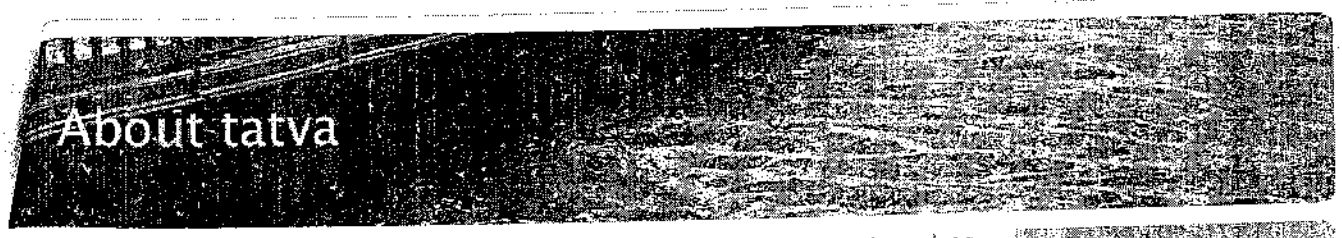
Branch Offices :
(1) 202, Harmony Complex, 28, Nutan Bharat Soc. Akshar Marg, Vadodara-390 007.
(2) [illegible] Road, Delhi-[illegible]

Annexure-9

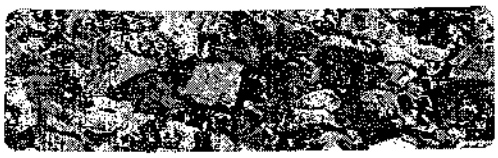
tatva
Fostering nature in its elements

Employee Login

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Tatva is one of India's largest and most diversified provider of waste management services, committed to the growing challenge of protecting the environment. Tatva provides environmental management solutions for cities, townships, municipalities, industrial estates, commercial, industrial and residential customers across the country







Deploying cutting-edge technology to meet today's ever increasing environmental concerns, Tatva's range of services includes collection, treatment, recycling & disposal of regular and hazardous solid waste; handling, recycling & disposal of waste water; sewage treatment; planning & management of water supply to homes & industries as well as the production of valuable energy from waste.

Tatva's major operations are conducted by a number of subsidiary companies spread across India. The various projects and initiatives pursued by Tatva and its group companies have helped to reduce environmental pollution in many parts of the country considerably.

Managed by a group of highly qualified business professionals and technocrats, Tatva is a pioneer in the Indian waste management space with many 'firsts' to its credit and aims to be a leading global environmental services Company in the years to come.

Tatva Logo

See the thought behind our logo.

know more

Group Companies

Learn more about Tatva's subsidiary companies that handle a variety of operations & oversee several key projects.

Know more

Milestones

Our story unfolds in laurels like the Gujarat Gas Safety Award ... recognition by Bengal Chamber ... Council

Know more

Environmental Compliance

Compliance to Condition of Environmental Clearance (January 2014 to June – 2014)

C. C. & A Order No.AWH-50809 date of issued date 29.10.2012 & Valid upto 31.07.2017

Our Identity > About us

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ANALYTICAL RESEARCH LABORATORY
BEIL INFRASTRUCTURE LIMITED
(Formerly Known as Bharuch Enviro Infrastructure Ltd.)

TEST REPORT

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	Gas Vent Sample		
Sample Quantity:	01	Sampling Date:	16-Jul-2024
Sampling Location:	Landfill Site Phase-2	Sample Received Date:	16-Jul-2024
Sample Collected By:	VOC Meter, Dragan Pump	Sampling Procedure:	By Instrument Method
Packing Details:	Not Applicable	Analysis Start Date:	16-Jul-2024
Fuel:	Not Applicable	Analysis Completion Date:	26-Sep-2024

Phase - II Monitoring of Gas Vent Provided in SLF

Sr. No.	Location	VOC Results in ppm			H_2S Results in ppm		
		16-Jul-2024	20-Aug-24	26-Sep-2024	16-Jul-2024	20-Aug-24	26-Sep-2024
1	VENT -01	BDL	BDL	BDL	BDL	BDL	BDL
2	VENT -02	BDL	BDL	BDL	BDL	BDL	BDL
3	VENT -03	BDL	BDL	BDL	BDL	BDL	BDL
4	VENT -04	BDL	BDL	BDL	BDL	BDL	BDL
5	VENT -05	BDL	BDL	BDL	BDL	BDL	BDL
6	VENT -06	0.3	BDL	BDL	BDL	BDL	BDL
7	VENT -07	BDL	BDL	BDL	BDL	BDL	BDL
8	VENT -08	BDL	BDL	BDL	BDL	BDL	BDL
9	VENT -09	BDL	BDL	BDL	BDL	BDL	BDL
10	VENT -10	BDL	0.3	BDL	BDL	BDL	BDL
11	VENT -11	BDL	BDL	BDL	BDL	BDL	BDL
12	VENT -12	BDL	BDL	BDL	BDL	BDL	BDL
13	VENT -13	BDL	BDL	BDL	BDL	BDL	BDL
14	VENT -14	BDL	0.2	BDL	BDL	BDL	BDL
15	VENT -15	BDL	BDL	BDL	BDL	BDL	BDL
16	VENT -16	BDL	BDL	BDL	BDL	BDL	BDL
17	VENT -17	BDL	BDL	BDL	BDL	BDL	BDL
18	VENT -18	BDL	BDL	BDL	BDL	BDL	BDL
19	VENT -19	BDL	BDL	BDL	BDL	BDL	BDL
20	VENT -20	BDL	BDL	BDL	BDL	BDL	BDL
21	VENT -21	BDL	BDL	BDL	BDL	BDL	BDL
22	VENT -22	BDL	BDL	0.4	BDL	BDL	BDL
23	VENT -23	BDL	BDL	BDL	BDL	BDL	BDL
24	VENT -24	BDL	BDL	BDL	BDL	BDL	BDL
25	VENT -25	0.5	BDL	BDL	BDL	BDL	BDL
26	VENT -26	BDL	BDL	BDL	BDL	BDL	BDL
27	VENT -27	BDL	BDL	BDL	BDL	BDL	BDL
28	VENT -28	BDL	BDL	BDL	BDL	BDL	BDL

TEST REPORT

29	VENT -29	BDL	BDL	BDL	BDL	BDL	BDL
30	VENT -30	BDL	BDL	BDL	BDL	BDL	BDL
31	VENT -31	BDL	BDL	0.3	BDL	BDL	BDL
32	VENT -32	BDL	BDL	BDL	BDL	BDL	BDL
33	VENT -33	BDL	BDL	BDL	BDL	BDL	BDL
34	VENT -34	BDL	BDL	BDL	BDL	BDL	BDL
35	VENT -35	BDL	BDL	BDL	BDL	BDL	BDL
36	VENT -36	BDL	BDL	BDL	BDL	BDL	BDL
37	VENT -37	BDL	0.4	BDL	BDL	BDL	BDL
38	VENT -38	BDL	BDL	BDL	BDL	BDL	BDL
39	VENT -39	BDL	BDL	BDL	BDL	BDL	BDL
40	VENT -40	0.2	BDL	BDL	BDL	BDL	BDL
41	VENT -41	BDL	BDL	BDL	BDL	BDL	BDL
42	VENT -42	BDL	BDL	BDL	BDL	BDL	BDL
43	VENT -43	BDL	BDL	BDL	BDL	BDL	BDL
44	VENT -44	BDL	0.4	BDL	BDL	BDL	BDL
45	VENT -45	BDL	BDL	BDL	BDL	BDL	BDL
46	VENT -46	BDL	BDL	BDL	BDL	BDL	BDL
47	VENT -47	BDL	BDL	0.3	BDL	BDL	BDL
48	VENT -48	BDL	BDL	BDL	BDL	BDL	BDL
49	VENT -49	BDL	BDL	BDL	BDL	BDL	BDL

Remarks: Report is an Quarterly Basis.

.....END OF REPORT .....

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY
MR. NARENDRA B PATEL
(TECHNICAL MANAGER)

ANALYTICAL RESEARCH LABORATORY
BEIL INFRASTRUCTURE LIMITED
(Formerly Known as Bharuch Enviro Infrastructure Ltd.)

TEST REPORT

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	Gas Vent Sample		
Sample Quantity:	01	Sampling Date:	16-Jul-2024
Sampling Location:	Landfill Site Phase-3	Sample Received Date:	16-Jul-2024
Sample Collected By:	VOC Meter, Dragan Pump	Sampling Procedure:	By Instrument Method
Packing Details:	Not Applicable	Analysis Start Date:	16-Jul-2024
Fuel:	Not Applicable	Analysis Completion Date:	26-Sep-2024

Phase - III Monitoring of Gas Vent Provided in SLF

Sr. No.	Location	VOC			H_2S		
		Results in ppm			Results in ppm		
		16-Jul-2024	20-Aug-24	26-Sep-2024	16-Jul-2024	20-Aug-24	26-Sep-2024
1	VENT -01	BDL	BDL	0.3	BDL	BDL	BDL
2	VENT -02	BDL	BDL	BDL	BDL	BDL	BDL
3	VENT -03	BDL	BDL	BDL	BDL	BDL	BDL
4	VENT -04	0.4	BDL	BDL	BDL	BDL	BDL
5	VENT -05	BDL	BDL	BDL	BDL	BDL	BDL
6	VENT -06	BDL	BDL	BDL	BDL	BDL	BDL
7	VENT -07	BDL	BDL	BDL	BDL	BDL	BDL

Remarks: Report is an Quarterly Basis.

.....END OF REPORT .....

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY
MR. NARENDRA B PATEL
(TECHNICAL MANAGER)

ANALYTICAL RESEARCH LABORATORY
BEIL INFRASTRUCTURE LIMITED
(Formerly Known as Bharuch Enviro Infrastructure Ltd.)

TEST REPORT

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	Gas Vent Sample		
Sample Quantity:	01	Sampling Date:	16-Jul-2024
Sampling Location:	Landfill Site Phase-4	Sample Received Date:	16-Jul-2024
Sample Collected By:	VOC Meter, Dragan Pump	Sampling Procedure:	By Instrument Method
Packing Details:	Not Applicable	Analysis Start Date:	16-Jul-2024
Fuel:	Not Applicable	Analysis Completion Date:	26-Sep-2024

Phase – IV Monitoring of Gas Vent Provided in SLF

Sr. No.	Location	VOC Results in ppm			H_2S Results in ppm		
		16-Jul-2024	20-Aug-24	26-Sep-2024	16-Jul-2024	20-Aug-24	26-Sep-2024
1	VENT -01	BDL	BDL	BDL	BDL	BDL	BDL
2	VENT -02	BDL	BDL	BDL	BDL	BDL	BDL
3	VENT -03	BDL	BDL	BDL	BDL	BDL	BDL
4	VENT -04	0.4	BDL	BDL	BDL	BDL	BDL
5	VENT -05	BDL	BDL	BDL	BDL	BDL	BDL
6	VENT -06	BDL	BDL	BDL	BDL	BDL	BDL
7	VENT -07	BDL	BDL	0.4	BDL	BDL	BDL
8	VENT -08	BDL	BDL	BDL	BDL	BDL	BDL

Remarks: Report is an Quarterly Basis.

.....END OF REPORT.....

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY
MR. NARENDRA B PATEL
(TECHNICAL MANAGER)

ANALYTICAL RESEARCH LABORATORY
BEIL INFRASTRUCTURE LIMITED
(Formerly Known as Bharuch Enviro Infrastructure Ltd.)

TEST REPORT

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	Gas Vent Sample		
Sample Quantity:	01	Sampling Date:	18-Apr-2024
Sampling Location:	Landfill Site Phase-2	Sample Received Date:	18-Apr-2024
Sample Collected By:	VOC Meter, Dragan Pump	Sampling Procedure:	By Instrument Method
Packing Details:	Not Applicable	Analysis Start Date:	18-Apr-2024
Fuel:	Not Applicable	Analysis Completion Date:	14-June-2024

Phase - II Monitoring of Gas Vent Provided in SLF

Sr. No.	Location	VOC Results in ppm			H_2S Results in ppm		
		18-Apr-24	21-May-24	14-June-24	18-Apr-24	21-May-24	14-June-24
1	VENT -01	BDL	BDL	BDL	BDL	BDL	BDL
2	VENT -02	BDL	BDL	BDL	BDL	BDL	BDL
3	VENT -03	BDL	BDL	BDL	BDL	BDL	BDL
4	VENT -04	BDL	BDL	BDL	BDL	BDL	BDL
5	VENT -05	BDL	BDL	BDL	BDL	BDL	BDL
6	VENT -06	BDL	BDL	BDL	BDL	BDL	BDL
7	VENT -07	BDL	BDL	0.2	BDL	BDL	BDL
8	VENT -08	BDL	BDL	BDL	BDL	BDL	BDL
9	VENT -09	BDL	BDL	BDL	BDL	BDL	BDL
10	VENT -10	BDL	0.3	BDL	BDL	BDL	BDL
11	VENT -11	BDL	BDL	BDL	BDL	BDL	BDL
12	VENT -12	BDL	BDL	BDL	BDL	BDL	BDL
13	VENT -13	BDL	BDL	BDL	BDL	BDL	BDL
14	VENT -14	BDL	0.2	BDL	BDL	BDL	BDL
15	VENT -15	BDL	BDL	BDL	BDL	BDL	BDL
16	VENT -16	BDL	BDL	BDL	BDL	BDL	BDL
17	VENT -17	BDL	BDL	BDL	BDL	BDL	BDL
18	VENT -18	BDL	BDL	BDL	BDL	BDL	BDL
19	VENT -19	BDL	BDL	BDL	BDL	BDL	BDL
20	VENT -20	BDL	BDL	BDL	BDL	BDL	BDL
21	VENT -21	BDL	BDL	BDL	BDL	BDL	BDL
22	VENT -22	BDL	BDL	0.4	BDL	BDL	BDL
23	VENT -23	BDL	BDL	BDL	BDL	BDL	BDL
24	VENT -24	NDL	BDL	BDL	BDL	BDL	BDL
25	VENT -25	BDL	BDL	BDL	BDL	BDL	BDL
26	VENT -26	BDL	BDL	BDL	BDL	BDL	BDL
27	VENT -27	BDL	BDL	BDL	BDL	BDL	BDL
28	VENT -28	BDL	BDL	BDL	BDL	BDL	BDL
29	VENT -29	BDL	BDL	BDL	BDL	BDL	BDL

29	VENT -29	BDL	BDL	BDL	BDL	BDL	BDL
30	VENT -30	BDL	BDL	BDL	BDL	BDL	BDL
31	VENT -31	BDL	BDL	0.3	BDL	BDL	BDL
32	VENT -32	BDL	BDL	BDL	BDL	BDL	BDL
33	VENT -33	BDL	BDL	BDL	BDL	BDL	BDL
34	VENT -34	BDL	BDL	BDL	BDL	BDL	BDL
35	VENT -35	BDL	BDL	BDL	BDL	BDL	BDL
36	VENT -36	BDL	BDL	BDL	BDL	BDL	BDL
37	VENT -37	BDL	BDL	BDL	BDL	BDL	BDL
38	VENT -38	BDL	BDL	BDL	BDL	BDL	BDL
39	VENT -39	BDL	BDL	BDL	BDL	BDL	BDL
40	VENT -40	BDL	BDL	BDL	BDL	BDL	BDL
41	VENT -41	BDL	BDL	BDL	BDL	BDL	BDL
42	VENT -42	BDL	BDL	BDL	BDL	BDL	BDL
43	VENT -43	BDL	BDL	BDL	BDL	BDL	BDL
44	VENT -44	BDL	0.4	BDL	BDL	BDL	BDL
45	VENT -45	BDL	BDL	BDL	BDL	BDL	BDL
46	VENT -46	BDL	BDL	BDL	BDL	BDL	BDL
47	VENT -47	BDL	BDL	0.3	BDL	BDL	BDL
48	VENT -48	BDL	BDL	BDL	BDL	BDL	BDL
49	VENT -49	BDL	BDL	BDL	BDL	BDL	BDL

Remarks: Report is an Quarterly Basis.

.....END OF REPORT .....

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)

ANALYTICAL RESEARCH LABORATORY

BEIL INFRASTRUCTURE LIMITED

(Formerly Known as Bharuch Enviro Infrastructure Ltd.)

TEST REPORT

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	Gas Vent Sample		
Sample Quantity:	01	Sampling Date:	18-Apr-2024
Sampling Location:	Landfill Site Phase-3	Sample Received Date:	18-Apr-2024
Sample Collected By:	VOC Meter, Dragan Pump	Sampling Procedure:	By Instrument Method
Packing Details:	Not Applicable	Analysis Start Date:	18-Apr-2024
Fuel:	Not Applicable	Analysis Completion Date:	14-June-2024

Phase - III Monitoring of Gas Vent Provided in SLF

Sr. No.	Location	VOC Results in ppm			H_2S Results in ppm		
		18-Apr-24	21-May-24	14-June-24	18-Apr-24	21-May-24	14-June-24
1	VENT -01	BDL	BDL	BDL	BDL	BDL	BDL
2	VENT -02	BDL	BDL	BDL	BDL	BDL	BDL
3	VENT -03	BDL	BDL	BDL	BDL	BDL	BDL
4	VENT -04	BDL	BDL	BDL	BDL	BDL	BDL
5	VENT -05	BDL	BDL	BDL	BDL	BDL	BDL
6	VENT -06	0.4	BDL	0.4	BDL	BDL	BDL
7	VENT -07	BDL	BDL	BDL	BDL	BDL	BDL

Remarks: Report is an Quarterly Basis.

.....END OF REPORT .....

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)

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(Formerly Known as Bharuch Enviro Infrastructure Ltd.)

TEST REPORT

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	Gas Vent Sample		
Sample Quantity:	01	Sampling Date:	18-Apr-2024
Sampling Location:	Landfill Site Phase-4	Sample Received Date:	18-Apr-2024
Sample Collected By:	VOC Meter, Dragan Pump	Sampling Procedure:	By Instrument Method
Packing Details:	Not Applicable	Analysis Start Date:	18-Apr-2024
Fuel:	Not Applicable	Analysis Completion Date:	14-June-2024

Phase – IV Monitoring of Gas Vent Provided in SLF

Sr. No.	Location	VOC Results in ppm			H_2S Results in ppm		
		18-Apr-24	21-May-24	14-June-24	18-Apr-24	21-May-24	14-June-24
1	VENT -01	BDL	BDL	BDL	BDL	BDL	BDL
2	VENT -02	0.3	BDL	BDL	BDL	BDL	BDL
3	VENT -03	BDL	0.2	BDL	BDL	BDL	BDL
4	VENT -04	BDL	BDL	BDL	BDL	BDL	BDL
5	VENT -05	BDL	BDL	BDL	BDL	BDL	BDL
6	VENT -06	BDL	BDL	BDL	BDL	BDL	BDL
7	VENT -07	0.2	0.3	BDL	BDL	BDL	BDL
8	VENT -08	BDL	BDL	BDL	BDL	BDL	BDL

Remarks: Report is an Quarterly Basis.

.....END OF REPORT.....

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)

BHARUCH ENVIRO INFRASTRUCTURE LIMITED

To,
Member Secretary,
Gujarat Pollution Control Board
Paryavaran Bhavan,
Sector-10, Gandhinagar.

Date: 9.01.2016

Subject: EC for Common Hazardous Waste Secured Landfill Phase-III vide letter F.No.10-10/2014-IA.III dated 31/12/2015.

Dear Sir,

BEIL is operating a Common facility consisting of secured land filling and Incinerator system and located at plot No # 9701-9716 , 9801-9828, 9901-9928, 9601-9604,10001-10008 , G-7 & 8 , 7924 -7927 , 9401 – 9412 , 9501 – 9506 , 7905 E To H , GIDC estate, Ankleshwar-393002, Dist. Bharuch, Gujarat.

We have received **Environmental Clearance** vide letter **F.No.10-10/2014-IA.III** dated **31/12/2015** form Ministry of Environment Forest and climate Change for the Common Hazardous waste Secured Landfill.

With Respect to General Condition no. vii of the said Environmental clearance letter, we request you to display this copy at your website www.gpcb.gov.in, for 30 days.

The Copy of the same is attached herewith for your kind Information and records.

Thanking You,
For, Bharuch Enviro Infrastructure Ltd

B.D. Dalwadi
Chief Executive Officer

Copy to:

1. Mr. K.C. Mistry, Sr. Environment Scientist
   Gujarat Pollution Control Board
   Paryavaran Bhavan,
   Sector-10, Gandhinagar.

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 : panjwania@uniphos.com
Regd. Office : Plot No. 117-118, GIDC Estate, Ankleshwar 393 002,Dist.: Bharuch. (Gujarat)

Annexure-21

CJI studies efficiency of judges

Case Disposal Rate: Justice Dave Most Efficient

Dhananjay.Mahapatra
@timesgroup.com

New Delhi: Chief Justice of India T S Thakur recently conducted a first-ever internal study to assess the individual contribution of 13 senior judges, heading two or three-judge benches in the Supreme Court, in reducing pendency of cases. The conclusion: five of the judges chipped away from pendency while the others added to it.

Tackling pendency was always seen as a collective task in the Supreme Court and individual efforts of judges were seldom focused upon.

But CJI Thakur, after taking over on December 2, asked the SC registry to determine how each of the 13 judges had performed in terms of disposal of cases in the past six months – from July to December 2015.

However, the index may not be an indicator of how the judges performed. One judge may have got cases involving complex questions of law or Constitutional issues, requiring hearings running into days and impeding the bench from disposing of a large number of cases, while others may have handled simpler cases allowing them to score higher.

The study had just three parameters: number of cases listed before the judge, number of cases in which notice was issued (meaning that many cases were introduced into the justice delivery system) and number of cases disposed.

The difference between the number of cases a judge introduced into the system by issuing notice and the number of cases disposed of showed his disposal rate. If the number is positive, the judge disposed of more cases than he entertained; if negative, the judge contributed to the pendency.

The list compiled by the registry took into account the disposal by the judges till 11.25am on December 12, 2015. From the list compiled, only five of the 13 judges chip away from pendency. They, in order of disposal ranking, are – Justices A R Dave, Ranjan Gogoi, CJI Thakur, Madan B Lokur and J S Khehar reduced pendency while the remaining eight contributed to it.

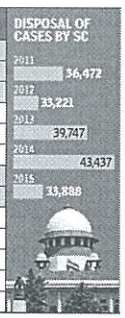
Justice Dipak Misra added the highest number of cases, followed by Justices P C Ghose, V Sen, Kurian Joseph, F M I Kalifulla, M Y Eqbal, V G Gowda and J Chelameswar. Justice Sen retired on December 30.

Disposal of cases since 2011 by the Supreme Court also saw wide fluctuations. In 2011, it was 36,472 cases; 33,221 in 2012; 39,747 in 2013; 43,437 in 2014 and 33,888 in 2015.

SCORECARD

Judge	Listed matters	Notice issued	Disposal	Difference
Justice T S Thakur	5,259	237	305	-68
Justice A R Dave	3,419	54	432	-368
Justice J S Khehar	3,907	240	266	-26
Justice Dipak Misra	5,109	747	255	492
Justice J Chelameswar	5,327	275	208	67
Justice F M I Kalifulla	2,709	304	197	107
Justice Ranjan Gogoi	3,952	393	555	-162
Justice Madan B Lokur	4,402	252	303	-51
Justice M Y Eqbal	3,523	370	286	84
Justice V G Gowda	967	129	51	78
Justice V Sen (retd)	2,452	302	156	146
Justice P C Ghose	2,356	335	127	208
Justice Kurian Joseph	2,517	225	85	140

DISPOSAL OF CASES BY SC



Animal origin indicators on cosmetics ?

Dipak.Dash@timesgroup.com

New Delhi: The consumer affairs department has called a meeting of all the stakeholders in the cosmetics, toothpastes and toiletries sector next week to understand their viewpoint on enforcing the "red or brown" and green dots indication on packed products specifying whether the product contains ingredients that are of animal origin.

Sources said that women and child welfare minister and animal welfare activist Maneka Gandhi has been pushing for such signs on every item so that the consumer is aware of what product he/ she is using. "She wants the labeling should be on cosmetics, toothpastes and toiletries. This will prevent vegetarians using any product with animal ingredient unknowingly," said a consumer affairs department official.

In June 2014, the department had come out with a notification making it compulsory for "every package containing soap, shampoo, toothpaste and other cosmetics and toiletries" to bear at the top of its principal display panel a red or a brown dot for products of non-vegetarian origin and a green dot for products of vegetarian origin.

But the Indian Beauty and Hygiene Association had challenged this notification in Bombay high court.

Incredible India: Big B may replace Aamir

TIMES NEWS NETWORK

New Delhi/Mumbai: Megastar Amitabh Bachchan, the brand ambassador of Gujarat Tourism, on Thursday emerged as the Centre's first choice to replace Aamir Khan as brand ambassador of Incredible India.

Others in the fray are actors Akshay Kumar, Deepika Padukone and Priyanka Chopra, sources said.

The search for a new brand icon began after the Union tourism ministry confirmed on Wednesday that it would not renew its contract with the advertising agency which had picked Aamir as the face of the campaign.

At the same time, sources close to Bachchan said that the government was yet to make a formal proposal to the 73-year-old actor.

The speculation regarding his acceptance of the new role might have been triggered by a tweet from an unverified Twitter account that said he (Bachchan) "was willing to be the face of Incredible India," the sources said.





Bachchan's promotion of Gujarat makes him the favourite to succeed Aamir

Bachchan's "non-controversial image", ministry insiders said, has loaded the search in his favour, adding that his promotion of tourism in Gujarat led to an "upsurge" in the state's popularity as a holiday destination.

Aamir's comment on "growing intolerance" in India had created a huge controversy and inviting criticism from BJP. "Whether I am brand ambassador or not, India will remain Incredible, Aamir for the job. Now the contract with the agency is over. The ministry had not hired Aamir. Since the contract with the agency is over, automatically the arrangement with the actor no longer exists."

Aamir responded saying he respected the government's decision to "discontinue" with his services while stating he never charged any money for the campaign. "It's the prerogative of the government to decide whether it needs a brand ambassador, and if so, who that ambassador should be," Aamir said.

HC relief for HP CM

New Delhi: Himachal Pradesh CM Virbhadra Singh on Thursday got relief from the Delhi HC after it cleared the decks for him to get copies of documents in the money laundering case. TNN

Jolt for Cong, BJP in Haridwar polls

Tapan Susheel & Kautilya Singh | TNN

Roorkee/Dehradun: In a big blow to the two major political parties in Uttarakhand, independent candidates have won the maximum number of seats in the recently concluded zila panchayat elections in Haridwar district, results of which were declared on Thursday. While Bahujan Samaj Party has won 16 of the 47 seats, ruling Congress has had to settle for a distant third position with 11 seats. But what has come as a shock is that BJP has won just three seats.

The BSP camp was jubilant. "It (our victory) is a befitting reply by the citizens of Haridwar district to Congress, which had tried to destroy us. We are sure we will constitute our own board this time also," said former MLA Mohammad Shahjaj.

In 2010, too, the BSP had formed its own board, with the support of independents. The board was dissolved by the state government in 2015 after a sum of Rs 1 crore was seized by the Uttar Pradesh police near Barelilly on September 15, 2015 from the official car of Anjum Begum, then chairperson of the zila panchayat board. She has been re-elected from Beldi Salhapur ward.

The BJP, which had won eight seats in the 2010 polls, said had the polls been conducted on the party symbol, things would have been different. "In that case, we would have registered a good victory," said BJP MLA (Haridwar) Madan Kaushik.

The party had hoped to repeat the 2014 Lok Sabha elections success when the BJP's Ramesh Pokhriyal had won from Haridwar constituency with a big margin of 1.77 lakh against Congress candidate and CM Harish Rawat's wife Rawat Renuka Rawat.

For the ruling Congress, whose members leaders had termed the Haridwar panchayat poll a "semi-final" before the 2017 assembly elections, the results have come as quite a jolt.

For the full report, log on to www.timesofindia.com

SP sweeps UP zila panchayat polls

Lucknow: The ruling Samajwadi Party swept the UP district panchayat chairmen's poll with a tally of 60 seats out of possible 74 after Thursday's voting. The party, which had won 36 out of 38 seats, which had been decided without contest, won 24 more after the voting, striking a blow to BJP, which lost in PM Narendra Modi's constituency Varanasi and state chief Laxmi Kant Bajpeyi's constituency Meerut. TNN

PUBLIC NOTICE
ENVIRONMENTAL CLEARANCE

It is hereby informed that the Ministry of Environment, Forest & climate Change (MoEF &CC), Indira Paryavaran Bhavan, Jor Bagh Road, New Delhi - 3 has accorded Environmental Clearance for Proposed Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) Phase-III Secured Landfill by **Bharuch Enviro Infrastructure Ltd. (BEIL)** at Plot no. 9701-9716, 9801-9828, 9901-9928, 9601-9604,10001-10008, G-7 & ,7924 -7927 , 9401 - 9412, 9501 - 9506, 7905 E To H, GIDC Industrial Estate, Ankleshwar, Dist. Bharuch-393 002, Gujarat vide letter No. F.No.10-10/ 2014-IA.III dated 31/12/2015, **under the provision of EIA Notification dated 14th September 2006.**

Copies of Clearance letter are available at GPCB and on website **www.envfor.nic.in.**

Date : 04/01/2016

B. D. DALWADI
(CHIEF EXECUTIVE OFFICER)

Central Electricity Regulatory Commission

First Floor, Chanderlok Building 36 Janpath, New Delhi-110001
www.cercind.gov.in

VACANCY CIRCULAR

'CERC' calls applications for Research Officers/Research Associates in the Legal Division of CERC on contract basis. Details are available on the CERC website, i.e., www.cercind.gov.in. Last date & time for receipt of applications is Friday, the **29th January, 2016 by 3.00 P.M.**

Assistant Chief (Admn.)

ORISSA STATE CO-OPERATIVE HANDICRAFTS CORPORATION LTD.

D-2/3, Industrial Estate, Rasulgarh, Bhubaneswar-751010 (Odisha)
Phone No. : 0674-2549161, Website : www.utkalika.co.in

CONTRACTUAL ENGAGEMENT OF PROFESSIONALS

Orissa State Co-operative Handicrafts Corporation Ltd. (Utkalika) an Apex Co-operative Organization under Handlooms, Textiles & Handicrafts Department, Govt. of Odisha wants to engage following professionals on contractual basis initially for a period of one year which can be further renewed for a maximum period of three years after assessing/evaluating the performances.

1. **Manager (Marketing)**
2. **Manager (Design)**
3. **Asst. Manager, Export & Online Marketing**

(Place of posting New Delhi)

Interested candidates within age group of 40 years & as specified in TOR may apply to the undersigned alongwith copy of the testimonials in support of their qualification & experience updated in CV & 2 nos passport size photograph so as to reach this office by 25.01.2016. Detailed TOR is available in our website - www.utkalika.co.in.

The undersigned reserves the right to accept/reject any or all applications without assigning any reason thereof.

Sd/-
Managing Director
Email : md@utkalika.co.in

INDUS UNIVERSITY

This is to inform all concerned, stakeholders and well-wishers that Indus University was recognized by a logo, a Registered Trade Mark, shown on left side in above image. Now, Indus University is adopting new logo shown on right side in above image which is also Registered since January 2016.

Changed Logo is the reflection of the commitment of the Management towards improved quality of education and strong resolve to raise the academic standards of university to greater heights.

Institute for Plasma Research

NEAR INDIRA BRIDGE, BHAT, GANDHINAGAR 382 428
GUJARAT STATE, INDIA.
Tel : 079-23962000 Fax : 079-23962277 Web : www.ipr.res.in

National Science Day Celebration
8 and 9th January, 2016

Institute for Plasma Research (IPR), Gandhinagar will be celebrating the National Science Day on 8 & 9th January 2016. As a part of the celebration, IPR Bhat campus will host a science exhibition and open house which will be open to all Indian nationals for visit from 10.00 am to 4.00 pm. To and fro **free shuttle bus service** will be provided from near the Chimanbhai Bridge, Opposite BRTS station at RTO Circle, Ahmedabad, every 60 minutes from 10:00 am to 03:00 pm and also from Pathikashram, Gandhinagar, every 2 hrs from 10:00 am to 02:00 pm both days. **(Photo Id-proof is compulsory for entry into IPR.)**

For more information please contact coordinator, NSD
Tel : 079-2396 2000 E-Mail : <scienceday@ipr.res.in>

INDUS UNIVERSITY — 1st CONVOCATION NOTIFICATION

1st Convocation of Indus University is scheduled on Saturday, 23rd January, 2016 at Indus University Campus.

- **List of eligible Students to receive Degrees and Medals are requested to refer website: www.indusuni.ac.in for details.**
- **Awardees of degrees & Medals are requested to confirm their participation or query, if any, by 16th January 2016 on e-mail : convocation2016@indusuni.ac.in**

Rancharda, Via: Thaltej, Ahmedabad - 382115.
Telefax : +91 2764 280 277 / 278 / 279 • E-mail: info@indusuni.ac.in

GOVERNMENT OF INDIA
DEPARTMENT OF SPACE

रिक्ती की अधिसूचना / Vacancy Notification

विज्ञापन सं.सी. 20011/6/2013-V दिनांक 05.01.2016

Advertisement No.B. 20011/6/2013- V dated 05.01.2016

भौतिक अनुसंधान प्रयोगशाला, अहमदाबाद, अन्तरिक्ष विभाग, भारत सरकार के अधीन एक स्वायत्त संस्था के लिए ₹67000 – (वार्षिक 3% की वेतन वृद्धि के साथ) – 79000 के एच ए.जी. वेतनमान में **निदेशक** के पद पर अन्तरिक्ष विभाग को एक योग्य अभ्यर्थी की तलाश है।

Department of Space is looking for a suitable candidate for the position of **Director, Physical Research Laboratory, Ahmedabad**, an Autonomous Body under the Department of Space, Govt. of India, in HAG scale of ₹67000- (Annual increment @ 3%) - 79000 on immediate absorption basis.

आवेदन प्राप्त करने की अंतिम तिथि 15.02.2016 है।

The last date for receipt of application is 15.02.2016.

अन्य विवरणों जैसे अर्हता एवं अनुभव, आयु सीमा इत्यादि के लिए वेबसाईट www.isro.gov.in देखें।

For other details like qualification & experience, age limit etc. log on to website www.isro.gov.in

अनुवृद्धि/शुद्धिपत्र, यदि कोई हो, उपरोक्त वेबसाइट में ही प्रकाशित किया जाएगा।
Addendum/corrigendum, if any, will be published only in the above website.

V.O.CHIDAMBARANAR PORT TRUST
TUTICORIN - 628 004. TAMILNADU.

Applications are invited in the **prescribed format** from the eligible candidates for the following Class –II post in the pay scale of Rs.16400-40500 in V.O. Chidambaranar Port Trust.

Name of the Post	Fire –cum- Assistant Safety Officer
No. of Post	One (UR)
Educational Qualification	Essential: (i) Graduateship examination of Institute of Fire Engineers (London) or should have passed B.Sc., with Chemistry as one of the main subjects or B.E., (Fire), recognized by AICTE (All India Committee for Technical Education), Nagpur University. (ii) Should have undergone Divisional Fire Officers' Course at National Fire Service College, Nagpur, or Advance Diploma Course at National Fire Service College, Nagpur. (iii) Possession of Heavy Vehicle Driving License; (iv) should have served not less than 5 years in a Fire Service Organization in an Industrial town in a rank not below Station Officer. (v) Medical standard: Height: 168 Cms Weight: 50 Kgs Chest Measurement: Normal–81 Cms , Exp. – 86 Cms Vision: Normal in both eyes, colour vision is essential and wearing of glasses is not permissible except to employees over the age of 40 years. (vi) Knowledge of swimming.
Age	Between 30 and 45 years (Age relaxation will be given for SC/ST & OBC as per rule)

The filled in application along with attested copies of educational, experience and professional certificate by Gazetted Officer should reach the undersigned on or before 05.02.2016. For further details and application form please visit the Port's Website www.vocport.gov.in.

DEPUTY CONSERVATOR

MSME

GOVERNMENT OF INDIA
Ministry of Micro, Small and Medium Enterprises
Development Commissioner (MSME)
MSME-Development Institute, 10, Pologround Industrial Estate, Indore 452015

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From Micro/Small/Medium/Large Enterprises, Govt. Organisation & Business Houses

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• Large Units & other business houses	₹ 10000/-
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• Micro & Small Units, After 60% Discount	₹ 5000/-
• SC/ST/Women/MSME-DI Trainee, After 60% Discount	₹ 4000/-

FOR REGISTRATION CONTACT :

V.P. Sharma (DD) 09425065830 | S.K. Verma (DD) 07693082451 | B.R. Chacokar (AD) 09826170364 | R.K. Swarnkar (AD) 07354656512

Brochure of the event can be downloaded from our website www.msmeindore.nic.in. Email us at : indexpo2015msme@gmail.com

ORGANISERS :

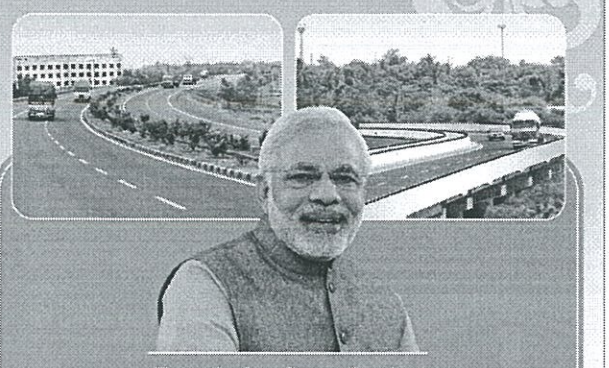
MSME-Development Institute, Indore | Directorate of Industries, Bhopal

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- National Small Industries Corporation
- M.P. Laghu Udyog Nigam, Bhopal
- Association of Industries M.P.
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- M.P. Laghu Udyog Sangh, Bhopal
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davp 25113/11/0271/1516

MINISTRY OF ROAD TRANSPORT, HIGHWAYS & SHIPPING
GOVERNMENT OF INDIA



Foundation Stone Laying of ROB-cum-Flyover at Ranichak on NH-41 in Haldia (West Bengal) with cost of ₹ 240 cr. on Friday, 8th January, 2016 at 11.30 a.m.

By

Shri Nitin Gadkari

Hon'ble Union Minister of Road Transport, Highways & Shipping

In the august presence of

Shri Arup Biswas
Hon'ble Minister-in-charge, Housing and Youth Services
Government of West Bengal

Shri Suvendu Adhikari
Hon'ble Member of Parliament (LS), Tamluk

Shri R P S Kahlon, IAS
Chairman, KoPT, Government of India

Shri Raghav Chandra, IAS
Chairman, NHAI, Government of India

Shri Sanjay Mitra, IAS
Secretary, MoRT&H, Government of India

Venue
Near Haldia Dock Complex
Ranichak, Haldia (West Bengal)

All are cordially invited

Not Just Roads, Building A Nation

રેલવે

ટેન્ડર નોટિસ નં.
ટેન્ડર નોટિસ નં.: ઇલેક્ટ્રીકલ/કન્સ્ટ્રક્શન/ઓવર-હેડ વાયર ઓપરેશન/૨૦૧૬, તા. ૦૫.૦૧.૨૦૧૬. ડિવિઝનલ રેલવે મેનેજર, પશ્ચિમ રેલવે, કોટા ડિવિઝન, કોટા (રાજસ્થાન) ખાતે નીચે જણાવેલ કામો માટે ઇલેક્ટ્રીકલ વિભાગ દ્વારા ટેન્ડર ફોર્મ ભરવા માટે આમંત્રણ આપવામાં આવે છે. ટેન્ડર ફોર્મ ફક્ત ઓનલાઇન ભરવાના રહેશે. ટેન્ડર ફોર્મ ભરવાની વિગતવાર માહિતી ઇન્ટરનેટ વેબસાઇટ www.ireps.gov.in પર જોવા મળી શકશે. ટેન્ડર ફોર્મ ભરવાની તારીખ ૧૨.૦૧.૨૦૧૬ ૧૭.૦૦ કલાક. ટેન્ડર ખોલવાની તારીખ ૧૩.૦૧.૨૦૧૬ ૧૫.૦૦ કલાક. ટેન્ડર ફોર્મ ભરવાની ફી રૂ. ૨૦૦/- (બિન-પરત પાત્ર). ટેન્ડર ફોર્મ ભરવાની ફી ઓનલાઇન ભરવાની રહેશે.

Annexure-23

O/C

BHARUCH ENVIRO INFRASTRUCTURE LIMITED

Ref.:BEIL/ANK/MoEF/2017

Date: 12.08.2017
PCB ID: 14983

To,
Mr. B. B. Barman, Scientist F
Ministry of Environment, Forest & Climate Change
Western Region Office,
Kendriya Paryavaran Bhavan,
Link Road No.3, E-5 Ravishankar Nagar
Bhopal-462016

Sub: Environmental Clearance received for Proposed Enhancement of Capacity change in configuration of Incinerator Plant at BEIL, Ankleshwar unit.
Ref: Environmental Clearance F. No. 10-10/2014-IA-III dated 1st August, 2017.

Dear Sir,

With Reference to the aforesaid Environmental Clearance F. No. 10-10/2014-IA-III dated 1st August, 2017, which we have received on 08-August-2017 for enhancement of capacity change in configuration of the incinerator installed at Common Hazardous Waste Treatment, Storage and Disposal Facilities (TSDF) at BEIL, Ankleswar unit.

As mentioned in the EC condition No. 6, it has to be published in newspaper within 7 days from the date of receipt of the clearance letter in at least two local newspapers. We would like to inform that we have published in English (Times of India) on 11th Aug, 2017 and a vernacular language, Gujarati (SANDESH & Divya Bhaskar) Newspapers on 10th Aug, 2017.

The copies of the stated three newspapers are attached herewith for your reference and record.

Thanking you,

Yours Faithfully,
For, Bharuch Enviro Infrastructure Ltd.

B. D. Dalwadi
Chief Executive Officer

C.C: (1) Member Secretory
Gujarat Pollution Control Board
Paryavaran Bhavan, Sector-10/A, Gandhinagar-382010
(2) Regional Officer
Gujarat Pollution Control Board
Ankleshwar

Received
Gujarat Pollution Control Board
RO Ankleshwar
16/8/17

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 : panjwania@uniphos.com
Regd. Office : Plot No. 117-118, GIDC Estate, Ankleshwar 393 002,Dist.: Bharuch. (Gujarat)

Annexure 26

सत्यमेव जयते
Government of Gujarat

Dakshin Gujarat Vij Company Limited
(A Government of Gujarat Undertaking) CIN U40102GJ2003SGC042909
Industrial Division, Ankleshwar
DGVCL Campus, Opp. ONGC Workshop, Ta. Ankleshwar-393001, Dist. Bharuch, Gujarat.
Phone No. 02646 245252,247950, Toll Free No.: 1800-233-3003, E-mail:eeank.dgvcl@gebmail.com
Registered Office :"Urja Sadan" Nana Varachha Road, Kapodara, Nr. Gajjar Petrol Pump, Surat-395006 (Gujarat)

DGVCL

Certificate

To Whomsoever It May Concern

M/S BEIL INFRASTRUCTURE LIMITED, at Plant Address: Plot No. G7&8 with Road No. 1&2, Road No. 1to4 & Ele. Lines G.S. & Area of Plot. 191510.33 Sq. MTR, Road No. South 14/A-16 MTR Between Plot No. 9901 to 9906 & 9815-9828, 7905/E-7905/H, 7924-7927, 9401-9412, 9501-9506, 9601-9604, 9701-9716, 9801-828, 9901-9906, 9923-9928, 10001-10003, Ta. Ankleshwar-393002, Dist. Bharuch, Gujarat. HT Connection having Consumer No. **39697**, Having Contract Demand **1500 KVA**, Power release on dated **03-11-2004** is high tension consumer of Dakshin Gujarat Vij Company Limited as per this office record.

Executive Engineer
DGVCL, Ankleshwar

(**REF.:** Consumer letter dated 19-07-2023)

To,
M/S BEIL INFRASTRUCTURE LIMITED,
Plot No. G7&8 with Road No. 1&2, Road No. 1to4 & Ele. Lines G.S.
& Area of Plot. 191510.33 Sq. MTR, Road No. South 14/A-16
MTR between Plot No. 9901 to 9906 & 9815-9828, 7905/E-7905/H,
7924-7927, 9401-9412, 9501-9506, 9601-9604, 9701-9716,
9801-828, 9901-9906, 9923-9928, 10001-10003,
Ta. Ankleshwar-393002, Dist. Bharuch, Gujarat.

Signature valid
Signed by:Hemang Rameshchandra Modi
Executive Engineer
Date: 2023.10.17 18:03:26 +05:30

File No: DGVCLDANKI/Certificate/e-file/4441/2023/1197/Account
Approved By: Hemang Rameshchandra Modi(Executive Engineer,Tech

Open the document in Adobe Acrobat DC to verify the E-sign

Parameter Report

BEIL Infrastructure Limited

Generated On	2024-11-06 15:28:20	**Generated By**	bhavin.modi@beil.co.in
Period	2024-04-01 00:00:00 - 2024-09-30 15:25:00	**Station Type**	CEMS
Stations	INC-2,INC-1	**Parameters**	HCL,O2,NOX,SO2,TOC,CO,PM,HF

S.No.	Time	INC-1 CO (mg/nm³)(avg)	INC-1 HCL (mg/nm³)(avg)	INC-1 HF (mg/nm³)(avg)	INC-1 NOX (mg/nm³)(avg)	INC-1 O2 (%)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-1 TOC (mg/nm³)(avg)	INC-2 CO (mg/nm³)(avg)	INC-2 HCL (mg/nm³)(avg)	INC-2 HF (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 O2 (%)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)	INC-2 TOC (mg/nm³)(avg)
1	2024-04-01 00:00:00:000	1.87	0.0	2.18	0.0	13.95	29.07	0.01	0.0	7.12	0.18	0.0	0.0	18.47	N/A	0.0	0.0
2	2024-04-02 00:00:00:000	0.84	0.0	1.83	0.0	14.31	30.55	0.01	0.0	5.11	0.19	0.0	0.0	18.93	N/A	0.0	0.0
3	2024-04-03 00:00:00:000	0.21	0.0	2.57	0.0	14.13	29.81	0.01	0.0	0.01	0.13	0.0	0.0	19.54	N/A	0.0	0.0
4	2024-04-04 00:00:00:000	0.17	0.05	2.73	0.0	14.08	30.49	0.01	0.0	0.0	0.12	0.0	0.0	19.74	N/A	0.0	0.0
5	2024-04-05 00:00:00:000	0.01	0.0	2.93	0.0	13.84	30.78	0.02	0.0	0.0	0.08	0.0	0.0	19.94	N/A	0.0	0.0
6	2024-04-06 00:00:00:000	0.06	0.0	3.11	0.0	15.79	30.79	0.03	0.0	7.99	0.03	0.0	0.0	19.62	29.97	0.0	0.0
7	2024-04-07 00:00:00:000	0.04	0.0	1.58	0.0	20.08	N/A	0.02	0.0	58.91	0.04	0.0	0.18	18.88	30.96	0.05	0.0

S.No.	Time	INC-1 CO (mg/nm³)(avg)	INC-1 HCL (mg/nm³)(avg)	INC-1 HF (mg/nm³)(avg)	INC-1 NOX (mg/nm³)(avg)	INC-1 O2 (%)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-1 TOC (mg/nm³)(avg)	INC-2 CO (mg/nm³)(avg)	INC-2 HCL (mg/nm³)(avg)	INC-2 HF (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 O2 (%)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)	INC-2 TOC (mg/nm³)(avg)
8	2024-04-08 00:00:00:000	0.07	0.0	2.17	0.0	20.16	N/A	0.02	0.0	12.3	0.0	0.0	0.76	19.09	30.98	0.0	0.0
9	2024-04-09 00:00:00:000	0.0	0.0	0.53	0.0	20.35	N/A	0.01	0.0	8.07	1.58	0.0	0.0	17.61	27.98	0.53	0.0
10	2024-04-10 00:00:00:000	0.0	0.0	0.11	0.0	20.37	N/A	0.01	0.0	0.07	2.98	0.0	0.0	17.6	24.66	0.0	0.0
11	2024-04-11 00:00:00:000	0.01	0.0	0.15	0.0	20.38	N/A	0.0	0.0	0.01	2.99	0.0	0.0	16.5	24.81	0.0	0.01
12	2024-04-12 00:00:00:000	0.01	0.0	0.15	0.0	20.39	N/A	0.01	0.0	0.03	2.51	0.0	0.0	17.62	24.77	0.0	0.01
13	2024-04-13 00:00:00:000	0.03	0.0	0.14	0.0	20.36	N/A	0.02	0.0	0.26	2.28	0.0	0.0	17.44	24.82	0.0	0.0
14	2024-04-14 00:00:00:000	0.0	0.0	0.16	0.0	20.36	N/A	0.01	0.0	0.47	2.54	0.0	0.0	18.53	24.86	0.0	0.0
15	2024-04-15 00:00:00:000	0.0	0.0	0.07	0.0	20.39	N/A	0.0	0.0	1.35	2.78	0.0	0.0	17.67	24.81	0.3	0.09
16	2024-04-16 00:00:00:000	0.0	0.0	0.13	0.0	20.41	N/A	0.02	0.0	0.76	3.88	0.0	0.0	18.18	25.13	0.0	0.04
17	2024-	0.0	0.0	0.09	0.0	20.36	N/A	0.01	0.0	0.65	3.25	0.0	0.0	15.48	25.27	0.0	0.08

S.No.	Time	INC-1 CO (mg/nm³)(avg)	INC-1 HCL (mg/nm³)(avg)	INC-1 HF (mg/nm³)(avg)	INC-1 NOX (mg/nm³)(avg)	INC-1 O2 (%)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-1 TOC (mg/nm³)(avg)	INC-2 CO (mg/nm³)(avg)	INC-2 HCL (mg/nm³)(avg)	INC-2 HF (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 O2 (%)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)	INC-2 TOC (mg/nm³)(avg)
	04-17 00:00:00:000																
18	2024-04-18 00:00:00:000	0.0	0.0	0.14	0.01	20.39	N/A	0.0	0.0	1.04	2.92	0.0	0.0	16.18	25.2	0.0	0.02
19	2024-04-19 00:00:00:000	0.0	0.0	0.22	0.0	20.36	N/A	0.01	0.0	0.51	3.21	0.0	0.0	16.37	25.02	0.0	0.0
20	2024-04-20 00:00:00:000	0.0	0.0	0.2	0.0	20.41	N/A	0.0	0.0	0.52	3.95	0.0	0.0	15.63	25.01	0.0	0.01
21	2024-04-21 00:00:00:000	0.0	0.0	0.27	0.0	20.47	N/A	0.0	0.0	0.52	4.48	0.0	0.0	15.88	24.91	0.0	0.0
22	2024-04-22 00:00:00:000	0.0	0.05	0.14	0.0	20.58	N/A	0.03	0.0	0.33	4.52	0.0	0.0	15.44	24.92	0.0	0.02
23	2024-04-23 00:00:00:000	0.0	0.05	0.18	0.0	20.54	N/A	0.01	0.0	14.74	4.27	0.0	4.05	14.55	25.03	0.0	0.0
24	2024-04-24 00:00:00:000	0.03	0.0	0.12	0.0	20.48	N/A	0.01	0.0	19.32	4.12	0.0	2.74	15.2	23.96	1.76	0.04
25	2024-04-25 00:00:00:000	0.0	0.0	0.25	0.02	20.48	N/A	0.01	0.0	38.13	3.98	0.0	25.46	15.06	25.31	46.75	0.04
26	2024-04-26	0.0	0.0	0.17	0.0	20.53	N/A	0.01	0.0	13.87	4.16	0.0	13.5	14.98	24.97	31.97	0.0

S.No.	Time	INC-1 CO (mg/nm³)(avg)	INC-1 HCL (mg/nm³)(avg)	INC-1 HF (mg/nm³)(avg)	INC-1 NOX (mg/nm³)(avg)	INC-1 O2 (%)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-1 TOC (mg/nm³)(avg)	INC-2 CO (mg/nm³)(avg)	INC-2 HCL (mg/nm³)(avg)	INC-2 HF (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 O2 (%)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)	INC-2 TOC (mg/nm³)(avg)
	00:00:00:000																
27	2024-04-27 00:00:00:000	0.0	0.0	0.17	0.02	20.56	N/A	0.02	0.0	38.95	3.17	0.0	9.76	15.8	24.43	3.04	0.03
28	2024-04-28 00:00:00:000	0.3	0.0	0.16	0.18	20.5	N/A	0.03	0.0	33.3	2.84	0.0	1.5	15.85	25.41	18.57	0.0
29	2024-04-29 00:00:00:000	0.0	0.0	0.14	0.3	20.6	N/A	0.05	0.0	36.35	2.83	0.0	9.37	15.85	25.27	70.25	0.0
30	2024-04-30 00:00:00:000	0.0	0.0	0.25	0.0	20.61	N/A	0.01	0.0	29.55	3.48	0.0	12.52	16.14	25.64	19.78	0.01
31	2024-05-01 00:00:00:000	0.13	0.0	0.13	0.0	20.63	N/A	0.01	0.0	23.24	3.58	0.0	11.76	16.38	25.03	2.76	0.0
32	2024-05-02 00:00:00:000	0.0	0.0	0.14	0.0	20.74	N/A	0.0	0.0	43.85	3.22	0.0	21.68	18.74	25.31	0.03	0.0
33	2024-05-03 00:00:00:000	0.0	0.0	0.12	0.0	20.76	N/A	0.01	0.0	17.45	3.08	0.0	17.49	18.9	25.49	0.0	0.0
34	2024-05-04 00:00:00:000	0.0	0.0	0.23	0.0	20.78	N/A	0.03	0.0	26.62	3.28	0.0	7.22	18.9	25.01	0.22	0.12
35	2024-05-05 00:00:	0.0	0.0	0.17	0.0	20.72	N/A	0.03	0.0	10.76	3.64	0.0	13.01	18.78	24.99	0.0	0.02

S.No.	Time	INC-1 CO (mg/nm³)(avg)	INC-1 HCL (mg/nm³)(avg)	INC-1 HF (mg/nm³)(avg)	INC-1 NOX (mg/nm³)(avg)	INC-1 O2 (%)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-1 TOC (mg/nm³)(avg)	INC-2 CO (mg/nm³)(avg)	INC-2 HCL (mg/nm³)(avg)	INC-2 HF (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 O2 (%)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)	INC-2 TOC (mg/nm³)(avg)
	00:000																
36	2024-05-06 00:00:00:000	0.0	0.0	0.25	0.0	20.76	N/A	0.03	0.0	13.04	3.53	0.0	5.95	18.79	24.69	0.0	0.0
37	2024-05-07 00:00:00:000	0.06	0.0	0.25	0.01	20.78	N/A	0.02	0.0	16.29	3.43	0.0	6.63	18.77	25.08	0.0	0.02
38	2024-05-08 00:00:00:000	0.0	0.0	0.29	0.0	20.76	N/A	0.04	0.0	19.77	3.43	0.0	4.8	18.81	24.56	0.0	0.0
39	2024-05-09 00:00:00:000	0.0	0.0	0.31	0.0	20.79	N/A	0.07	0.0	29.59	3.54	0.0	4.04	18.83	24.92	0.0	0.03
40	2024-05-10 00:00:00:000	0.0	0.0	0.27	0.0	20.76	N/A	0.08	0.0	18.59	3.49	0.0	14.19	18.76	24.44	0.0	0.0
41	2024-05-11 00:00:00:000	0.0	0.08	0.27	0.0	20.2	N/A	0.06	0.0	12.4	3.53	0.0	10.2	18.81	24.64	0.0	0.01
42	2024-05-12 00:00:00:000	6.56	0.08	0.14	7.35	18.59	N/A	13.89	0.0	25.57	3.45	0.0	2.01	18.98	24.86	0.0	0.0
43	2024-05-13 00:00:00:000	13.96	0.12	0.17	16.94	14.97	N/A	23.61	0.0	7.57	3.31	0.0	9.93	18.7	24.39	0.0	3.44
44	2024-05-14 00:00:00:000	1.53	0.0	0.06	130.32	12.18	23.33	153.53	1.67	16.17	3.06	0.0	8.22	19.11	22.95	0.0	0.0

S.No.	Time	INC-1 CO (mg/nm³)(avg)	INC-1 HCL (mg/nm³)(avg)	INC-1 HF (mg/nm³)(avg)	INC-1 NOX (mg/nm³)(avg)	INC-1 O2 (%)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-1 TOC (mg/nm³)(avg)	INC-2 CO (mg/nm³)(avg)	INC-2 HCL (mg/nm³)(avg)	INC-2 HF (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 O2 (%)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)	INC-2 TOC (mg/nm³)(avg)
45	2024-05-15 00:00:00:000	3.63	0.0	0.0	46.23	13.5	27.44	81.15	0.0	0.0	2.77	0.0	0.0	19.37	0.94	0.0	0.0
46	2024-05-16 00:00:00:000	11.4	0.01	0.18	11.32	15.91	29.83	106.61	0.0	0.0	2.84	0.0	0.04	19.44	0.51	0.0	0.0
47	2024-05-17 00:00:00:000	9.2	0.0	0.0	48.34	12.67	29.95	256.2	0.0	0.02	2.11	0.0	0.0	151.29	0.83	0.0	0.0
48	2024-05-18 00:00:00:000	9.58	0.14	0.0	1.03	13.09	29.89	87.73	0.0	0.03	1.21	0.0	0.0	19.33	1.04	0.0	0.0
49	2024-05-19 00:00:00:000	28.24	8.57	0.0	0.0	11.79	30.13	3.38	0.0	0.01	0.07	0.0	0.0	19.34	1.21	0.0	0.0
50	2024-05-20 00:00:00:000	42.51	7.6	0.0	0.0	12.33	30.12	0.1	0.0	0.06	0.13	0.0	0.0	19.34	1.27	0.02	0.0
51	2024-05-21 00:00:00:000	94.67	7.09	0.0	0.0	11.53	30.46	0.01	0.0	0.01	0.12	0.0	0.0	19.34	1.09	0.0	0.0
52	2024-05-22 00:00:00:000	48.77	5.67	0.0	0.0	15.94	30.43	0.0	0.0	0.07	0.13	0.0	0.0	19.33	0.57	0.0	0.0
53	2024-05-23 00:00:00:000	78.02	5.45	0.0	0.0	17.12	30.56	0.01	0.0	0.0	0.12	0.0	0.0	19.35	0.61	0.0	0.0
54	2024-	58.58	4.82	0.0	0.0	12.73	30.41	0.0	0.0	0.0	0.17	0.0	0.0	19.32	0.55	0.0	0.0

S.No.	Time	INC-1 CO (mg/nm³)(avg)	INC-1 HCL (mg/nm³)(avg)	INC-1 HF (mg/nm³)(avg)	INC-1 NOX (mg/nm³)(avg)	INC-1 O2 (%)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-1 TOC (mg/nm³)(avg)	INC-2 CO (mg/nm³)(avg)	INC-2 HCL (mg/nm³)(avg)	INC-2 HF (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 O2 (%)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)	INC-2 TOC (mg/nm³)(avg)
	05-24 00:00:00:000																
55	2024-05-25 00:00:00:000	182.64	5.22	0.0	0.0	13.15	30.21	0.0	0.0	0.01	0.21	0.0	0.0	19.32	0.55	0.0	0.0
56	2024-05-26 00:00:00:000	124.4	7.66	0.0	0.0	12.04	30.15	0.0	0.0	0.01	0.26	0.0	0.0	19.33	0.46	0.0	0.0
57	2024-05-27 00:00:00:000	0.89	9.87	0.0	0.02	15.22	30.08	0.01	0.0	0.01	0.32	0.0	0.0	19.35	0.35	0.0	0.0
58	2024-05-28 00:00:00:000	0.0	15.08	0.0	0.01	13.31	29.75	0.0	0.0	0.01	0.48	0.0	0.0	19.34	0.0	0.0	0.0
59	2024-05-29 00:00:00:000	0.0	18.93	0.0	0.01	13.16	29.54	0.0	0.0	0.0	0.62	0.0	0.0	19.35	0.0	0.0	0.0
60	2024-05-30 00:00:00:000	0.0	19.38	0.0	0.03	16.25	29.68	0.0	0.0	0.0	0.6	0.0	0.0	19.39	0.0	0.0	0.0
61	2024-05-31 00:00:00:000	0.0	14.93	0.0	0.04	13.39	30.12	0.0	0.0	0.04	0.41	0.0	0.0	19.4	0.0	0.0	0.0
62	2024-06-01 00:00:00:000	0.0	12.67	0.0	0.01	15.2	29.96	0.0	0.0	0.03	0.35	0.0	0.0	19.41	0.0	0.0	0.0
63	2024-06-02	0.0	12.34	0.0	0.04	15.49	30.02	0.0	0.0	0.01	0.33	0.0	0.0	19.43	0.0	0.0	0.0

S.No.	Time	INC-1 CO (mg/nm³)(avg)	INC-1 HCL (mg/nm³)(avg)	INC-1 HF (mg/nm³)(avg)	INC-1 NOX (mg/nm³)(avg)	INC-1 O2 (%)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-1 TOC (mg/nm³)(avg)	INC-2 CO (mg/nm³)(avg)	INC-2 HCL (mg/nm³)(avg)	INC-2 HF (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 O2 (%)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)	INC-2 TOC (mg/nm³)(avg)
	00:00:00:000																
64	2024-06-03 00:00:00:000	0.0	8.0	0.0	0.04	14.18	29.78	0.0	0.0	0.01	0.25	0.0	0.0	19.41	0.0	0.0	0.0
65	2024-06-04 00:00:00:000	0.0	4.56	0.0	0.03	14.09	30.01	0.0	0.0	0.02	0.13	0.0	0.0	19.44	0.0	0.0	0.0
66	2024-06-05 00:00:00:000	0.0	0.01	0.0	0.0	14.67	30.52	0.0	0.0	0.05	0.0	0.0	0.0	19.45	0.28	0.0	0.0
67	2024-06-06 00:00:00:000	0.0	0.0	0.0	0.0	12.75	30.8	0.0	0.0	0.08	0.0	0.0	0.0	19.46	0.47	0.0	0.0
68	2024-06-07 00:00:00:000	0.0	2.24	0.0	0.0	13.69	30.93	0.0	0.0	0.0	0.06	0.0	0.0	19.41	0.56	0.0	0.0
69	2024-06-08 00:00:00:000	0.0	9.08	0.0	0.0	14.2	30.74	0.0	0.0	0.03	0.32	0.0	0.0	19.41	0.16	0.0	0.0
70	2024-06-09 00:00:00:000	0.0	14.79	0.0	0.0	14.43	31.02	0.0	0.0	0.01	0.47	0.0	0.02	19.38	0.0	0.0	0.0
71	2024-06-10 00:00:00:000	0.0	26.77	0.0	0.0	17.3	29.61	0.0	0.0	0.0	0.48	0.0	0.0	19.43	0.0	0.0	0.0
72	2024-06-11 00:00:	0.0	20.45	0.0	63.57	19.34	30.35	0.39	0.0	6.62	0.42	0.0	4.51	163.21	0.0	0.0	0.0

S.No.	Time	INC-1 CO (mg/nm³)(avg)	INC-1 HCL (mg/nm³)(avg)	INC-1 HF (mg/nm³)(avg)	INC-1 NOX (mg/nm³)(avg)	INC-1 O2 (%)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-1 TOC (mg/nm³)(avg)	INC-2 CO (mg/nm³)(avg)	INC-2 HCL (mg/nm³)(avg)	INC-2 HF (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 O2 (%)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)	INC-2 TOC (mg/nm³)(avg)
	00:000																
73	2024-06-12 00:00:00:000	0.0	13.86	0.0	0.0	18.19	30.67	0.0	0.0	19.35	0.34	0.0	3.89	55.67	0.0	0.0	0.0
74	2024-06-13 00:00:00:000	0.0	36.28	0.0	0.0	17.44	31.23	0.0	0.0	19.76	0.65	0.0	0.36	19.46	0.2	0.0	0.0
75	2024-06-14 00:00:00:000	0.0	40.82	0.0	0.02	19.04	31.32	0.0	0.0	18.28	0.44	0.0	0.11	19.48	0.22	0.0	0.0
76	2024-06-15 00:00:00:000	0.0	53.37	0.0	0.0	16.44	31.07	0.0	0.0	19.69	0.67	0.0	0.02	19.42	0.02	0.0	0.0
77	2024-06-16 00:00:00:000	0.0	56.31	0.0	0.0	19.03	30.7	0.0	0.0	19.42	0.77	0.0	0.03	19.42	0.0	0.0	0.0
78	2024-06-17 00:00:00:000	0.0	26.72	0.0	0.0	15.93	31.24	0.0	0.0	19.03	0.62	0.0	0.1	19.45	0.0	0.0	0.0
79	2024-06-18 00:00:00:000	0.0	5.99	0.0	0.0	15.46	30.11	0.0	0.0	5.33	0.6	0.0	0.03	152.32	0.0	0.0	0.0
80	2024-06-19 00:00:00:000	0.0	17.86	0.0	0.0	16.78	29.03	0.0	0.0	0.0	0.4	0.0	0.0	19.42	0.0	0.0	0.0
81	2024-06-20 00:00:00:000	0.0	37.32	0.0	0.0	16.14	28.19	0.0	0.0	0.0	0.3	0.0	0.0	19.38	0.0	0.0	0.0

S.No.	Time	INC-1 CO (mg/nm³)(avg)	INC-1 HCL (mg/nm³)(avg)	INC-1 HF (mg/nm³)(avg)	INC-1 NOX (mg/nm³)(avg)	INC-1 O2 (%)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-1 TOC (mg/nm³)(avg)	INC-2 CO (mg/nm³)(avg)	INC-2 HCL (mg/nm³)(avg)	INC-2 HF (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 O2 (%)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)	INC-2 TOC (mg/nm³)(avg)
82	2024-06-21 00:00:00:000	0.0	24.29	0.0	0.0	16.42	29.19	0.0	0.0	0.02	0.38	0.0	0.0	19.39	0.0	0.0	0.0
83	2024-06-22 00:00:00:000	0.0	5.38	0.0	0.0	18.1	29.66	0.0	0.0	0.0	0.09	0.0	0.0	19.4	0.0	0.0	0.0
84	2024-06-23 00:00:00:000	0.0	53.71	0.0	0.0	20.23	29.13	0.0	0.0	0.02	0.0	0.0	0.0	19.48	0.0	0.0	0.0
85	2024-06-24 00:00:00:000	0.0	9.85	0.0	0.13	16.87	25.93	0.0	0.0	14.29	0.0	0.0	0.0	213.22	0.0	0.0	0.0
86	2024-06-25 00:00:00:000	0.0	1.05	0.0	0.0	18.33	27.2	0.0	0.0	15.43	0.4	0.0	0.0	19.48	0.0	0.0	0.0
87	2024-06-26 00:00:00:000	0.0	1.15	0.0	0.0	12.97	28.47	0.0	0.0	11.55	0.65	0.0	0.0	151.14	0.0	0.0	0.0
88	2024-06-27 00:00:00:000	0.0	2.07	0.0	0.0	12.59	27.96	0.0	0.0	0.01	0.47	0.0	0.0	19.46	0.0	0.0	0.0
89	2024-06-28 00:00:00:000	0.0	2.58	0.0	0.0	17.28	27.09	0.0	0.0	0.11	0.0	0.0	0.0	19.53	0.0	0.0	0.0
90	2024-06-29 00:00:00:000	0.0	3.24	0.0	0.0	18.75	25.52	0.0	0.0	0.28	0.0	0.0	0.0	19.59	0.0	0.0	0.0
91	2024-	0.0	3.75	0.0	0.0	17.94	24.7	0.0	0.0	0.21	0.0	0.0	0.0	19.6	0.0	0.0	0.0

S.No.	Time	INC-1 CO (mg/nm³)(avg)	INC-1 HCL (mg/nm³)(avg)	INC-1 HF (mg/nm³)(avg)	INC-1 NOX (mg/nm³)(avg)	INC-1 O2 (%)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-1 TOC (mg/nm³)(avg)	INC-2 CO (mg/nm³)(avg)	INC-2 HCL (mg/nm³)(avg)	INC-2 HF (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 O2 (%)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)	INC-2 TOC (mg/nm³)(avg)
	06-30 00:00:00:000																
92	2024-07-01 00:00:00:000	0.0	4.56	0.0	0.0	17.8	23.98	0.0	0.0	0.57	0.0	0.0	0.0	19.65	0.0	0.0	0.0
93	2024-07-02 00:00:00:000	0.0	4.19	0.0	7.56	18.21	23.74	70.39	0.0	0.23	0.0	0.0	0.0	151.21	0.0	0.0	0.0
94	2024-07-03 00:00:00:000	0.0	3.14	0.0	370.8	17.11	24.24	111.15	0.0	0.13	0.0	0.0	0.01	19.67	0.0	0.0	0.0
95	2024-07-04 00:00:00:000	0.0	3.42	0.0	371.53	17.09	24.97	81.76	0.0	0.11	0.0	0.0	0.01	19.73	0.0	0.0	0.0
96	2024-07-05 00:00:00:000	0.0	3.98	0.0	353.82	18.11	24.09	90.44	0.0	0.46	0.0	0.0	0.01	19.72	0.0	0.0	0.0
97	2024-07-06 00:00:00:000	0.0	3.73	0.0	350.32	17.43	23.96	79.84	0.0	1.23	0.0	0.0	0.05	19.67	0.0	0.0	0.0
98	2024-07-07 00:00:00:000	0.0	1.62	0.0	338.25	18.51	25.08	149.85	0.0	0.86	0.29	0.0	0.01	19.67	0.0	0.0	0.0
99	2024-07-08 00:00:00:000	0.0	0.9	0.0	336.21	19.68	25.93	150.56	0.0	0.2	0.09	0.0	0.0	19.69	0.0	0.0	0.0
100	2024-07-09	0.0	0.66	0.0	354.04	20.07	25.76	325.02	0.0	0.01	0.42	0.0	0.0	19.68	0.0	0.0	0.0

S.No.	Time	INC-1 CO (mg/nm³)(avg)	INC-1 HCL (mg/nm³)(avg)	INC-1 HF (mg/nm³)(avg)	INC-1 NOX (mg/nm³)(avg)	INC-1 O2 (%)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-1 TOC (mg/nm³)(avg)	INC-2 CO (mg/nm³)(avg)	INC-2 HCL (mg/nm³)(avg)	INC-2 HF (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 O2 (%)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)	INC-2 TOC (mg/nm³)(avg)
	00:00:00:000																
101	2024-07-10 00:00:00:000	0.0	0.73	0.0	56.79	20.68	25.79	143.58	0.0	0.41	0.48	0.0	0.01	19.73	0.0	0.0	0.0
102	2024-07-11 00:00:00:000	0.0	2.13	0.0	0.0	17.59	25.31	0.0	0.0	0.4	0.0	0.0	0.01	19.74	0.0	0.0	0.0
103	2024-07-12 00:00:00:000	0.0	2.35	0.0	0.0	11.61	25.48	0.01	0.0	0.61	0.0	0.0	0.0	19.68	0.0	0.0	0.0
104	2024-07-13 00:00:00:000	0.0	2.62	0.0	0.0	12.87	24.68	0.0	0.0	0.38	0.0	0.0	0.0	19.67	0.0	0.0	0.0
105	2024-07-14 00:00:00:000	0.0	2.62	0.0	0.0	8.67	24.73	0.01	0.0	0.63	0.0	0.0	0.03	19.6	0.0	0.0	0.0
106	2024-07-15 00:00:00:000	0.0	1.29	0.14	0.07	18.12	25.56	0.04	0.0	0.89	0.03	0.0	0.04	19.58	0.0	0.0	0.0
107	2024-07-16 00:00:00:000	0.0	0.26	0.0	0.35	18.88	24.79	1.91	0.0	1.38	0.0	0.0	0.21	19.91	0.0	0.0	0.0
108	2024-07-17 00:00:00:000	0.0	0.02	0.4	0.1	20.35	25.3	0.0	0.0	0.75	0.01	0.0	0.09	24.46	0.0	0.0	0.0
109	2024-07-18 00:00:	0.0	0.0	0.09	0.01	15.27	25.17	0.01	0.0	1.18	0.43	0.0	0.1	19.99	0.0	0.0	0.0

S.No.	Time	INC-1 CO (mg/nm³)(avg)	INC-1 HCL (mg/nm³)(avg)	INC-1 HF (mg/nm³)(avg)	INC-1 NOX (mg/nm³)(avg)	INC-1 O2 (%)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-1 TOC (mg/nm³)(avg)	INC-2 CO (mg/nm³)(avg)	INC-2 HCL (mg/nm³)(avg)	INC-2 HF (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 O2 (%)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)	INC-2 TOC (mg/nm³)(avg)
	00:000																
110	2024-07-19 00:00:00:000	0.0	0.14	0.08	0.09	14.33	24.38	0.0	0.0	0.76	0.32	0.0	0.06	152.6	0.0	0.0	0.0
111	2024-07-20 00:00:00:000	0.0	0.0	0.14	0.04	17.25	24.5	0.0	0.0	0.11	0.03	0.0	0.0	19.86	0.0	0.0	0.0
112	2024-07-21 00:00:00:000	0.0	0.0	0.02	0.0	20.74	11.93	0.0	0.0	0.17	0.16	0.0	0.0	19.34	12.33	0.0	0.01
113	2024-07-22 00:00:00:000	0.0	0.0	0.0	0.0	20.78	0.0	0.0	0.0	0.07	0.57	0.0	0.0	19.11	23.27	0.0	0.0
114	2024-07-23 00:00:00:000	0.0	0.0	0.0	0.01	20.68	0.0	0.0	0.0	0.1	0.99	0.0	0.0	19.22	23.0	0.0	0.0
115	2024-07-24 00:00:00:000	0.0	0.0	0.0	0.01	20.9	0.0	0.0	0.0	0.06	0.29	0.0	0.0	19.4	22.85	0.0	0.0
116	2024-07-25 00:00:00:000	0.0	0.32	0.0	0.01	20.9	0.0	0.0	0.0	0.07	0.37	0.0	0.0	19.31	10.83	0.0	0.0
117	2024-07-26 00:00:00:000	0.0	0.59	0.0	0.01	20.9	0.06	0.0	0.0	0.26	0.0	0.0	0.0	19.18	11.03	0.0	0.0
118	2024-07-27 00:00:00:000	0.0	0.11	0.0	0.01	20.9	0.0	0.0	0.0	0.52	0.0	0.0	0.0	19.27	27.94	0.0	0.0

S.No.	Time	INC-1 CO (mg/nm³)(avg)	INC-1 HCL (mg/nm³)(avg)	INC-1 HF (mg/nm³)(avg)	INC-1 NOX (mg/nm³)(avg)	INC-1 O2 (%)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-1 TOC (mg/nm³)(avg)	INC-2 CO (mg/nm³)(avg)	INC-2 HCL (mg/nm³)(avg)	INC-2 HF (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 O2 (%)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)	INC-2 TOC (mg/nm³)(avg)
119	2024-07-28 00:00:00:000	0.0	0.45	0.0	0.0	20.9	0.0	0.0	0.0	0.82	0.0	0.0	0.0	19.07	28.39	0.0	0.0
120	2024-07-29 00:00:00:000	0.0	1.15	0.0	0.03	20.9	0.0	0.0	0.0	0.95	0.0	0.0	0.0	19.07	28.71	0.0	0.0
121	2024-07-30 00:00:00:000	0.0	1.19	0.0	0.02	20.69	0.0	0.0	0.0	0.75	0.0	0.0	0.0	19.29	27.56	0.0	0.0
122	2024-07-31 00:00:00:000	0.0	0.36	0.0	0.01	20.39	0.0	0.0	0.0	0.72	0.0	0.0	0.0	19.2	28.38	0.0	0.0
123	2024-08-01 00:00:00:000	0.0	0.29	0.0	0.01	20.38	0.0	0.0	0.0	0.62	0.0	0.0	0.0	19.22	28.56	0.0	0.0
124	2024-08-02 00:00:00:000	0.0	0.48	0.0	0.01	20.38	0.0	0.0	0.0	0.2	0.0	0.0	0.0	19.28	28.38	0.0	0.0
125	2024-08-03 00:00:00:000	0.0	0.97	0.0	0.01	20.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.27	28.4	0.0	0.0
126	2024-08-04 00:00:00:000	0.0	1.0	0.0	0.01	20.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.34	27.8	0.0	0.0
127	2024-08-05 00:00:00:000	0.0	0.82	0.0	0.0	20.51	1.24	0.0	0.0	0.01	0.0	0.0	0.0	19.4	28.0	0.0	0.0
128	2024-	0.0	0.44	0.0	0.01	16.11	19.13	0.0	0.0	0.02	0.0	0.0	0.0	19.33	13.63	0.0	0.0

S.No.	Time	INC-1 CO (mg/nm³)(avg)	INC-1 HCL (mg/nm³)(avg)	INC-1 HF (mg/nm³)(avg)	INC-1 NOX (mg/nm³)(avg)	INC-1 O2 (%)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-1 TOC (mg/nm³)(avg)	INC-2 CO (mg/nm³)(avg)	INC-2 HCL (mg/nm³)(avg)	INC-2 HF (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 O2 (%)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)	INC-2 TOC (mg/nm³)(avg)
	08-06 00:00:00:000																
129	2024-08-07 00:00:00:000	0.0	0.0	0.0	0.0	17.04	22.42	0.0	0.0	0.47	0.0	0.0	0.0	19.35	13.38	0.0	0.0
130	2024-08-08 00:00:00:000	0.0	0.0	0.0	0.0	19.31	22.79	0.0	0.0	0.18	0.0	0.0	0.0	19.6	13.23	0.0	0.0
131	2024-08-09 00:00:00:000	0.0	0.0	0.0	0.0	19.57	26.66	0.0	0.0	1.45	0.0	0.0	0.0	19.99	5.74	0.0	0.0
132	2024-08-10 00:00:00:000	0.0	0.0	0.0	0.01	19.61	22.97	0.0	0.0	0.05	0.0	0.0	0.0	20.27	0.0	0.0	0.0
133	2024-08-11 00:00:00:000	0.0	0.0	0.0	0.0	19.64	22.47	0.0	0.0	0.02	0.0	0.0	0.0	20.19	0.0	0.0	0.0
134	2024-08-12 00:00:00:000	0.0	0.29	0.0	0.02	19.69	22.01	0.0	0.0	0.02	0.0	0.0	0.0	20.21	0.0	0.0	0.0
135	2024-08-13 00:00:00:000	0.0	0.51	0.0	0.0	19.64	21.38	0.0	0.0	0.02	0.0	0.0	0.0	20.2	0.0	0.0	0.0
136	2024-08-14 00:00:00:000	0.0	0.0	0.0	0.0	19.79	22.14	0.0	0.0	0.1	0.0	0.0	0.0	20.19	0.0	0.0	0.0
137	2024-08-15	0.0	0.0	0.0	0.07	19.59	22.4	0.0	0.0	0.3	0.0	0.0	0.0	20.16	0.0	0.0	0.0

S.No.	Time	INC-1 CO (mg/nm³)(avg)	INC-1 HCL (mg/nm³)(avg)	INC-1 HF (mg/nm³)(avg)	INC-1 NOX (mg/nm³)(avg)	INC-1 O2 (%)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-1 TOC (mg/nm³)(avg)	INC-2 CO (mg/nm³)(avg)	INC-2 HCL (mg/nm³)(avg)	INC-2 HF (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 O2 (%)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)	INC-2 TOC (mg/nm³)(avg)
	00:00:00:000																
138	2024-08-16 00:00:00:000	0.0	0.0	0.0	0.25	19.65	23.0	0.0	0.0	0.54	0.0	0.0	0.0	20.15	0.0	0.0	0.0
139	2024-08-17 00:00:00:000	0.0	0.0	0.0	0.79	18.05	22.78	0.0	0.0	0.26	0.0	0.0	0.0	20.17	0.0	0.0	0.0
140	2024-08-18 00:00:00:000	0.0	0.0	0.0	0.18	17.99	23.09	0.0	0.0	0.04	0.0	0.0	0.0	20.18	0.0	0.0	0.0
141	2024-08-19 00:00:00:000	0.0	0.0	0.0	0.08	19.33	23.82	0.0	0.0	0.01	0.0	0.0	0.0	20.24	0.0	0.0	0.0
142	2024-08-20 00:00:00:000	0.0	0.0	0.0	0.0	12.62	23.97	0.0	0.0	0.26	0.0	0.0	0.0	20.24	0.0	0.0	0.0
143	2024-08-21 00:00:00:000	0.0	0.0	0.0	0.0	16.42	22.73	0.0	0.0	1.77	0.0	0.0	0.0	20.18	0.0	0.0	0.0
144	2024-08-22 00:00:00:000	0.0	0.0	0.0	0.0	12.84	22.85	0.0	0.0	2.06	0.0	0.0	0.0	20.14	0.0	0.0	0.0
145	2024-08-23 00:00:00:000	0.0	0.0	0.0	0.0	12.93	22.71	0.0	0.0	2.7	0.0	0.0	0.0	20.15	0.0	0.0	0.0
146	2024-08-24 00:00:	0.0	0.0	0.0	0.0	13.2	21.64	0.0	0.0	2.95	0.0	0.0	0.0	20.23	0.0	0.0	0.0

S.No.	Time	INC-1 CO (mg/nm³)(avg)	INC-1 HCL (mg/nm³)(avg)	INC-1 HF (mg/nm³)(avg)	INC-1 NOX (mg/nm³)(avg)	INC-1 O2 (%)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-1 TOC (mg/nm³)(avg)	INC-2 CO (mg/nm³)(avg)	INC-2 HCL (mg/nm³)(avg)	INC-2 HF (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 O2 (%)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)	INC-2 TOC (mg/nm³)(avg)
	00:000																
147	2024-08-25 00:00:00:000	0.0	0.0	0.0	0.01	12.78	20.98	0.0	0.0	2.71	0.0	0.0	0.0	20.47	0.0	0.0	0.0
148	2024-08-26 00:00:00:000	0.0	0.0	0.0	0.01	13.96	20.0	0.0	0.0	2.08	0.0	0.0	0.0	20.23	0.0	0.0	0.0
149	2024-08-27 00:00:00:000	0.0	0.0	0.0	0.15	12.03	20.23	0.0	0.0	1.23	0.0	0.0	0.0	20.03	0.0	0.0	0.0
150	2024-08-28 00:00:00:000	0.0	0.0	0.0	0.01	13.26	20.37	0.0	0.0	2.98	0.0	0.0	0.0	20.05	0.0	0.0	0.0
151	2024-08-29 00:00:00:000	0.0	0.0	0.0	0.0	11.15	21.86	0.0	0.0	2.89	0.0	0.0	0.0	20.03	0.0	0.0	0.0
152	2024-08-30 00:00:00:000	0.0	0.0	0.0	0.22	11.16	24.34	0.0	0.0	2.72	0.0	0.0	0.0	20.08	0.24	0.0	0.0
153	2024-08-31 00:00:00:000	0.0	1.44	0.0	0.07	10.75	24.92	0.0	0.0	4.14	0.0	0.0	0.0	20.09	0.5	0.0	0.0
154	2024-09-01 00:00:00:000	0.0	1.8	0.0	0.09	21.03	25.46	0.04	0.0	4.3	0.0	0.0	0.0	20.1	1.27	0.0	0.0
155	2024-09-02 00:00:00:000	0.0	0.0	0.0	0.19	14.68	25.47	0.06	0.0	5.15	0.0	0.0	0.0	20.09	1.32	0.0	0.0

S.No.	Time	INC-1 CO (mg/nm³)(avg)	INC-1 HCL (mg/nm³)(avg)	INC-1 HF (mg/nm³)(avg)	INC-1 NOX (mg/nm³)(avg)	INC-1 O2 (%)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-1 TOC (mg/nm³)(avg)	INC-2 CO (mg/nm³)(avg)	INC-2 HCL (mg/nm³)(avg)	INC-2 HF (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 O2 (%)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)	INC-2 TOC (mg/nm³)(avg)
156	2024-09-03 00:00:00:000	0.0	0.0	0.0	0.13	15.88	24.27	0.11	0.0	3.93	0.0	0.0	0.0	20.36	0.11	0.0	0.0
157	2024-09-04 00:00:00:000	0.0	0.92	0.0	0.12	19.57	28.44	0.09	0.0	4.85	0.0	0.0	0.0	20.45	0.0	0.0	0.0
158	2024-09-05 00:00:00:000	0.0	1.39	0.0	0.38	19.78	24.42	0.25	0.0	4.15	0.0	0.0	0.0	20.48	0.0	0.0	0.0
159	2024-09-06 00:00:00:000	0.0	0.26	0.0	0.01	19.9	24.34	0.15	0.0	5.56	0.0	0.0	0.0	20.75	0.0	0.0	0.0
160	2024-09-07 00:00:00:000	0.0	0.01	0.0	0.16	19.79	24.71	0.13	0.0	5.74	0.0	0.0	0.0	20.73	0.0	0.0	0.0
161	2024-09-08 00:00:00:000	0.0	0.13	0.0	0.0	19.71	24.96	0.17	0.0	5.45	0.0	0.0	0.0	20.66	0.0	0.0	0.0
162	2024-09-09 00:00:00:000	0.0	0.57	0.0	0.05	19.73	24.94	0.12	0.0	5.76	0.0	0.0	0.0	20.77	0.0	0.0	0.0
163	2024-09-10 00:00:00:000	0.0	0.0	0.0	0.47	19.71	24.88	0.17	0.0	4.88	0.0	0.0	0.0	20.83	0.0	0.0	0.0
164	2024-09-11 00:00:00:000	0.0	0.25	0.0	0.24	16.23	24.17	0.25	0.0	5.3	0.0	0.0	0.0	20.82	0.0	0.0	0.0
165	2024-	0.0	0.14	0.0	0.08	17.2	25.23	0.22	0.0	4.84	0.0	0.0	0.0	20.88	0.0	0.0	0.0

S.No.	Time	INC-1 CO (mg/nm³)(avg)	INC-1 HCL (mg/nm³)(avg)	INC-1 HF (mg/nm³)(avg)	INC-1 NOX (mg/nm³)(avg)	INC-1 O2 (%)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-1 TOC (mg/nm³)(avg)	INC-2 CO (mg/nm³)(avg)	INC-2 HCL (mg/nm³)(avg)	INC-2 HF (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 O2 (%)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)	INC-2 TOC (mg/nm³)(avg)
	09-12 00:00:00:000																
166	2024-09-13 00:00:00:000	0.0	1.48	0.0	0.26	11.65	26.26	0.11	0.0	2.96	0.0	0.0	0.0	20.83	0.0	0.0	0.0
167	2024-09-14 00:00:00:000	0.0	1.75	0.0	0.22	11.38	24.71	0.04	0.0	2.4	0.0	0.0	0.0	20.84	0.0	0.0	0.0
168	2024-09-15 00:00:00:000	0.0	1.01	0.0	0.04	13.19	24.91	0.11	0.0	2.32	0.0	0.0	0.0	20.82	0.0	0.0	0.0
169	2024-09-16 00:00:00:000	0.0	0.11	0.0	0.01	14.56	25.43	0.07	0.0	0.1	0.0	0.0	0.0	20.87	0.0	0.0	0.0
170	2024-09-17 00:00:00:000	0.0	0.94	0.0	0.0	15.49	25.55	0.08	0.0	0.28	0.0	0.0	0.0	20.85	0.0	0.0	0.0
171	2024-09-18 00:00:00:000	0.0	0.06	0.0	0.0	12.77	25.68	0.08	0.0	2.15	0.0	0.0	0.0	20.77	0.0	0.0	0.0
172	2024-09-19 00:00:00:000	0.0	0.0	0.01	0.01	12.53	26.15	0.12	0.0	1.79	0.0	0.0	0.0	20.78	0.0	0.0	0.0
173	2024-09-20 00:00:00:000	0.0	0.0	0.01	0.03	11.55	26.37	0.15	0.0	5.25	0.0	0.0	0.0	20.75	0.0	0.0	0.0
174	2024-09-21	0.0	0.0	0.0	0.01	11.81	26.29	0.13	0.0	5.92	0.0	0.0	0.0	20.75	0.0	0.0	0.0

S.No.	Time	INC-1 CO (mg/nm³)(avg)	INC-1 HCL (mg/nm³)(avg)	INC-1 HF (mg/nm³)(avg)	INC-1 NOX (mg/nm³)(avg)	INC-1 O2 (%)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-1 TOC (mg/nm³)(avg)	INC-2 CO (mg/nm³)(avg)	INC-2 HCL (mg/nm³)(avg)	INC-2 HF (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 O2 (%)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)	INC-2 TOC (mg/nm³)(avg)
	00:00:00:000																
175	2024-09-22 00:00:00:000	0.0	0.0	0.01	0.98	12.04	26.24	0.14	0.0	4.92	0.0	0.0	0.0	20.68	0.0	0.0	0.0
176	2024-09-23 00:00:00:000	0.0	0.0	0.0	0.28	20.46	12.37	0.15	0.0	5.76	0.0	0.0	0.0	20.0	13.76	0.0	0.0
177	2024-09-24 00:00:00:000	0.0	0.0	0.0	0.0	20.86	1.54	0.18	0.0	5.91	0.0	0.0	0.0	19.41	24.02	0.0	0.0
178	2024-09-25 00:00:00:000	0.0	0.0	0.0	0.0	21.3	0.57	0.2	0.0	5.12	0.0	0.0	0.0	19.47	23.23	0.0	0.0
179	2024-09-26 00:00:00:000	0.0	0.0	0.0	0.0	21.73	0.0	0.12	0.0	1.07	0.0	0.0	0.0	19.72	22.39	0.0	0.0
180	2024-09-27 00:00:00:000	0.0	0.0	0.0	0.0	21.67	0.0	0.17	0.0	1.09	0.0	0.0	0.0	20.14	21.99	0.0	0.0
181	2024-09-28 00:00:00:000	0.0	0.0	0.0	0.0	21.37	0.0	0.18	0.0	1.11	0.0	0.0	0.0	19.95	21.85	0.0	0.0
182	2024-09-29 00:00:00:000	0.0	0.0	0.0	0.0	21.43	0.0	0.16	0.0	1.22	0.0	0.0	0.0	19.71	21.47	0.0	0.0
183	2024-09-30 00:00:	0.0	0.0	0.0	0.01	21.71	0.0	0.24	0.0	1.45	0.0	0.0	0.0	19.59	21.13	0.0	0.0

S.No.	Time	INC-1 CO (mg/nm³)(avg)	INC-1 HCL (mg/nm³)(avg)	INC-1 HF (mg/nm³)(avg)	INC-1 NOX (mg/nm³)(avg)	INC-1 O2 (%)(avg)	INC-1 PM (mg/nm³)(avg)	INC-1 SO2 (mg/nm³)(avg)	INC-1 TOC (mg/nm³)(avg)	INC-2 CO (mg/nm³)(avg)	INC-2 HCL (mg/nm³)(avg)	INC-2 HF (mg/nm³)(avg)	INC-2 NOX (mg/nm³)(avg)	INC-2 O2 (%)(avg)	INC-2 PM (mg/nm³)(avg)	INC-2 SO2 (mg/nm³)(avg)	INC-2 TOC (mg/nm³)(avg)
	00:000																

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Environment Clearance of Proposed Expansion of Landfill (Phase IV) – BEIL Ankleshwar

Sr. No.	Address	Sign
1	Taluka Panchayat Office Ankleshwar	23/2/20
2	Jilla Panchayat Office, Bharuch	26/10/2020
3	Taluka Panchayat Office, Jhagadia	3/11/2020 રવાનગી કારકુન તાલુકા પંચાયત કચેરી, જગડીયા.
4	The Sarpanch Gram Panchayat - Gadkhol	શ્રી ગદખોલ ગ્રામ પંચાયત તા.અંકલેશ્વર VEC તા.૫/૧૧/૨૦૨૦ ગ્રા.પે.ગા.ક્લાર્ક
5	The Sarpanch Gram Panchayat - Dadhal	તલાટી કમ મંત્રી ગ્રામ પંચાયત દઢાલ તાલુકા. અંકલેશ્વર
6	The Sarpanch Gram Panchayat – Piraman, Piraman, Ankleshwar	તલાટી કમ મંત્રી
7	The Sarpanch Gram Panchayat – Kosamdi	02/11/2020 તલાટીકમ મંત્રી કોસમડી, તા. અંકલેશ્વર.
8	The Sarpanch Gram Panchayat – Kapodara	2/11/20

9	The Sarpanch Gram Panchayat – Bhadkodara	
10	The Sarpanch Gram Panchayat – Andada	
11	The Sarpanch Gram Panchayat – Jitali	
12	The Sarpanch Gram Panchayat – Sarangpur	તલાટી કમ મંત્રી સારંગપુર ગામ પંચાયત
13	Mr. Yogesh P. Pandya Safety Health and Environment Association	
14	Mr. Jayesh Patel Centre For Environment science and community,	
15	Manish Rana, Paryavaran Mitra	9909502981.
16	Ankleshwar Nagar Palika	

17	Notified Area Office, Ankleshwar	NOTIFIED AREA RECEIVED Dt. 29/11/2020
18	Notified Area Office, Panoli	29/10/2020
19	Notified Area Office, Jhagadia.	NOTIFIED AREA Dt. 03/11/2020
20	Collector District collector office, Bharuch	26/10/2020
21	The principle, Footwear Design & Development Institute	FDDI ANKLESHWAR IN WARD SL. No. 29/10/2020 DATE 29/10/2020 SIGNATURE S.K. Thakkar
22	The principle, P.S School, Jitali	29.10.22
23	The Principal Shree Gattu Vidyalaya, Ankleshwar	PRINCIPAL SHREE GATTU VIDYALAYA G.I.D.C. ANKLESHWAR.
24	The Principle, Smt Puspavati Devidas Shroff Sanskardeep Vidhyalaya Ankleshwar	PRINCIPAL SMT. PUSPAVATI DEVIDAS SHROFF SANSKARDEEP VIDYALAYA G.I.D.C., ANKLESHWAR

25	The Principle, Pioneer School, jitali	
26	The Principal Lions International Academy, Ankleshwar	
27	The Principal Lion School Ankleshwar	
28	The Principle Chanderbala Modi Academy, Ankleshwar	for Chanderbala Modi Academy Kosadi, Varia Road, Ankleshwar-393002
29	The Principle, R.B.L.P.S School, Ankleshwar	
30	Dr. A. K. Patel Ankleshwar	
31	Dr. Mahesh Mistry Ankleshwar	DR. M. M. MISTRY MBBS. C. III. BEIL INFRASTRUCTURE LTD. Site : Plot No.9701-9716, G.I.D.C. Estate, Ankleshwar -393 002, Dist. Bharuch.
32	Administration Office, ESIC Hospital	29/10/2020

33	Smt. Jayaben Modi Hospital	Dr. DARSHANA P. JOSHI MBBS, CIH, O-20216 INDUSTRIAL PHYSICIAN Smt. Jayaben Mody Hospital GIDC, Ankleshwar.

Parameter Report

BEIL Infrastructure Limited

Generated On	2024-11-06 15:27:32	**Generated By**	bhavin.modi@beil.co.in
Period	2024-04-01 00:00:00 - 2024-09-30 15:25:00	**Station Type**	CEMS
Stations	SPD-STACK	**Parameters**	NOX,SO2,PM

S.No.	Time	SPD-STACK NOX (ppm)(avg)	SPD-STACK PM (mg/m³)(avg)	SPD-STACK SO2 (ppm)(avg)
1	2024-04-01 00:00:00:000	N/A	20.13	0.0
2	2024-04-02 00:00:00:000	N/A	18.43	0.0
3	2024-04-03 00:00:00:000	N/A	21.86	0.0
4	2024-04-04 00:00:00:000	N/A	21.23	0.0
5	2024-04-05 00:00:00:000	N/A	20.33	0.0
6	2024-04-06 00:00:00:000	N/A	19.12	0.0
7	2024-04-07 00:00:00:000	N/A	25.15	0.0
8	2024-04-08 00:00:00:000	N/A	21.41	0.0
9	2024-04-09 00:00:00:000	N/A	25.12	0.0
10	2024-04-10 00:00:00:000	N/A	34.38	0.0
11	2024-04-11 00:00:00:000	0.0	31.9	0.0
12	2024-04-12 00:00:00:000	0.0	34.46	N/A
13	2024-04-13 00:00:00:000	0.0	32.24	N/A
14	2024-04-14 00:00:00:000	0.0	23.73	N/A
15	2024-04-15 00:00:00:000	0.0	35.23	N/A
16	2024-04-16 00:00:00:000	0.0	39.47	N/A
17	2024-04-17 00:00:00:000	0.0	39.8	N/A
18	2024-04-18 00:00:00:000	0.0	39.72	N/A
19	2024-04-19 00:00:00:000	0.0	37.95	N/A
20	2024-04-20 00:00:00:000	0.0	35.38	N/A
21	2024-04-21 00:00:00:000	0.0	35.78	N/A

S.No.	Time	SPD-STACK NOX (ppm)(avg)	SPD-STACK PM (mg/m³)(avg)	SPD-STACK SO2 (ppm)(avg)
22	2024-04-22 00:00:00:000	0.0	40.6	N/A
23	2024-04-23 00:00:00:000	0.0	47.99	N/A
24	2024-04-24 00:00:00:000	0.0	46.18	N/A
25	2024-04-25 00:00:00:000	0.0	22.81	N/A
26	2024-04-26 00:00:00:000	0.0	36.98	N/A
27	2024-04-27 00:00:00:000	0.0	36.8	N/A
28	2024-04-28 00:00:00:000	0.0	33.31	N/A
29	2024-04-29 00:00:00:000	0.0	33.68	N/A
30	2024-04-30 00:00:00:000	0.0	11.45	N/A
31	2024-05-01 00:00:00:000	0.0	2.49	N/A
32	2024-05-02 00:00:00:000	0.0	2.49	N/A
33	2024-05-03 00:00:00:000	0.0	2.11	N/A
34	2024-05-04 00:00:00:000	0.0	16.05	N/A
35	2024-05-05 00:00:00:000	0.0	18.29	N/A
36	2024-05-06 00:00:00:000	0.0	25.94	N/A
37	2024-05-07 00:00:00:000	0.0	24.78	N/A
38	2024-05-08 00:00:00:000	0.0	23.21	N/A
39	2024-05-09 00:00:00:000	0.0	24.2	N/A
40	2024-05-10 00:00:00:000	0.0	22.18	N/A
41	2024-05-11 00:00:00:000	0.0	44.08	N/A
42	2024-05-12 00:00:00:000	0.0	45.87	N/A
43	2024-05-13 00:00:00:000	0.0	46.73	N/A
44	2024-05-14 00:00:00:000	0.0	48.23	N/A
45	2024-05-15 00:00:00:000	0.0	45.12	N/A
46	2024-05-16 00:00:00:000	0.0	42.19	N/A
47	2024-05-17 00:00:00:000	0.0	30.33	N/A
48	2024-05-18 00:00:00:000	0.0	33.41	N/A

S.No.	Time	SPD-STACK NOX (ppm)(avg)	SPD-STACK PM (mg/m³)(avg)	SPD-STACK SO2 (ppm)(avg)
49	2024-05-19 00:00:00:000	0.73	32.96	N/A
50	2024-05-20 00:00:00:000	0.0	33.36	N/A
51	2024-05-21 00:00:00:000	0.0	12.77	N/A
52	2024-05-22 00:00:00:000	2.54	17.79	N/A
53	2024-05-23 00:00:00:000	2.87	25.47	N/A
54	2024-05-24 00:00:00:000	0.0	29.64	N/A
55	2024-05-25 00:00:00:000	0.0	32.01	N/A
56	2024-05-26 00:00:00:000	0.0	28.65	N/A
57	2024-05-27 00:00:00:000	0.0	17.22	0.0
58	2024-05-28 00:00:00:000	0.0	34.58	0.0
59	2024-05-29 00:00:00:000	0.0	30.02	0.0
60	2024-05-30 00:00:00:000	0.0	13.65	0.0
61	2024-05-31 00:00:00:000	0.0	29.3	0.0
62	2024-06-01 00:00:00:000	0.0	33.59	0.0
63	2024-06-02 00:00:00:000	0.0	32.24	0.0
64	2024-06-03 00:00:00:000	0.0	25.16	0.0
65	2024-06-04 00:00:00:000	0.0	24.15	0.0
66	2024-06-05 00:00:00:000	0.0	31.09	0.0
67	2024-06-06 00:00:00:000	0.0	34.13	0.0
68	2024-06-07 00:00:00:000	0.0	34.84	0.0
69	2024-06-08 00:00:00:000	0.0	34.91	0.0
70	2024-06-09 00:00:00:000	0.0	40.14	0.0
71	2024-06-10 00:00:00:000	0.0	27.15	0.0
72	2024-06-11 00:00:00:000	0.0	32.11	0.0
73	2024-06-12 00:00:00:000	0.0	31.82	0.0
74	2024-06-13 00:00:00:000	0.0	26.2	0.0
75	2024-06-14 00:00:00:000	0.0	30.86	0.0

S.No.	Time	SPD-STACK NOX (ppm)(avg)	SPD-STACK PM (mg/m³)(avg)	SPD-STACK SO2 (ppm)(avg)
76	2024-06-15 00:00:00:000	0.0	30.51	0.0
77	2024-06-16 00:00:00:000	0.0	31.08	0.0
78	2024-06-17 00:00:00:000	0.0	28.7	0.0
79	2024-06-18 00:00:00:000	0.0	37.13	0.0
80	2024-06-19 00:00:00:000	0.0	37.89	0.0
81	2024-06-20 00:00:00:000	0.0	37.36	0.0
82	2024-06-21 00:00:00:000	0.0	36.85	0.0
83	2024-06-22 00:00:00:000	0.0	33.54	0.0
84	2024-06-23 00:00:00:000	0.0	27.12	0.0
85	2024-06-24 00:00:00:000	0.0	33.65	0.0
86	2024-06-25 00:00:00:000	0.0	35.27	0.0
87	2024-06-26 00:00:00:000	0.0	34.35	0.0
88	2024-06-27 00:00:00:000	0.0	35.23	0.0
89	2024-06-28 00:00:00:000	0.0	31.8	0.0
90	2024-06-29 00:00:00:000	0.0	23.72	0.0
91	2024-06-30 00:00:00:000	0.0	24.72	0.0
92	2024-07-01 00:00:00:000	0.0	24.15	0.0
93	2024-07-02 00:00:00:000	0.0	26.32	0.0
94	2024-07-03 00:00:00:000	0.0	24.61	0.0
95	2024-07-04 00:00:00:000	0.0	22.26	0.0
96	2024-07-05 00:00:00:000	0.0	24.13	0.0
97	2024-07-06 00:00:00:000	0.0	23.89	0.0
98	2024-07-07 00:00:00:000	0.0	26.44	0.0
99	2024-07-08 00:00:00:000	0.0	34.35	0.0
100	2024-07-09 00:00:00:000	0.0	9.62	0.0
101	2024-07-10 00:00:00:000	0.0	14.57	0.0
102	2024-07-11 00:00:00:000	0.0	15.06	0.0

S.No.	Time	SPD-STACK NOX (ppm)(avg)	SPD-STACK PM (mg/m³)(avg)	SPD-STACK SO2 (ppm)(avg)
103	2024-07-12 00:00:00:000	0.0	16.85	0.0
104	2024-07-13 00:00:00:000	0.0	23.96	0.0
105	2024-07-14 00:00:00:000	0.0	32.6	0.0
106	2024-07-15 00:00:00:000	0.0	32.41	0.0
107	2024-07-16 00:00:00:000	0.0	32.54	0.0
108	2024-07-17 00:00:00:000	0.0	32.58	0.0
109	2024-07-18 00:00:00:000	0.0	32.22	0.07
110	2024-07-19 00:00:00:000	9.02	31.79	0.0
111	2024-07-20 00:00:00:000	7.97	31.53	0.0
112	2024-07-21 00:00:00:000	7.64	31.82	0.0
113	2024-07-22 00:00:00:000	8.2	37.63	0.0
114	2024-07-23 00:00:00:000	8.04	25.24	0.0
115	2024-07-24 00:00:00:000	10.83	33.81	0.0
116	2024-07-25 00:00:00:000	11.05	27.02	0.0
117	2024-07-26 00:00:00:000	11.97	30.44	0.0
118	2024-07-27 00:00:00:000	17.61	26.62	0.0
119	2024-07-28 00:00:00:000	17.42	29.08	0.0
120	2024-07-29 00:00:00:000	12.82	31.16	0.0
121	2024-07-30 00:00:00:000	12.59	25.85	0.0
122	2024-07-31 00:00:00:000	14.25	15.71	0.0
123	2024-08-01 00:00:00:000	8.66	2.42	0.0
124	2024-08-02 00:00:00:000	5.91	2.84	0.0
125	2024-08-03 00:00:00:000	28.6	4.93	0.0
126	2024-08-04 00:00:00:000	27.07	27.45	0.0
127	2024-08-05 00:00:00:000	31.83	38.41	0.0
128	2024-08-06 00:00:00:000	49.38	40.37	0.0
129	2024-08-07 00:00:00:000	54.9	37.57	0.0

S.No.	Time	SPD-STACK NOX (ppm)(avg)	SPD-STACK PM (mg/m³)(avg)	SPD-STACK SO2 (ppm)(avg)
130	2024-08-08 00:00:00:000	54.28	33.52	0.0
131	2024-08-09 00:00:00:000	92.73	33.75	0.0
132	2024-08-10 00:00:00:000	22.34	32.46	0.0
133	2024-08-11 00:00:00:000	24.17	33.33	0.0
134	2024-08-12 00:00:00:000	10.05	35.33	0.0
135	2024-08-13 00:00:00:000	19.21	34.1	0.0
136	2024-08-14 00:00:00:000	24.91	39.05	0.0
137	2024-08-15 00:00:00:000	25.3	39.61	0.0
138	2024-08-16 00:00:00:000	25.13	42.32	0.0
139	2024-08-17 00:00:00:000	21.65	41.23	0.0
140	2024-08-18 00:00:00:000	44.17	41.2	0.0
141	2024-08-19 00:00:00:000	5980.63	41.33	0.0
142	2024-08-20 00:00:00:000	32.2	41.65	0.0
143	2024-08-21 00:00:00:000	28.04	21.67	0.0
144	2024-08-22 00:00:00:000	48.31	38.36	0.0
145	2024-08-23 00:00:00:000	19.22	40.26	0.0
146	2024-08-24 00:00:00:000	13.22	42.94	0.0
147	2024-08-25 00:00:00:000	5.56	43.94	0.0
148	2024-08-26 00:00:00:000	3.79	41.94	0.0
149	2024-08-27 00:00:00:000	20.46	41.29	0.0
150	2024-08-28 00:00:00:000	13.16	41.36	0.0
151	2024-08-29 00:00:00:000	24.33	41.51	0.0
152	2024-08-30 00:00:00:000	30.09	41.34	0.0
153	2024-08-31 00:00:00:000	7.29	43.67	0.0
154	2024-09-01 00:00:00:000	0.0	43.54	0.0
155	2024-09-02 00:00:00:000	0.0	44.47	0.0
156	2024-09-03 00:00:00:000	0.0	43.88	0.0

S.No.	Time	SPD-STACK NOX (ppm)(avg)	SPD-STACK PM (mg/m³)(avg)	SPD-STACK SO2 (ppm)(avg)
157	2024-09-04 00:00:00:000	0.0	44.41	0.0
158	2024-09-05 00:00:00:000	0.0	37.79	0.0
159	2024-09-06 00:00:00:000	0.0	35.36	0.0
160	2024-09-07 00:00:00:000	0.0	41.89	0.0
161	2024-09-08 00:00:00:000	0.11	41.46	0.0
162	2024-09-09 00:00:00:000	0.0	42.48	0.0
163	2024-09-10 00:00:00:000	0.0	42.66	0.0
164	2024-09-11 00:00:00:000	0.0	38.46	0.0
165	2024-09-12 00:00:00:000	0.0	44.04	0.0
166	2024-09-13 00:00:00:000	0.0	45.07	0.0
167	2024-09-14 00:00:00:000	0.0	43.34	0.0
168	2024-09-15 00:00:00:000	0.0	44.31	0.0
169	2024-09-16 00:00:00:000	0.0	31.03	0.0
170	2024-09-17 00:00:00:000	0.0	31.26	0.0
171	2024-09-18 00:00:00:000	0.0	43.44	0.0
172	2024-09-19 00:00:00:000	0.0	45.15	0.0
173	2024-09-20 00:00:00:000	0.0	47.75	0.0
174	2024-09-21 00:00:00:000	0.0	47.52	0.0
175	2024-09-22 00:00:00:000	0.0	47.52	0.0
176	2024-09-23 00:00:00:000	0.0	48.83	0.0
177	2024-09-24 00:00:00:000	0.0	35.35	0.0
178	2024-09-30 00:00:00:000	0.0	29.79	0.0

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