O/C.

BEIL INFRASTRUCTURE LIMITED

Ref.: BEIL/ANK/2026-27/13

Date: 29.05.2026
XGN ID: 14983

RECEIVED
G. P. C. Board
R. O. Ankleshwar
Date 29/05/2026

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 October'25 to March'26.

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'25 to September'25 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 01.10.2025 to 31.03.2026)	169273.904 MT
Cumulative quantity disposed of landfill from the beginning (up to 31.03.2026)	47,90,185.406 MT

Incinerable waste details are as follows:

Incinerable Waste Receipt	
Incinerable Waste Received (During 01.10.2025 to 31.03.2026)	31,118.215 MT
Cumulative quantity from the beginning Up to 31.03.2026	6,40,712.556 MT
Incinerated Waste Details	
Incinerated Waste Qty. (During 01.10.2025 to 31.03.2026)	0 MT
Cumulative quantity incinerated of Incineration-1 & 2 from the beginning (Up to 31.03.2026)	3,32,029.040 MT

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Cumulative quantity incinerated of Incineration-1 & 2 from the beginning (Up to 31.03.2026)	3,32,029.040 MT

Pre-processing details are as follows:

Pre-processed (During 01.10.2025 to 31.03.2026)	34,307.65 MT
Cumulative quantity of waste sends for Pre-processing from beginning to 31.03.2026	3,02,800.506 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.

BEIL's Commitment Towards Sustainability and Environmental Excellence:

- BEIL has published its Sustainability Report in accordance with GRI Standards. Further, BEIL achieved the 2nd ranking in India in its sector under the DJSI Rating.

- . BEIL has installed solar panels with a total capacity of 2.7 MW over the capped portion of the landfill site. Power generation commenced from November'25 and generation up to March'26 is 1629180 KWH, and the electricity generated is being supplied to the DGVCL grid.

- National Productivity Council (NPC), New Delhi is carrying out an Environmental Audit of the facility as per CPCB guidelines.

- NEERI is currently conducting Hydrogeological Studies for the 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

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-closure maintenance 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 system is 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 member Industries 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 have 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 for further treatment. In the event of a shutdown or maintenance of the MEE at **M/s BEIL, Ankleshwar**, the leachate/effluent will be redirected sent to the **M/s ETL** for further treatment and disposal. • Adequate nos. of vents have been provided for gas monitoring. • 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 sheds. It also has the same side and base lines system provided with roof. The 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 of surface water.
	4. Leachate Management: - Offsite Treatment - Onsite Treatment - Recirculation	**Complied.** Leachate collection wells (6 for Phase I, 7 for Phase II and 3 for Phase III) have 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 is closed (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- II is Partially closed & capped. • 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 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 is closed (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- II is Partially closed & capped. • 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, and 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 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 an onsite emergency plan, which is updated on a yearly basis and submitted to GPCB, RO.

Annexure-03

भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन, नदी विकास
और गंगा संरक्षण विभाग
केन्द्रीय भूमि जल प्राधिकरण
Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)
NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	Beil Infrastructure Limited		
Project Address:	Plot No.9701-16, Gidc Industrial Estate		
Town:	Anklesvar (ina)	Block:	Anklesvar
District:	Bharuch	State:	Gujarat
Pin Code:			
Communication Address:	Plot No. 9701-16, Gidc Industrial Estate, Anklesvar, Bharuch, Gujarat - 393002		
Address of CGWB Regional Office :	Central Ground Water Board West Central Region, Opp Chanakyapuri Sector-3 Near Swastik Bunglows,, Part-1, R.c. Technical Road,, Ghatlodiya, Ahmedabad, Ahmedabad, Gujarat - 380061		

1.	**NOC No.:**	CGWA/NOC/IND/REN/1/2025/10963	2.	**Date of Issuence**	27/02/2025
3.	Application No.:	21-4/5672/GJ/IND/2020	4.	Category: (GWRE 2024)	Safe
5.	Project Status:	Existing Ground Water	6.	NOC Type:	Renewal
7.	**Valid from:**	10/02/2024	8.	**Valid up to:**	09/02/2027

9. Ground Water Abstraction Permitted:

Fresh Water		Saline Water		Dewatering		Total	
m³/day	m³/year	m³/day	m³/year	m³/day	m³/year	m³/day	m³/year
421.00	153665.00					421.00	153665.00

10. Details of ground water abstraction /Dewatering structures

	Total Existing No						Total Proposed No					
	DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu
Abstraction Structure*	0	0	1	0	0	0	0	0	0	0	0	0

*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps

11.	Ground Water Abstraction/Restoration Charges paid (Rs.):	453836.00
12.	Environment Compensation (if applicable) paid (Rs.):	0.00

13.	Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.	No. of Piezometers	Monitoring Mechanism		
			Manual	DWLR**	DWLR With Telemetry
	**DWLR - Digital Water Level Recorder	1	0	1	0

(Compliance Conditions given overleaf)

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011
Phone: (011) 23383561 Fax: 23382051, 23386743
Website: cgwa-noc.gov.in

पानी बचाये – जीवन बचाये
SAVE WATER - SAVE LIFE

CENTRAL GROUND WATER AUTHORITY

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011
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Phone: (011) 23383561 Fax: 23382051, 23386743
Website: cgwa-noc.gov.in

Validity of this NOC shall be subject to compliance of the following conditions:

Mandatory conditions:

1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.

2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.

3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.

4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.

5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.

6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.

7) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.

8) Industries abstracting ground water in excess of 100 m 3 /d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.

9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.

10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable.

General conditions:

11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).

12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).

13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.

14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.

15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.

16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.

17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.

18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.

19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.

20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.

21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.

22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.

23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.

24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.

25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.

26) In case of new infrastructure projects having ground water abstraction of more than 20 m3/day, the firm/entity shall ensure implementation of dual water supply system in the projects.

27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.

28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.

29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).
31) In the self-compliance report, the PP shall submit details of Drilling Agency/ Agencies, which has/ have constructed BW(s)/ TW(s) along with undertaking to the effect that all necessary measures have been taken as per directions of Hon'ble Supreme Court provided in Annexure-VII of guidelines dated 24.09.2020 in respect of abandoned/ failed BW(s)/ TW(s)/Piezometer(s), if any. The PP is advised to engage registered drilling agency/ agencies. In the event of any mishap/ unfortunate incident due to negligence in taking measures for prevention of accident due to falling in Bore Well, both PP and concerned drilling agency shall jointly be held responsible and penal action as per extant Government rules shall be taken.

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)

CENTRAL GROUND WATER AUTHORITY

CENTRAL GROUND WATER AUTHORITY

Department of Water Resources, River Development and Ganga Rejuvenation
Ministry of Jal Shakti, Govt. of India

Receipt

(As per the guideline Gazette Notification S.O. 3281(E) regarding the New Guidelines dated 24.09.2020 of CGWA, MoJS, Govt. of India)
https://cgwa-noc.gov.in

Application No,:	21-4/5672/GJ/IND/2020	Date of Issuence:27/02/2025
Name of Firm:	BEIL INFRASTRUCTURE LIMITED	
AppType Category:	*Waste Management*	
Application Type:	*Industrial*	
PAN/GSTIN No. of Firm/Individual:	/	

SN	Description	Amount (Rs.)
1.	Application Processing Fee	**5000.00**
2.	Ground Water Abstraction charges	**453836.00**
3.	Ground Water Restoration charges	**0**
4.	Environmental Compensation Charges (ECRGW) *(Date From to) Days-*	
5.	Penalty for non-Compliance of NOC conditions *Condition to be mentioned*	**200000.00**
6.	Adjustment Charges	
7.	Rebate	
8.	Charges for correction/modification in the existing issued No Objection Certificate	

S.No.	Description	Rate
(i)	Change in User ID	Rs. 1000
(ii)	Change in firm Name	Rs. 5000
(iii)	Extension of No Objection Certificate	Rs. 5000
(iv)	Issuance of duplicate No Objection Certificate	Rs. 5000
(v)	Issuance of corrigendum to No Objection Certificate	Rs. 5000
(vi)	Any other items/correction etc.	Rs. 500

Rs. Rupees Six Lakh Fifty Eight Thousand Eight Hundred Thirty Six Only	**658836.00**

This is an system generated invoice, hence, does not require ink signed.

CENTRAL GROUND WATER AUTHORITY

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011
Phone: (011) 23383561 Fax: 23382051, 23386743
Website: cgwa-noc.gov.in

Term and conditions:

i. All disputes are subject to Delhi Jurisdiction.
ii. Any complaint in regard to the rates will not be entertained.

Member-Secretary
CGWA, New Delhi

CENTRAL GROUND WATER AUTHORITY

GPCB

GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN, SECTOR 10-A,
GANDHINAGAR - 382010,
(T) 079-23232152

BY R.P.A.D

In exercise of the power conferred under section-25 of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution)-1981 and Authorization under rule 6(2) of the Hazardous and Other Waste (Management and Transboundary Movement) Rules 2016 & as amended from time to time framed under the Environment (Protection) Act-1986.

And whereas Board has received consolidated consent application Inward **I.D No. 256827** dated **19/08/2022** for the renewal cum amendment in Consolidated Consent and Authorization (CC&A) of this Board and under the provisions/rules of the aforesaid acts. Consents & Authorization are hereby granted as under.

CONSENTS AND AUTHORISATION:
(Under the provisions /rules of the aforesaid environmental acts)

To,
M/s. BEIL Infrastructure Ltd,
Plot No. 9701-9716, 9801-9828, 9901-9906, 9923-9928, 9601-9604,
10001-10003, G-7&8, 7924-7927, 9401-9412, 9501-9506,
7905 E to H, GIDC Estate,
Ankleshwar-393002, Dist: Bharuch.

1. <u>CONSENT ORDER NO: AWH – 126148, DATE OF ISSUE 08/05/2023</u>

The consent under Water Act-1974, Air act-1981 and Hazardous and Other Wastes (M&TM) Rules-2016 shall be valid up to 31/07/2027 at Plot No. 9701-9716, 9801-9828, 9901-9906, 9923-9928, 9601-9604, 10001-10003, G-7&8, 7924-7927, 9401-9412, 9501-9506, 7905 E to H, GIDC Estate, Ankleshwar-393002, Dist: Bharuch for the following facility.

Sr. No.	Product	Capacity
1.	Common secured landfill site (TSDF)	Cell 1 & 2 : 23,00,000 MT [Closed and capped] Cell 3 : 14,58,000 MT [Operational] Phase IV-Cell A : 3,60,000 Lakh MT [Operational]
2.	Incineration Facility along with heat recovery system	1) Incinerator 1 - 6.5 Million Kcal/Hr (60 MLD) 2) Incinerator 2 6.5 Million Kcal/Hr (60 MLD)
3.	Multi Effective Evaporator System (Integrated with incinerator)	15 MT/Hr
4.	Plastic Granules (Recyclable)	75 MT/Month
5.	Processing of plastic waste to reuse as RDF	100 MT/Month
6.	Drum Decontamination and disposal System	1,08,000 Nos/Year
7	Pre-Processing facility	Waste mix Liquid 16,000 MTPA Waste mix Solid 10,000 MTPA

Outward No: 7608501 Dt: 08/08/2023

8	E-Waste Collection, Storage, Transportation. dismantling and Recycling	700 MTPA

2. SUBJECT TO THE FOLLOWING SPECIFIC CONDITIONS

2.1 Unit shall strictly comply with all the conditions mentioned in the Environment Clearance granted by Ministry of Environment & Forest vide bearing no. 10-48/2007-IA-III dt.04/03/2008, no.10-10/2014-IA.III dt.31/12/2015, dt.01/08/2017, dt.16/04/2018, dt.18/09/2020, No. F.No.10-25/2019-IA-III dt.15/10/2020 and F.No.10-10/2014-IA.III dt.18/11/2021.

2.2 Unit shall comply with all the recommendations, suggestions and Environmental stipulations given by Hon. Supreme Court of India, Ministry of Environment, Forests and Climate Change, New Delhi, Central Pollution Control Board and Gujarat Pollution Control Board from time to time.

2.3 Unit shall strictly adhere and comply with the Guidelines/Manuals published by the relevant authorities for Construction and safe operation of the Hazardous Waste TSDF/Incineration systems like (a) Criteria for Landfills (b) Manual for design, construction and quality control of liners and covers of Hazardous Waste Landfills (c) Guideline for proper functioning and upkeep of disposal site (d) Guideline for transportation of Hazardous Waste (e) Guideline for setting up of operating facility (f) Guideline for Hazardous waste Incinerator etc., along with the instruction and stipulation issued time to time for the safe handling, construction and operating of Hazardous Waste TSDF/Incineration Sites.

2.4 In case of deviation or alteration in the project including the implementing agency, a fresh reference shall be made to GPCB and MoEF&CC, New Delhi for modification in the Clearance conditions or imposition of new one for ensuring environmental protection. The project proponent shall be responsible for implementing the suggested safe guards.

2.5 Unit shall have to follow the Guideline for Transportation, Storage, Handling and Labelling of Hazardous Waste published by CPCB.

2.6 Unit shall have to take all the precautions to control fugitive emission and Odour control from the different operations of your site as per the Guideline of CPCB.

2.7 Unit shall make necessary arrangement for online monitoring of below shown parameter online and display it online on XGN.

Sr No	Air Emission Parameter	Water parameter at outlet of ETP
1	Flow of emission	Flow of outlet
2	SOx	pH
3	NOx	TOC or COD
4	Particulate Matter (PM)	Ammonical nitrogen

2.8 The project proponent shall use Hazardous waste tracking system of Xtended Green Node (XGN) for on line real time data updation on Transportation of Hazardous waste by them. The compilation of real time data for preparing online manifest by the generator, Transporter and receptor shall have to be maintained on daily basis & submitted by the generator and receptor of the facility to the concern Regional Office of GPCB and Head Office GPCB.

Outward No: 15889/14/08/2023

2.9 The project proponent shall transport Hazardous waste through authorized dedicated Vehicles with GPS (Global Positioning System) enabled mounted truck "AIS 140 compliant" system and in line with Hazardous and Other Waste (M &TM) Rules-2016.

2.10 Unit shall develop green belt all along the periphery of the TSDF as per the CPCB guidelines with plant species that are significant and used for the pollution abatement. Drip irrigation system shall be used for the green belt for optimum utilization of the water resources.

2.11 In no circumstances, Waste Water containing odorous compounds, VOCs and Ammonical nitrogen shall be evaporated in spray dryer.

2.12 Unit shall comply all condition of "Guidelines for Pre-Processing and Co-Processing of Hazardous and other Wastes in Cement Plant as per HOWM Rules 2016" published by CPCB.

2.13 Unit shall maintain and submit monthly inventory of hazardous & non-Hazardous waste i.e. Quantity, type of waste etc. utilize for preparation of co-processing blend.

2.14 Unit shall send their pre-processed waste as per waste blend characteristic approved by CPCB to cement industries only.

2.15 Unit shall comply with the CPCB guideline "Guidelines for Environmentally Sound Management of E-Waste".

2.16 Unit shall provide at least two stage scrubbing system of appropriate media for the control of the process gas emission.

2.17 Unit shall install CEMS (as per CPCB guidelines for relevant parameters) which shall be connected with GPCB/CPCB server to the Stacks provided with Common Multiple Effect Evaporator (CMEE), Common Spray Dryer, Common incinerator etc.

2.18 Unit shall take adequate measures to control odour nuisance from the industrial activities which may include measures like- use of masking agent with atomizer system (water curtain), closed / automatic material handling system, containment of the odour vulnerable areas etc.

2.19 Unit shall not use Pet-coke, furnace oil, LSHS as a fuel.

2.20 Unit shall provide Wall to Wall carpeting in vehicle movement areas within premises to avoid dusting.

2.21 Unit shall comply with additional condition for CPA/SPA areas as per GPCB office order dated: 11/11/2019.

[A] Additional conditions under Air Act:

a) Unit shall adhere to stringent air pollutants standards i.e. 80 % of existing flue gas and process emission standards in the CPA.

Parameters	Flue gas Emission Standards	
	Existing	Revised norms (80% of Existing)
PM	150 mg/Nm3	120 mg/Nm3
SO2	100 PPM	80 PPM
NOx	50 PPM	40 PPM

Outward No:750850, 14/08/2023

Process gas Emission Standards		
Parameters	**Existing**	**Revised norms (80% of Existing)**
HCL	20 mg/Nm3	16 mg/Nm3
SO2	40 mg/Nm3	32 mg/Nm3
NOx	25 mg/Nm3	20 mg/Nm3
Ammonia	175 mg/Nm3	140 mg/Nm3

b) Following air pollution control measures shall be provided for the flue gas emission sources like Boiler, Thermic Fluid Heaters etc. (As Applicable) (For solid fuel based utilities)

Stipulated APCM in Red category industrial units of CPA	
Steam generation capacity (in TPH)	**Type of APCM**
Less than 1	Multi Cyclone
1 to <3	Multi Cyclone + Water Scrubber
3 to <6	Bag filter + Water Scrubber
> 6	ESP + Water Scrubber

c) Unit shall provide at least two stage scrubbing system of appropriate media for the control of the process gas emission.

d) Unit shall install and commission Continuous Emission Monitoring System- CEMS (as per CPCB guidelines for relevant parameters) which shall be connected with GPCB/ CPCB server (In case of large and medium red category industries)

e) All common facilities shall install CEMS (as per CPCB guidelines for relevant parameters) which shall be connected with GPCB/CPCB server to the Stacks provided with Common Multiple Effect Evaporator (CMEE), Common Spray Dryer, Common incinerator etc.

f) The unit shall adhere to Sector specific guidelines/ SOP published by GPCB / CPCB from time to time for effective fugitive emission control. (like guidelines for: Stone crushing units, Coal handling units, spent solvent handling and management, spent acid management, Decontamination of drums, containers etc.)

g) Unit shall take adequate measures to control odour nuisance from the industrial activities which may include measures like- use of masking agent with atomizer system (water curtain), closed / automatic material handling system, containment of the odour vulnerable areas etc.

h) Unit shall not use Pet-coke, furnace oil, LSHS as a fuel.

i) Unit shall adopt sectoral Best Available Technology-BAT (Like Use of Induction Furnace, Electric Arc Furnace instead of Cupola furnace in foundry industry, Caustic Recovery System in Cotton Textile units etc.)

j) Unit shall provide green belt of 40% of the plot area, using concept of the social forestry and development of green belt outside project premises in adjacent areas.

k) Unit shall provide Wall to Wall carpeting in vehicle movement areas within premises to avoid dusting.

Outward No:7508[illegible]/1410/2023

[B] Additional conditions under the Water Act:

a) Unit shall only use treated effluent for preparation of lime and other slurry in ETP. No fresh water shall be utilized in ETP.
b) In the case, if the Industry is not a member of CETP and domestic waste water generation is more than 10 KLPD, industry shall install STP of adequate capacity and treated sewage shall be reused / recycled to the maximum extent.
c) In case of Large and Medium Red Category industry, the unit shall install system for continuous monitoring of effluent quality / quantity as per CPCB guidelines for relevant parameters (like pH, Flow, Temperature, TOC/COD, NH3-N etc.) and shall be connected to GPCB server. In case, if the industry is a member of CETP, unit shall install flow meter.
d) If the water consumption of the unit is more than 50 KLPD, Unit shall submit detailed water harvesting plan (off site).
e) The unit shall explore Techno-Economic feasibility of Zero Liquid Discharge (ZLD) and if feasible, ZLD should be adopted.

[C] Additional conditions under the Hazardous Waste Management Rules:

a) Unit shall strictly carry out handling, storage and disposal of fly-ash, slag, red-mud, de-inking sludge etc. (High Volume- Low Effect Wastes) as per prevailing guidelines and its disposal at designated locations approved by the Board.
b) Industry shall dispose its hazardous wastes through co-processing, pre-processing to the extent possible prior its disposal to incineration/ landfill as per provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
c) Industry shall strictly comply with all the measures specified in guidelines for spent solvent management, spent acid management, and other guidelines/directions published from time to time by GPCB and/or CPCB, etc.
d) Unit shall carry out transportation of hazardous wastes through GPS mounted vehicles only.

[D] Other General Conditions:

a) Unit shall submit report of compliance of the conditions of EC every year to the Board prepared by third party.
b) Unit shall enhance CER fund allocation to at least 1.5 times the slabs given in the OM dated 01.05.2018 for SPA and 2 times for CPA in case of Environmental Clearance.

3. CONDITION UNDER WATER ACT 1974

3.1 Total water consumption (743.4 KL/Day) shall not exceed following category wise utilization:

Sr. No	Purpose	Quantity
1	Domestic	26 KLPD
2	Gardening	83 KLPD
3	Industrial	634.4 KLPD

3.2 Industrial waste water generated from leachate, drum decontamination, tanker decontamination, tyre washing, laboratory, scrubber bleed water, washing, MEE condensate

Outward No: 750850, 14/08/2023

shall not be used directly for the processes like quenching, cooling by which there are possibility of generation of odour, VOC emission. Specific records shall be maintained for generation of trade effluent and its management.

3.3 The generation and discharge of industrial effluent from the common facilities and other related operations of the site shall not exceed 444.5 KL/day out of which 144.5 KL/day waste water generation from bleed liquor, landfill site, scrubber & waste heat recovery boiler shall be treated into MEE plant or incinerator facility and remaining 300 KL/day waste water shall be treated in MEE plant and/or sent to M/s ETL for treatment & disposal. In case of shut down/maintenance of MEE of M/s BEIL, Ankleshwar, effluent shall be sent to MEE of BEIL Dahej for further treatment.

3.4 The quantity of the domestic waste water (Sewage) shall not exceed **26 KL/Day**.

3.5 The domestic waste water (Sewage) shall be treated in STP plant and treated sewage shall be reused/ recycled within premises.

3.6 The quality of industrial effluent shall conform to the following standards (as per GPCB norms, whichever is applicable) (For discharge into CETP- ETL).

Sr. No.	PARAMETERS	PERMISSIBLE LIMIT
1	Biochemical Oxygen Demand, BOD_3, 27^0 C	3600 mg/L
2	Chemical Oxygen Demand (COD)	11000 mg/L
3	Phenolic Compounds (as C_6H_5OH)	5 mg/L
4	Ammonia	100 mg/L
5	Free Acidity	55000 ppm
6	Cyanide (as CN)	0.2 mg/L
7	Pesticides	Absent
8	Hexavalent Chromium (as Cr^{+6})	0.1 mg/L
9	Total Chromium (as Cr)	2 mg/L
10	Copper (as Cu)	3 mg/L
11	Nickel (as Ni)	3 mg/L
12	Zinc (as Zn)	15mg/L
13	Mercury (as Hg)	0.01 mg/L
14	Lead (as Pb)	0.1 mg/L
15	Arsenic (as As)	0.2 mg/L
16	Cadmium (as Cd)	1 mg/L
17	Selenium (as Se)	0.05 mg/L

3.7 The effluent conforming to the above standards shall be disposed to CETP of ETL through designated road tankers for further treatment & disposal.

3.8 Unit shall be required to make storage facilities to store the effluent for at least 72 hours by providing acid proof brick lined impervious tanks/HDPE tanks.

3.9 In case of shut-down of plant for more than three (3) days for any reason, the ETL unit member shall intimate to ETL authority & GPCB well in advance for the better operation & management of CETP.

Outward No: 150930114/01/2012

3.10 Unit shall make fixed arrangement for loading the effluent from their collection tanks to the designated tanker of ETL. Unit shall not keep any by-pass line or system or loose or flexible pipe line for loading the effluent into the designated tanker of ETL.

3.11 Magnetic flow meters shall be installed at the inlet & outlet of effluent collection tanks/ETP to measure the quantity of effluent send to ETL.

3.12 Unit shall affix of water meters for the purpose of measuring and recording the quantity of water consumed at such places as may be required, within 15 days and it shall be presumed that the quantity indicated by the meter has been consumed by the unit until the contrary is proved.

3.13 The underground drainage connection given by the GIDC for discharge of industrial effluent shall be disconnected & the outlet shall be sealed, if unit have.

3.14 The entire quantity of industrial effluent shall have to be send to ETL for further treatment & disposal. In no circumstances the effluent either treated or untreated shall be discharged into underground drainage pipeline of GIDC, storm water drain or anywhere else.

3.15 Unit shall provide adequate / safe effluent sampling facility for the effluent being stored in final collection / discharge tank of ETP or being discharged into CETP.

3.16 Unit 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.

3.17 Unit shall put up at the entrance a board displaying the name of unit, particulars of the products/ process, the name of proprietor/partners/directors of the unit, ETL membership number & date of joining of ETL, the electricity consumer number as on the record of DGVCL.

3.18 Unit shall have to display on-line data outside the main factory gate with regard to and nature of hazardous chemicals being handled in the plant, including waste water and air emission and solid hazardous waste generated within the factory premises.

3.19 Unit shall either stop or curtail its production activities if the effluent is not adequately treated by the ETL to conform to the standards specified by GPCB.

3.20 The authorized representative of ETL shall have right of entry at any time for the purpose of inspection and monitoring the effluent collection facilities/ETP (if required) of Unit.

3.21 Unit shall have to keep accurate records of quality & quantity of effluent discharged to ETL on day-to-day basis. Separate logbook shall be maintained for recording the data & shall be made available for inspection as & when asked.

3.22 Unit shall keep accurate records of quantity of production of each product, quantity of water consumption, quantity of effluent generated and consumption of electricity on day to day basis and required to submit the complied record of each month to GPCB on or before fifth day of the succeeding month.

3.23 In case of incinerators or MEE, the flow measuring devices for mother liquor/ toxic effluent/ Non-biodegradable effluent, light diesel 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 also be provided. These data of temperature & flow should be recorded every day & submitted to GPCB on monthly basis.

outward no: 7508561 dt: 08/12/23

3.24 Disposal system for storm water shall be provided separately. In no circumstances storm water shall be mixed with the industrial effluent.

3.25 Leachate from the hazardous solid waste, if any shall also be connected into a collection tank through leachate collection facilities and shall be treated along with industrial effluent and final treated effluent shall be discharged to the CETP of ETL.

3.26 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 until the ETL membership is resumed.

4. CONDITIONS UNDER AIR ACT 1981:

4.1 The following shall be used as fuel in the common hazardous waste incinerator, DG set and boiler, spray dryer.

Sr. No.	Fuel	Quantity
1	HSD (For D.G Set)	0.54 KL/Hr
2	Natural Gas (Incinerations)	4,80,000 Nm^3/Month
3	Natural gas (Boiler)	13,200 Nm^3/Month
4	Natural gas (Spray Dryer)	690 Nm^3/Month

4.2 The flue gas emission through stack attached to the below shall conform to the following standards:

Sr. No	Stack Attached to	Stack height in Meter	APCM	Permissible Limit
1	D.G Set (975 KVA) (02 Nos)	As per condition no. 4.4	Acoustic Enclosure	PM : 150 mg/Nm^3 SO2 :100 ppm NOx : 50 ppm
2	DG set (600 KVA)	As per condition no. 4.4	Acoustic Enclosure	
3	Heat Recovery boiler attached with incinerator	--	--	

4.3 The applicant shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to/and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted/displayed to facilitate identification.

4.4 The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75dB(a) during day time and70 dB (A)during night time. Daytime is reckoned in between 6a.m. and10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.

Outward No:7508[illegible]14/02/2023

D.G Sets Conditions

- The D.G. Set shall have acoustic enclosure and shall comply with the standards specified at Sr. No. 95 of Schedule-I of the rule-3 of E.P. Rules-1986 and Noise pollution level as per the Air Act-1981.

D.G. Sets standards:-

The flue gas emission through stack attached to D.G. Sets shall conform to the following standards.

a) The minimum height of stack to be provided with each of the generator set shall be H h + 0.2 (KVA)$^{1/2}$, where H Total stack height in meter, h height of the building in meters where or by the side of which the generator set is installed.
b) Noise from DG set shall be controlled by providing an acoustic enclosure or by treating the room acoustically, at the users end.
c) The acoustic enclosure or acoustic treatment of the room shall be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on the higher side (if the actual ambient noise is on the higher side, it may not be possible to check the performance of the acoustic enclosure/ acoustic treatment. Under such circumstances the performance may be checked for noise reduction up to actual ambient noise level, preferably, in the night time). The measurement for insertion loss may be done at different points at 0.5 m from the acoustic enclosure/room, and the averaged.
d) The D.G. Set shall be provided with proper exhaust muffler with insertion loss of minimum 25 dB (A).
e) All efforts shall be made to bring down the noise level due to the D.G. Set, outside the premises, within the ambient noise requirements by proper sitting and control measures.
f) Installation of a D.G. Sets must be strictly in compliance with the recommendations of the D.G. Set manufacturer.
g) A proper routine and preventive maintenance procedure for the D.G. Set should be set and followed in consultation with the DG Set manufacture which would help prevent noise levels of the DG Set from deteriorating with use.

4.5 The process gas emission through stack attached to the hazardous waste incinerator shall conform to the following standards :

Sr No.	Stack attached to	Stack height in meter	APCM	Permissible limit
1.	Incinerator-1 & 2 (each 6.5 million kcal/hr)	45	Quencher, Cooler, Bag filter, Scrubber	Emission standards for hazardous waste as approved by CPCB and published in guideline of common hazardous waste incinerator given at condition no.4.4
2.	Landfillable waste stabilization area	11	Alkali Scrubber	PM-150 mg/Nm^3 HCL-20 mg/Nm^3

Outward No: 7508501 21/08/2023

3.	Waste handling area	11	Alkali Scrubber	HCL-20 mg/Nm^3 Cl2-9 mg/Nm^3
4.	Spray Dryer (9000 Kg/hr)	45	Wet scrubber, Cyclone separator	PM-150 mg/NM^3
5.	Dismantling section & CRT crushing chamber	3 meter above roof level	Suction hood, Bag filter, Cyclone separator with chimney	-

4.6 The applicant shall operate air pollution control system (APCM) in order to achieve norms prescribed by CPCB and published in guideline for Common Hazardous Waste incinerator shown below:

Parameter	Emission standard	
Particulates	50 mg/Nm^3	Standard refers to half hourly average value
HCl	50 mg/Nm^3	Standard refers to half hourly average value
SO_2	200 mg/Nm^3	Standard refers to half hourly average value
CO	100 mg/Nm^3	Standard refers to half hourly average value
	50 mg/Nm^3	Standard refers to daily average value
Total Organic Carbon	20 mg/Nm^3	Standard refers to half hourly average value
HF	4 mg/Nm^3	Standard refers to half hourly average value
NOx (NO and NO_2 expressed as NO_2)	400 mg/Nm^3	Standard refers to half hourly average value
Total dioxins and furans	0.1 ng TEQ/Nm^3	Standard refers to 6-8 hours sampling. Please refer guidelines for 17 concerned congeners for toxic equivalence values to arrive at total toxic equivalence
Cd+ Th+ their compounds	0.05 mg/Nm^3	Standard refers to sampling time anywhere between 30 minutes and 8 hours.
Hg and its compounds	0.05 mg/Nm^3	Standard refers to sampling time anywhere between 30 minutes and 8 hours.
Sb+As+Pb+Cr+Co+ Cu+Mn+Ni+V+ their compounds	0.5 mg/Nm^3	Standard refers to sampling time anywhere between 30 minutes and 8 hours.

4.7 Stack monitoring facilities like port-hole, platform/ladder etc., shall be provided with stack/vents chimney in order to facilitate sampling of gases being emitted in to the atmosphere as per standard MOEF/CPCB guideline.

Outward No:750858 Dt:08/2013

4.8 Ambient air quality within the premises of the facility shall conform to the National Ambient Air Quality standard published by CPCB as following:-

Parameter	Concentration in Ambient Air		Method of Measurement
	Annual	24 hrs. Average	
Particulate matter-10 (PM_{10})	60 µg/m3	100 µg/m3	Gravimetric, TOEM Beta attenuation
Particulate matter-2.5 ($PM_{2.5}$)	40 µg/m3	60 µg/m3	Gravimetric, TOEM Beta attenuation
Sulphur Dioxide(SO_2)	50 µg/m3	80 µg/m3	Improved West and Gaeke Ultraviolet fluoreseene
Nitrogen Dioxide (NO_2)	40 µg/m3	80 µg/m3	Modified Jacob &Hoechheiser (Na-Arsenite) Chemiluminescence
Benzene	5 µg/m3	--------	Gas chromatography based continuous analyzer Adsorption and Desorption followed by GC analysis
Benzo (a) pyrene (BaP)-Particulate Phase only	01 ng/m3	--------	Solvent extraction followed by HPLC/GC analysis
Arsenic(As)	06 ng/m3	--------	AAS/ICP method after sampling on EPM 2000 or equivalent filter paper
Nickel (Ni)	20 ng/m3	--------	AAS/ICP method after sampling on EPM 2000 or equivalent filter paper
Lead (Pb)	0.50µg/m3	1.0 µg/m3	AAS/ICP method after sampling on EPM 2000 or equivalent filter paper ED-XRF using Teflon filter
Ammonia	100 µg/m3	400 µg/m3	Chemiluminescence Indophenol blue method
Ozone	100 µg/m3 8 hours	180 µg/m3 1 hour	UV photometric Chemiluminescence Chemical Method
Carbon Monoxide (CO)	02 mg/m3 8 hours	04 mg/m3 1 hour	Non dispersive Infra Red (NDIR) spectroscopy

4.9 All measures for the control of environmental pollution shall be provided before commencing of incineration.

5 CONDITIONS UNDER HAZARDOUS WASTE MANAGEMENT RULES:

5.1 Number of authorization: **AWH - 126148** Date of issue: **08/05/2023.**

5.2 **M/s. Bharuch Enviro Infrastructure Ltd** is hereby granted an authorization to operate facility for following hazardous waste TSDF and incineration on the premises situated at Plot

Outward No: 150830, 14/06/2023

No. 9701-9716, 9801-9828, 9901-9906, 9923-9928, 9601-9604, 10001-10003, G-7&8, 7924-7927, 9401-9412, 9501-9506, 7905 E to H, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.

Sr. No.	Type of waste	Category	Quantity	Disposal mode
1.	Organic Incinerable Waste	--	43200 MTPA	Received from member units through dedicated vehicle/store/incinerate in incinerator within premises.
2.	Use oil	5.1	7.8 KLPA	Collection, storage & Transportation, sale to authorize register recycler.
3.	Discarded Container/ barrels for Decontamination	33.1	1.08.000 Nos/Year	Collection, Reception, Storage & decontamination within premises.
4.	Empty Barrels/Containers/Liners contaminated with hazardous/chemicals/wastes	33.1	1404 MTPA	Collection, Generation, Storage & Transportation and sale to authorized register recycler or decontamination within premises.
5.	Ash from incinerator and flue gas cleaning residue	37.2	12632 MTPA	Collection, Storage and Disposal in own TSDF
6.	Chemical Sludge from waste water treatment	35.3	33200.4 MTPA	Collection, Storage and Disposal in own TSDF
7.	Insulation and NRP (Non recyclable Plastic)	--	109.5 MTPA	Collection, Storage and Disposal in own TSDF or sale to authorized recycler
8.	E- waste collection, storage, transportation, dismantling and recycling	--	700 MTPA	Collection, Reception, Storage & recycling within premises

6 <u>Condition of authorization for Occupier/operator handling for the disposal of hazardous waste ultimately through Co-Processing :</u>

6.1 The Applicant industry is permitted to send the following High Calorific Value (CV) Hazardous waste only to the valid authorized Cement Industry for being utilized in co-processing in the cement kiln.

Sr No.	Name of waste	Quantity in MT/Year	Mode of Disposal
1.	Waste Mix Liquid	16,000	Reception, Collection, Treatment, Storage & its use for preparation of waste mixed liquid/solid/semi solid and disposal at cement

Outward No: 7504550 14/08/2023

2.	Solid Waste Mix	10,000	industries (List attached as Annexure A) for co-processing by use of GPS enable vehicle and Xgn generated online manifest.

6.2 Disposal of the pre-processed hazardous waste to be sent to Cement Industry for co-processing.

1. You shall have valid authorization all the time for disposal of hazardous waste by sending it for co processing.
2. Prior starting to send hazardous waste to every new cement industry (other than those mentioned above at Annexure A), you shall have to submit MoU done with the cement industry to send hazardous waste. MoU shall invariably be inclusive of details related to tenure of the MoU, category of waste and its quantity for which MoU is carried out.
3. The cement industry to which hazardous waste is to be sent shall have valid CCA to receive this hazardous waste.
4. You shall ensure that only for those categories for which permission is granted to cement industries is to be sent for co-processing.

6.3 The Applicant shall not store hazardous waste for more than 90 days as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and amendments thereof.

6.4 The industry shall take necessary steps for corrective and prevention of any spillages/Leaching etc. in respect of Hazardous waste from the premises.

6.5 All the transportation of hazardous waste shall be carried out through GPS mounted truck 'AIS-140 compliant' with online manifest system in line with Hazardous and Other Wastes Rules - 2016.

6.6 The Applicant shall maintain good housekeeping & maintain proper records for Hazardous Wastes mentioned in Authorization.

6.7 The Applicant shall maintain proper records for Hazardous Wastes mentioned in Authorization in Form-3 [Rule-20(1)] i.e., quantity of Incinerable waste, Land disposal waste, Recyclable waste etc., and file annual returns in Form-4 as per Rule 20(2) of the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 and amendments thereof.

6.8 The Applicant should take all precautionary measures to prevent odour nuisance and spillages during the storage handling and transportation of hazardous wastes.

A. General condition:

1. The Authorized person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The Authorization or its renewal shall be produced for inspection at the request of an officer Authorized by the State Pollution Control Board.
3. The person Authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.

Outward No:1508/1/14/05/2023

4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
5. The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
6. The person authorized shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"
7. It is the duty of the authorized person to take prior permission of the State Pollution Control Board to close down the facility.
8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
10. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorisation.
11. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
12. An application for the renewal of an authorisation shall be made as laid down under these Rules.
13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
14. Annual return shall be filed by 30th June for the period ensuring 31st March of the year.

B. Specific Conditions:

1. In case of renewal of authorisation, a self-certified compliance report in respect of effluent, emission standards and the conditions specified in the authorization for hazardous and other wastes shall be submitted to SPCB.
2. The occupier of the facility shall comply Standard operating procedure/ guidelines published by MoEF & CC/CPCB /GPCB from time to time.
3. Unit shall comply provisions of E-Waste Management Rules-2016.
4. The disposal of Hazardous Waste shall be carried out as per the waste Management hierarchy.
5. The applicant shall submit third party certification for construction of new cells of TSDF phase with reference to plan and design approved to GPCB, Gandhinagar well in advance.
6. The applicant shall submit third party certification for post closure TSDF phase wise with reference to plan and design approved to GPCB, Gandhinagar well in advance.

Outward No: 7008506 Dt: 08/08/2020

7 SPECIFIC CONDITION (WHICHEVER IS APPLICABLE)

7.3 It shall be the responsibility/duty of the applicant to take adequate steps while handling hazardous wastes to contain contaminants and prevent accidents and their consequences on

human and environment, and prevent person working on the site with information, training and equipment necessary to ensure their safety.

7.4 The applicant shall be liable for all damage caused to the environment or third party due to improper handling of the hazardous wastes or disposal of the hazardous wastes.

7.5 The applicant shall be liable to pay financial penalties as levied for any violation of the provisions under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 by the State Pollution Control Board with the prior approval of the Central Pollution Control Board.

7.6 The applicant shall ensure that the hazardous waste are packaged and labeled, based on the composition in a manner suitable for safe handling, storage and transport. The labelling and packing shall be easily visible and be able to with stand physical conditions and climatic factors as per the guidelines issued by the Central Pollution Control Board from time to time. The transport of hazardous wastes shall be in accordance with the provisions of the rules made by the Central Government under the Motor Vehicles Act, 1988 and other guidelines issued from time to time and the transporter shall comply with the provisions of Hazardous and Other Wastes (Management and Trans Boundary Movement) Rules, 2016.

7.7 In case of transportation of hazardous wastes through a State other than the State of origin or destination the occupier shall intimate the concerned State Pollution Control Boards before, he hands over the hazardous wastes to the transporter (if applicable).

8 GENERAL CONDITION:

8.3 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.

8.4 The applicant shall submit the returns in prescribed form regarding water consumption and shall make payment of water cess to the Board under the Water Cess Act- 1977.

8.5 Applicant shall comply with all guidelines/ directives issued / being issued by MOEF / CPCB /DOEF/GPCB.

8.6 The project proponent shall transport Hazardous waste through authorized dedicated Vehicles with GPS (Global Positioning System) enabled system and in line with Hazardous and Other Waste (M &TM) Rules-2016.

8.7 Applicant shall comply with Risk Assessment and Disaster management Plan.

8.8 Applicant shall carry out mock drill both on site and off site for all the possible eventualities at a regular interval of time. For any of the disastrous situation escape route shall have to be predefined properly marked and shall be brought to the knowledge of all the concerned.

8.9 The Environmental audit shall be carried out twice in a year and the environmental statements pertaining to the previous year shall be submitted to this Board latest by 30th September of every year.

8.10 Industry shall submit audit report within through Schedule-I auditor twice in a year.

8.11 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.

Outward No: 751830 / 4/08/2023

8.12 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 facility. 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.

8.13 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.: 75 dB (A)
Between 10 P.M. and 6 A.M.: 70 dB (A)

8.14 Applicant is required to comply with the manufacturing, Storage and Import of Hazardous Chemicals Rules-1989 framed under the Environment (Protection) Act-1986.

8.15 Full support shall be extended to the officers of MoEF&CC, CPCB, GPCB and all other relevant authorities by the project proponents during their inspection for monitoring purposes by furnishing full details and action plans including the action taken reports in respect of initiative measures and other environmental protection activities.

8.16 GPCB reserves the right to stipulate additional condition if found necessary. The company shall implement these conditions in a time bound manner in a true letter and spirit.

8.17 The Board reserves the right to revoke consent and/or make modification in the conditions which it deems fit.

For And On Behalf Of
Gujarat Pollution Control Board

14/8/23

(N. A Shah)
Unit Head, Hazardous waste cell

Issued to:
No. GPCB/CCA-BRCH-167(22)/ID-14983/ Date:

M/s. BEL Infrastructure Ltd,
Plot No. 9701-9716, 9801-9828, 9901-9906, 9923-9928, 9601-9604,
10001-10003, G-7&8, 7924-7927, 9401-9412, 9501-9506,
7905 E to H, GIDC Estate,
Ankleshwar-393002, Dist: Bharuch.

Outward No:750850, 14/08/2023

Annexure-A

Sr. No.	Name of Cement Unit	Validity of CC&A of cement industries	Validity of MOU	Type of Waste
1	M/s Ambuja Cements Ltd Kodinar, Junagadh	18/09/2023	01/07/2023	Liquid/ Solid
2	M/s Birla Corporation Ltd Chanderia, Tal: Chittorgarh, Rajasthan	31/12/2022	31/05/2023	Liquid
3	M/s Shree Cement Ltd, Ras, Dist: Pali, Rajasthan	31/01/2027	17/05/2027	Liquid/ Solid
4	M/s JK Cement Works, Mangrol, Nimbahera, Dist: Chittorgarh, Rajsthan	31/05/2025	01/10/2025	Liquid/ Solid
5	M/s JK Cement Works. Kailashnagar, Nimbahera, Dist: Chhitorgarh, Rajsthan	31/10/2026	01/10/2025	Liquid/ Solid
6	M/s Ambuja Cement, Bhatapara. Chhattisgarh	31/07/2024	01/05/2024	Liquid/ Solid
7	ACC Limited, Jamul, Chhattisgarh	31/07/2023	31/05/2024	Liquid
8	Nuvoco Vistas Corp. Ltd Sonadih, Chhattisgarh	29/02/2024	01/06/2023	Liquid/ Solid
9	M/s Wonder Cement Ltd..Chittorgarh (Rajasthan)	30/09/2025	Continuous till amendment	Liquid/ Solid
10	M/s J.K Cement Works, Muddapur (Karnataka)	30/06/2026	10/11/2023	Liquid
11	M/s Dalmia Cement Bharat Limited, Sundargarh (odisha)	31/03/2023	10/12/2036	Liquid/ Solid
12	M/s Dalmia Cement Bharat Limited, Chikkodi (karnataka)	30/06/2026	10/12/2036	Liquid/ Solid
13	M/s Dalmia Cement Bharat Limited, Chandrapur (Maharashtra)	31/10/2022 Applied for renewal	10/12/2036	Liquid/ Solid
14	M/s Prism Limited, Johson Rampur Baghelan, Unit 1 and Unit-2. (M.P)	Unit-1: 30/06/2023, Unit-2: 30/06/2023	19/07/2023	Liquid/ Solid
15	Shree Limited, Cement Beawar (Rajasthan)	31/12/2025	17/05/2027	Liquid/ Solid
16	M/s Sangh Industries Ltd	18/03/2024	13/10/2024	Liquid/ Solid

Outward No:750850, 14/08/2023

ENVIRONMENTAL MONITORING REPORT

[Period: October 2025]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA BIOSUSTAIN PVT LTD

Plot No 7313/1/A, Near Karmatur Chokdi,
GIDC Ankleshwar-393002.

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1.0 AMBIENT AIR QUALITY MONITORING REPORT

[Period: Oct 2025]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA BIOSUSTAIN PVT LTD

LABORATORY TESTING REPORT

Report No.: VBPL/AA/202510/0005			Date:		08/10/2025
URL No.: TC158532500000852F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	01/10/2025	Sampling Type	:	–
Sample Receipt Date	:	01/10/2025	Sample ID	:	AA/202510/0005
Sampling Location	:	On the roof of laboratory	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	02/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/10/2025
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	60.8	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	µg/m³	32.5	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	µg/m³	16.3	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	µg/m³	20.7	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	12.06	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

Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

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

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

LABORATORY TESTING REPORT

Report No.: VBPL/AA/202510/0005			Date:		08/10/2025
URL No.: -					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	01/10/2025	Sampling Type	:	–
Sample Receipt Date	:	01/10/2025	Sample ID	:	AA/202510/0005
Sampling Location	:	On the roof of laboratory	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	02/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/10/2025
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

----------**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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Authorized Signatory

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

LABORATORY TESTING REPORT

Report No.: VBPL/AA/202510/0006			Date:		08/10/2025
URL No.: TC158532500000853F					
Name & Address of6Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	01/10/2025	Sampling Type	:	–
Sample Receipt Date	:	02/10/2025	Sample ID	:	AA/202510/0006
Sampling Location	:	Oppo. of C6CW4 Detox Side	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	02/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/10/2025
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}	$\mu g/m^3$	63.1	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	$\mu g/m^3$	35.2	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	$\mu g/m^3$	17.6	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	$\mu g/m^3$	23.2	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	$\mu g/m^3$	11.95	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

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/AA/202510/0006			Date:		08/10/2025
URL No.: --					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	01/10/2025	Sampling Type	:	–
Sample Receipt Date	:	02/10/2025	Sample ID	:	AA/202510/0006
Sampling Location	:	Oppo. of C6CW4 Detox Side	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	02/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/10/2025
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 (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**----------

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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Authorized Signatory

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LABORATORY TESTING REPORT

Report No.: VBPL/AA/202510/0007			Date:		08/10/2025
URL No.: TC158532500000854F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	01/10/2025	Sampling Type	:	–
Sample Receipt Date	:	02/10/2025	Sample ID	:	AA/202510/0007
Sampling Location	:	Landfill Phase-4 near Security Tower	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	02/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/10/2025
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}	$\mu g/m^3$	61.3	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	$\mu g/m^3$	30.8	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	$\mu g/m^3$	12.42	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

Authorised Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/AA/202510/0007			Date:		08/10/2025
URL No.: --					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	01/10/2025	Sampling Type	:	–
Sample Receipt Date	:	02/10/2025	Sample ID	:	AA/202510/0007
Sampling Location	:	Landfill Phase-4 near Security Tower	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	02/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	03/10/2025
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 (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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3. Samples shall be stored for the period of 15 days after the date of issue of Report.

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Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

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Website : www.vasundharaenterprise.in

2.0 NOISE LEVEL MONITORING REPORT

[Period: Oct 2025]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA BIOSUSTAIN PVT LTD

LABORATORY TESTING REPORT

Report No.: VBPL/AN/202510/0002			Date:		08/10/2025
URL No.: TC158532500000849F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	01/10/2025	Sampling Type	:	Instrument Method
Sample Receipt Date	:	NA	Sample ID	:	AN/202510/0002
Sampling Location	:	As Per Table	Sample Description	:	Noise Monitoring
Sample Reported / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 9989-1991
Instrument calibration status	:	Calibrated	Format No.	:	7.8 F-07
Meteorological condition during monitoring	:	Clear Sky	Actual duration of Monitoring, (Minutes)	:	30

Ambient Noise Results

Sr. No.	Sampling Location	Day Time	Night Time	Unit	Protocol Used for Monitoring
Permissible Limit as per CPCB		**75**	**70**	**dB(A)**	-
1.	Nr. Main Gate	66	57	dB(A)	IS 9989-1991
2.	Nr. Incinerator Area	65	54	dB(A)	
3.	Nr. Lab Area	61	48	dB(A)	
4.	Nr. Admin Building	52	45	dB(A)	
5.	Nr. Truck Washing Area	64	52	dB(A)	
6.	Nr. Drum Storage Area	60	51	dB(A)	
7.	Nr. East of Incinerator Area	70	62	dB(A)	

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

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3.0 WATER QUALITY MONITORING REPORT

[Period: Oct 2025]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA BIOSUSTAIN PVT LTD

LABORATORY TESTING REPORT

Report No.: VBPL/W/202510/0003			Date:		08/10/2025
URL No.: TC158532500000836F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	01/10/2025	Sampling Type	:	Grab
Date of Sample Received	:	01/10/2025	Sample ID	:	W/202510/0003
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/10/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.28	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	7	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	5863	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.5	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3.6	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3742.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	28.34	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	880	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	346	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.56	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1789	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	161	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.24	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.78	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	216	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	82.65	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	260	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	7.0	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202510/0003			Date:		08/10/2025
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	01/10/2025	Sampling Type	:	Grab
Date of Sample Received	:	01/10/2025	Sample ID	:	W/202510/0003
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/10/2025
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	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	4.8	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.129	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24thEdition3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202510/0005			Date:		08/10/2025
URL No.: TC158532500000838F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	01/10/2025	Sampling Type	:	Grab
Date of Sample Received	:	01/10/2025	Sample ID	:	W/202510/0005
Sampling Location	:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/10/2025
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	Unit	Result	Protocol Used for Analysis
1.	pH	–	7.68	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	3	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2336	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.45	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	2.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1513.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	12.14	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	460	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	430	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	354	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	129	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	2.78	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.50	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	70	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	69.28	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	235	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.8	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	4.0	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202510/0005			Date:		08/10/2025
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	01/10/2025	Sampling Type	:	Grab
Date of Sample Received	:	01/10/2025	Sample ID	:	W/202510/0005
Sampling Location	:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/10/2025
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	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	2.05	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.527	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24thEdition3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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VASUNDHARA BIOSUSTAIN PVT LTD
ENVIRONMENT CONSULTANCY & LABORATORY

- NABL Accredited Laboratory (TC-15853)
- EPA (MOEF & CC) Recognized Laboratory
- QCI-NABET Accredited EIA Consultant
- GPCB Authorized Environment Auditors

TC-15853

LABORATORY TESTING REPORT

Report No.: VBPL/W/202510/0006			Date:		08/10/2025
URL No.: TC158532500000839F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	01/10/2025	Sampling Type	:	Grab
Date of Sample Received	:	01/10/2025	Sample ID	:	W/202510/0006
Sampling Location	:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/10/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	-	7.55	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	7	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2548	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.48	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3.3	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1688.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	16.19	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	625	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	324	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	514	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	179	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	3.66	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.60	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	96	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	93.59	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	208	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.6	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	5.0	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202510/0006			Date:		08/10/2025
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	01/10/2025	Sampling Type	:	Grab
Date of Sample Received	:	01/10/2025	Sample ID	:	W/202510/0006
Sampling Location	:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/10/2025
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	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	3.22	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	BDL<0.1	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24thEdition3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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1. Samples are not drawn by Vasundhara Biosustain Pvt. Ltd, unless otherwise mentioned. The results are applicable only to the submitted sample. Endorsement of the product is neither inferred nor implemented.
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LABORATORY TESTING REPORT

Report No.: VBPL/W/202510/0007			Date:		08/10/2025
URL No.: TC158532500000840F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	01/10/2025	Sampling Type	:	Grab
Date of Sample Received	:	01/10/2025	Sample ID	:	W/202510/0007
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/10/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.39	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	3.6	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2827	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.42	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1842.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	24.29	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	600	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	354	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.12	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	770	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	142	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	2.27	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.47	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	128	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	68.07	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	272	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.5	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	7.0	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202510/0007			Date:		08/10/2025
URL No.: ---					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	01/10/2025	Sampling Type	:	Grab
Date of Sample Received	:	01/10/2025	Sample ID	:	W/202510/0007
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/10/2025
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	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	3.85	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	BDL<0.1	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24thEdition3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202510/0008			Date:		08/10/2025
URL No.: TC158532500000841F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	01/10/2025	Sampling Type	:	Grab
Date of Sample Received	:	01/10/2025	Sample ID	:	W/202510/0008
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/10/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	-	7.14	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	12.5	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	5085	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	1.1	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3305.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	24.29	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	850	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	400	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1464	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	131	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.96	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.80	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	198	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	86.30	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	255	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	2.2	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	6.0	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202510/0008			Date:		08/10/2025
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	01/10/2025	Sampling Type	:	Grab
Date of Sample Received	:	01/10/2025	Sample ID	:	W/202510/0008
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/10/2025
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	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	6.4	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.124	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24thEdition3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202510/0009			Date:		08/10/2025
URL No.: TC158532500000842F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	01/10/2025	Sampling Type	:	Grab
Date of Sample Received	:	01/10/2025	Sample ID	:	W/202510/0009
Sampling Location	:	HB-5 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/10/2025
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	Unit	Result	Protocol Used for Analysis
1.	pH	–	7.43	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	2.55	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2819	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	1.24	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1872.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	16.19	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	570	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	434	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.12	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	550	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	234	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	2.32	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.95	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	120	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	65.64	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	264	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	4.0	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202510/0009			Date:		08/10/2025
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	01/10/2025	Sampling Type	:	Grab
Date of Sample Received	:	01/10/2025	Sample ID	:	W/202510/0009
Sampling Location	:	HB-5 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/10/2025
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	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	3.08	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	BDL<0.1	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24thEdition3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202510/0010			Date:		08/10/2025
URL No.: TC158532500000843F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	01/10/2025	Sampling Type	:	Grab
Date of Sample Received	:	01/10/2025	Sample ID	:	W/202510/0010
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/10/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	-	7.52	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	15	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	4323	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.36	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	2835.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	32.38	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	875	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	362	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.56	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	800	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	149	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.70	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	1.14	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	164	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	113.04	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	289	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	2.1	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	9.1	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202510/0010			Date:		08/10/2025
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	01/10/2025	Sampling Type	:	Grab
Date of Sample Received	:	01/10/2025	Sample ID	:	W/202510/0010
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/10/2025
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	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	7.26	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	0.279	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24thEdition3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	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.

Verified By

Authorized Signatory

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Contact:
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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VBPL/W/202510/0011			Date:		08/10/2025
URL No.: TC158532500000844F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	01/10/2025	Sampling Type	:	Grab
Date of Sample Received	:	01/10/2025	Sample ID	:	W/202510/0011
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/10/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.25	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	14	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	3063	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.26	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	5.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1996.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	20.24	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	685	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	330	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.40	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	740	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	188	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	3.09	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.55	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	124	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	91.16	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	248	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	2.9	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	4.3	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

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Report No.: VBPL/W/202510/0011			Date:		08/10/2025
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	01/10/2025	Sampling Type	:	Grab
Date of Sample Received	:	01/10/2025	Sample ID	:	W/202510/0011
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/10/2025
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	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	4.1	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	BDL<0.1	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24thEdition3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202510/0012			Date:		08/10/2025
URL No.: TC158532500000845F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	01/10/2025	Sampling Type	:	Grab
Date of Sample Received	:	01/10/2025	Sample ID	:	W/202510/0012
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/10/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.48	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	16.2	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	4758	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.41	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3468.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	28.34	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	887	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	430	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.56	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1320	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	274	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	3.00	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.84	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	234	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	158.74	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	341	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	2.5	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	7.0	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

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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. Dharmesh Patel			
Date of Sample Collection	:	01/10/2025	Sampling Type	:	Grab
Date of Sample Received	:	01/10/2025	Sample ID	:	W/202510/0012
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/10/2025
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	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	6.0	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	BDL<0.1	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202510/0013			Date:		08/10/2025
URL No.: TC158532500000846F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	01/10/2025	Sampling Type	:	Grab
Date of Sample Received	:	01/10/2025	Sample ID	:	W/202510/0013
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/10/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	-	7.75	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	4	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2310	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.33	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1580.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	20.24	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	500	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	244	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	606	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	169	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	3.93	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	0.60	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	128	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	43.76	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	232	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.7	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	BioChemical Oxygen Demand @ 27 °C for 3 Days	mg/L	5.7	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

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Report No.: VBPL/W/202510/0013			Date:		08/10/2025
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	01/10/2025	Sampling Type	:	Grab
Date of Sample Received	:	01/10/2025	Sample ID	:	W/202510/0013
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/10/2025
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	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	3.82	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	1.250	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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VASUNDHARA BIOSUSTAIN PVT LTD

ENVIRONMENT CONSULTANCY & LABORATORY

- NABL Accredited Laboratory (TC-15853)
- EPA (MOEF & CC) Recognized Laboratory
- QCI-NABET Accredited EIA Consultant
- GPCB Authorized Environment Auditors

TC-15853

LABORATORY TESTING REPORT

Report No.: VBPL/W/202510/0014			Date:		08/10/2025
URL No.: TC158532500000847F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	01/10/2025	Sampling Type	:	Grab
Date of Sample Received	:	01/10/2025	Sample ID	:	W/202510/0014
Sampling Location	:	EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/10/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	-	7.66	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	2.2	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2554	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.58	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3.00	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1685.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	12.14	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	528	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	398	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.56	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	436	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	228	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.66	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	1.03	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	90	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	73.66	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	245	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4.9	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	4.2	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202510/0014			Date:		08/10/2025
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	01/10/2025	Sampling Type	:	Grab
Date of Sample Received	:	01/10/2025	Sample ID	:	W/202510/0014
Sampling Location	:	EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/10/2025
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	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	2.33	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	BDL<0.1	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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

Verified By

Vasundhara Biosustain Pvt. Ltd. • Vasundhara Biosustain Pvt. Ltd.

Authorised Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

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GIDC Ankleshwar - 393002.

Contact:
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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VBPL/W/202510/0015			Date:		08/10/2025
URL No.: TC158532500000848F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	01/10/2025	Sampling Type	:	Grab
Date of Sample Received	:	01/10/2025	Sample ID	:	W/202510/0015
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/10/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	-	7.43	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	8.8	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	5188	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.8	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3321.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	56.67	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	948	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	400	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.12	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1232	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	278	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	7.37	IS 3025 (Part 34) : 2022
14.	Fluoride	mg/L	1.15	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	220	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	96.75	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	mg/L	400	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.05	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	12.8	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023

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Vasundhara Bio Sustain Pvt. Ltd. Vapi

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202510/0015			Date:		08/10/2025
URL No.: --					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	01/10/2025	Sampling Type	:	Grab
Date of Sample Received	:	01/10/2025	Sample ID	:	W/202510/0015
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 Liter/1Nos.	Analysis Started On	:	01/10/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/10/2025
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	Unit	Result	Protocol used for Analysis
24.	TOC	mg/L	16.7	APHA 24th Edition 5310- B : 2023
25.	Lead (as Pb)	mg/L	BDL<2	APHA 24th Edition 3111 Pb B : 2023
26.	Nickel (as Ni)	mg/L	BDL<1.0	APHA 24th Edition 3111 Ni B : 2023
27.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
28.	Chromium (as Cr)	mg/L	BDL<1.0	APHA 24th Edition 3111 Cr B : 2023
29.	Mercury (as Hg)	mg/L	BDL<0.06	APHA 24th Edition 3112 Hg B : 2023
30.	Arsenic (as As)	mg/L	BDL<0.01	APHA 24th Edition 3114 As B : 2023
31.	Iron (as Fe)	mg/L	BDL<0.1	APHA 24th Edition 3500 Fe B : 2023
32.	Zinc (as Zn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Zn B : 2023
33.	Cadmium (as Cd)	mg/L	BDL<0.05	APHA 24th Edition 3111 Cd B : 2023
34.	Copper (as Cu)	mg/L	BDL<0.04	APHA 24th Edition 3111 Cu B : 2023
35.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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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 Biosustain Pvt Ltd

Sr. No.	Environmental Component	Parameters	Location	Frequency	Monitoring Carried out in Oct - 2025
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

ENVIRONMENTAL MONITORING REPORT

[Period: November 2025]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA BIOSUSTAIN PVT LTD

Plot No 7313/1/A, Near Karmatur Chokdi,
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 Biosustain Pvt Ltd

Sr. No.	Environmental Component	Parameters	Location	Frequency	Monitoring Carried out in Nov - 2025
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: Nov 2025]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA BIOSUSTAIN PVT LTD

LABORATORY TESTING REPORT

Report No.: VBPL/AA/202511/0029			Date:		22/11/2025
URL No.: TC158532500001061F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	14/11/2025	Sampling Type	:	–
Sample Receipt Date	:	15/11/2025	Sample ID	:	AA/202511/0029
Sampling Location	:	On the roof of the laboratory	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	15/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	17/11/2025
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	62.4	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	µg/m³	30.6	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	µg/m³	18.1	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	µg/m³	24.5	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	11.68	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m³	BDL<0.5	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m³	BDL<0.5	Not Specified	IS: 5182(Part 26): 2020
11.	Arsenic as As	µg/m³	BDL<0.01	Not Specified	CPCB-NAAQS Monitoring & Analysis Guidelines, Vol.-I: 2013
12.	Benzene (C6H6)	µg/m³	BDL <1	Not Specified	IS 5182 (Part 11):2006
13	Benzo(a)pyrene(BaP)	ng/m³	BDL <1	Not Specified	IS 5182 (Part 12):2004

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

Verified By

Biosustain Pvt. Ltd. Ankleshwar

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/AA/202511/0029/1			Date:		22/11/2025
URL No.: -					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	14/11/2025	Sampling Type	:	–
Sample Receipt Date	:	15/11/2025	Sample ID	:	AA/202511/0029
Sampling Location	:	On the roof of the laboratory	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	15/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	17/11/2025
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.	Hydrochloric Acid as HCL	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
2.	Hydrocarbon as HC	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
3.	Carbon Monoxide as CO	mg/m^3	0.91	4.0	IS 5182 (Part 10): 1999

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

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LABORATORY TESTING REPORT

Report No.: VBPL/AA/202511/0030			Date:		22/11/2025
URL No.: TC158532500001062F					
Name & Address of6Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	14/11/2025	Sampling Type	:	–
Sample Receipt Date	:	15/11/2025	Sample ID	:	AA/202511/0030
Sampling Location	:	Oppo. of C6CW4 Detox Side	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	15/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	17/11/2025
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}	$\mu g/m^3$	60.1	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	$\mu g/m^3$	33.7	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	$\mu g/m^3$	26.2	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	$\mu g/m^3$	12.25	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
11.	Arsenic as As	$\mu g/m^3$	BDL<0.01	Not Specified	CPCB-NAAQS Monitoring & Analysis Guidelines, Vol.-I: 2013
12.	Benzene (C6H6)	$\mu g/m^3$	BDL <1	Not Specified	IS 5182 (Part 11):2006
13.	Benzo(a)pyrene (BaP)	ng/m^3	BDL <1	Not Specified	IS 5182 (Part 12):2004

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

Verified By

Biosustain Pvt. Ltd. Ankleshwar

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/AA/202511/0030/1			Date:		22/11/2025
URL No.: --					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	14/11/2025	Sampling Type	:	–
Sample Receipt Date	:	15/11/2025	Sample ID	:	AA/202511/0030
Sampling Location	:	Oppo. of C6CW4 Detox Side	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	15/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	17/11/2025
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.	Hydrochloric Acid as HCL	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
2.	Hydrocarbon as HC	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
3.	Carbon Monoxide as CO	mg/m^3	0.94	4.0	IS 5182 (Part 10): 1999

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

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LABORATORY TESTING REPORT

Report No.: VBPL/AA/202511/0031			Date:		22/11/2025
URL No.: TC158532500001063F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	14/11/2025	Sampling Type	:	–
Sample Receipt Date	:	15/11/2025	Sample ID	:	AA/202511/0031
Sampling Location	:	Landfill Phase-4 near Security Tower	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	15/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	17/11/2025
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}	$\mu g/m^3$	64.8	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	$\mu g/m^3$	34.5	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	$\mu g/m^3$	16.6	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	$\mu g/m^3$	22.4	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	$\mu g/m^3$	12.81	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
11.	Arsenic as As	$\mu g/m^3$	BDL<0.01	Not Specified	CPCB-NAAQS Monitoring & Analysis Guidelines, Vol.-I: 2013
12.	Benzene (C6H6)	$\mu g/m^3$	BDL <1	Not Specified	IS 5182 (Part 11):2006
13.	Benzo(a)pyrene (BaP)	ng/m^3	BDL <1	Not Specified	IS 5182 (Part 12):2004

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

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LABORATORY TESTING REPORT

Report No.: VBPL/AA/202511/0031/1			Date:		22/11/2025
URL No.: --					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	14/11/2025	Sampling Type	:	–
Sample Receipt Date	:	15/11/2025	Sample ID	:	AA/202511/0031
Sampling Location	:	Landfill Phase-4 near Security Tower	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	15/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	17/11/2025
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.	Hydrochloric Acid as HCL	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
2.	Hydrocarbon as HC	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
3.	Carbon Monoxide as CO	mg/m³	0.88	4.0	IS 5182 (Part 10): 1999

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

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Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

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

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

2.0 NOISE LEVEL MONITORING REPORT

[Period: Nov 2025]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA BIOSUSTAIN PVT LTD

LABORATORY TESTING REPORT

Report No.: VBPL/AN/202511/0005			Date:		22/11/2025
URL No.: TC158532500001051F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	14/11/2025	Sampling Type	:	Instrument Method
Sample Receipt Date	:	NA	Sample ID	:	AN/202511/0005
Sampling Location	:	As Per Table	Sample Description	:	Noise Monitoring
Sample Reported / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 9989-1991
Instrument calibration status	:	Calibrated	Format No.	:	7.8 F-07
Meteorological condition during monitoring	:	Clear Sky	Actual duration of Monitoring, (Minutes)	:	30

Ambient Noise Results

Sr. No.	Sampling Location	Day Time	Night Time	Unit	Protocol Used for Monitoring
Permissible Limit as per CPCB		**75**	**70**	**dB(A)**	-
1.	Nr. Main Gate	64	55	dB(A)	IS 9989-1981
2.	Nr. Incinerator Area	68	58	dB(A)	
3.	Nr. Lab Area	62	50	dB(A)	
4.	Nr. Admin Building	58	49	dB(A)	
5.	Nr. Truck Washing Area	66	56	dB(A)	
6.	Nr. Drum Storage Area	63	54	dB(A)	
7.	Nr. East of Incinerator Area	71	65	dB(A)	

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

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Verified By

Vasundhara Biosustain Pvt. Ltd. Ankleshwar

Authorized Signatory

3.0 WATER QUALITY MONITORING REPORT

[Period: Nov 2025]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA BIOSUSTAIN PVT LTD

LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0006			Date:		22/11/2025
URL No.: TC158532500001038F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0006
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.33	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	8	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	5678	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.8	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3710.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	28.92	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	930	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	368	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.28	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1812	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	198	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	0.93	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.81	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	216	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	94.81	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0006			Date:		22/11/2025
URL No.: TC158532500001038F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0006
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	242	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.6	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	9.8	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	0.093	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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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.: VBPL/W/202511/0006/1			Date:		22/11/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0006/1
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	3.6	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0007			Date:		22/11/2025
URL No.: TC158532500001039F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0007
Sampling Location	:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol Used for Analysis
1.	pH	–	7.95	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	5	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2506	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.3	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1518.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	12.40	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	390	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	400	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.56	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	376	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	172	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	2.38	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.55	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	66	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	54.70	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0007			Date:		22/11/2025
URL No.: TC158532500001039F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0007
Sampling Location	:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol Used for Analysis
19.	Sodium (as Na)	mg/L	210	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	3.4	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	0.460	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0007/1			Date:		22/11/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0007/1
Sampling Location	:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	2.21	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0008			Date:		22/11/2025
URL No.: TC158532500001040F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0008
Sampling Location	:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	-	7.61	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	6	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2283	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.52	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3.5	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1522.9	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	16.53	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	512	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	350	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	382	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	204	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	4.22	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.73	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	80	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	75.85	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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Formerly known as "VASUNDHARA ENTERPRISE"

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

LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0008			Date:		22/11/2025
URL No.: TC158532500001040F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0008
Sampling Location	:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	218	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.2	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	4.6	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

----------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

Vasundhara Biosustain Pvt. Ltd. Ankleshwar

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0008/1			Date:		22/11/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0008/1
Sampling Location	:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	3.02	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0009			Date:		22/11/2025
URL No.: TC158532500001041F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0009
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.58	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	3	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2993	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.46	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3.6	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1962.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	20.66	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	629	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	384	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	650	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	155	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.88	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.62	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	142	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	66.61	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0009			Date:		22/11/2025
URL No.: TC158532500001041F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0009
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	258	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.5	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	4.8	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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Authorized Signatory

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

LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0009/1			Date:		22/11/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0009/1
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	4.32	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0010			Date:		22/11/2025
URL No.: TC158532500001042F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0010
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.25	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	12	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	5089	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	1.2	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	5.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3228.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	24.79	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	947	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	428	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1629	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	1557	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	2.05	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.14	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	180	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	120.82	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0010			Date:		22/11/2025
URL No.: TC158532500001042F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0010
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	270	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	1.4	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	6.5	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	0.160	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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Verified By

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Office : Plot No.7313/1/A, GIDC Ankleshwar - 393002.
Contact: Mo.: +91-93136 16978 / 93136 16730
E-mail : info@vasundharaenterprise.in
Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0010/1			Date:		22/11/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0010/1
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	5.5	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0011			Date:		22/11/2025
URL No.: TC158532500001043F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0011
Sampling Location	:	HB-5 Down	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.56	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	4	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2715	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	1.41	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3.5	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1768.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	12.40	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	510	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	420	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	490	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	213	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	2.76	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.04	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	100	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	63.21	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

Verified By

Vasundhara Biosustain Pvt. Ltd. Ankleshwar

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0011			Date:		22/11/2025
URL No.: TC158532500001043F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0011
Sampling Location	:	HB-5 Down	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	241	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	2.6	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	4.2	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

----------**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

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

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

LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0011/1			Date:		22/11/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0011/1
Sampling Location	:	HB-5 Down	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	2.78	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0012			Date:		22/11/2025
URL No.: TC158532500001044F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0012
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.41	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	16	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	4516	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.33	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	5.1	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	2980.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	28.92	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	889	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	322	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.12	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	872	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	188	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.79	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.88	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	146	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	127.38	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0012			Date:		22/11/2025
URL No.: TC158532500001044F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0012
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	250	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	2.4	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	8.2	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	0.227	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0012/1			Date:		22/11/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0012/1
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	6.82	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0013			Date:		22/11/2025
URL No.: TC158532500001045F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0013
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.18	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	12	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	3154	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.5	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	5.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	2089.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	24.79	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	688	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	350	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.12	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	760	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	196	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	2.83	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.40	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	148	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	77.31	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0013			Date:		22/11/2025
URL No.: TC158532500001045F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0013
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	225	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.5	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	7.5	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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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.: VBPL/W/202511/0013/1			Date:		22/11/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0013/1
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	5.2	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0014			Date:		22/11/2025
URL No.: TC158532500001046F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0014
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.53	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	15	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	5222	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.62	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3380.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	33.06	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	1012	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	386	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.40	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1450	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	288	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	3.49	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.27	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	214	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	115.96	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0014			Date:		22/11/2025
URL No.: TC158532500001046F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0014
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	328	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	10.1	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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Verified By

Vasundhara Biosustain Pvt. Ltd.
Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0014/1			Date:		22/11/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0014/1
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	8.8	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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

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Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0015			Date:		22/11/2025
URL No.: TC158532500001047F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0015
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.66	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	5	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2412	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.29	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	5.5	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1559.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	20.66	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	540	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	262	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	656	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	136	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	3.11	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.78	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	126	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	54.70	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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Vasundhara Biosustain Ankleshwar

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0015			Date:		22/11/2025
URL No.: TC158532500001047F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0015
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	222	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4.2	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	8.0	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	1.183	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0015/1			Date:		22/11/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0015/1
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	3.36	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0016			Date:		22/11/2025
URL No.: TC158532500001048F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0016
Sampling Location	:	New EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.72	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	2	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2435	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.5	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3.9	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	2459.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	12.40	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	465	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	416	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	422	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	254	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.81	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.18	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	74	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	68.07	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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Formerly known as "VASUNDHARA ENTERPRISE"

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0016			Date:		22/11/2025
URL No.: TC158532500001048F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0016
Sampling Location	:	New EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	229	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	5.1	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	3.6	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0016/1			Date:		22/11/2025
URL No.: -					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0016/1
Sampling Location	:	New EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	8.8	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0017			Date:		22/11/2025
URL No.: TC158532500001049F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0017
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.48	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	8	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	5214	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.91	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	5.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3335.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	57.85	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	900	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	374	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.40	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1254	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	289	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	6.67	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.04	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	226	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	81.44	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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Formerly known as "VASUNDHARA ENTERPRISE"

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0017			Date:		22/11/2025
URL No.: TC158532500001049F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0017
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	410	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.6	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	14.9	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VBPL/W/202511/0017/1			Date:		22/11/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	14/11/2025	Sampling Type	:	Grab
Date of Sample Received	:	14/11/2025	Sample ID	:	W/202511/0017/1
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	14/11/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	20/11/2025
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	9.8	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

Verified By

Authorized Signatory

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

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

ENVIRONMENTAL MONITORING REPORT

[Period: December 2025]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA BIOSUSTAIN PVT LTD

Plot No 7313/1/A, Near Karmatur Chokdi,
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 Biosustain Pvt Ltd

Sr. No.	Environmental Component	Parameters	Location	Frequency	Monitoring Carried out in Dec - 2025
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.	Surface 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	05	Quarterly	05
5.	Soil	pH, Conductivity (mmhos/cm), TDS (gm/kg), TOC (%), Analysis By TCLP	07	Quarterly	07

		Fluoride %(W/W), Analysis By TCLP Lead (mg/l), Analysis By TCLP Cadmium (mg/l), Analysis By TCLP Copper (mg/l), Analysis By TCLP Chromium (mg/l), Analysis By TCLP Mercury (mg/l), Analysis By TCLP Nickel (mg/l), Analysis By TCLP Cyanide (mg/l), Analysis By TCLP Arsenic (mg/l), Analysis By TCLP Manganese (mg/l), Analysis By TCLP Zinc (mg/l), Analysis By TCLP PAH (mg/l)			
6.	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
7.	Solid Waste Monitoring	CV, COMPATIBILITY, FLAMMABILITY, HALOGEN, PFLT TEST, PHYSICAL STATE, SAMPLE APPEARANCE, TOTAL SULPHUR, LOSS ON DRYING, ANNEALING LOSS, ASH CONTENT, LRT TEST, AMMONIACAL NITROGEN, TOTAL CHROMIUM (10% SOLN), NICKEL (10% SOLN), ZINC (10% SOLN), COPPER (10% SOLN), LEAD (10% SOLN), PHENOLIC COMPOUNDS, MERCURY (10% SOLN), ARSENIC (10% SOLN), CYANIDE (10% SOLN), CADMIUM (10% SOLN), FLUORIDE (10% SOLN), NITRATE (10% SOLN), COD (10% SOLN), PH (10% SOLN), OIL AND GREASE BY	01	-	01

1.0 AMBIENT AIR QUALITY MONITORING REPORT

[Period: Dec 2025]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA BIOSUSTAIN PVT LTD

LABORATORY TESTING REPORT

Report No.: VBPL/AA/202512/0023			Date:		20/12/2025
URL No.: TC158532500001251F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	12/12/2025	Sampling Type	:	–
Sample Receipt Date	:	13/12/2025	Sample ID	:	AA/202512/0023
Sampling Location	:	On the roof of the laboratory	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	13/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	15/12/2025
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	64.5	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	µg/m³	33.8	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	µg/m³	16.2	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	µg/m³	22.6	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	12.05	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m³	BDL<0.5	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m³	BDL<0.5	Not Specified	IS: 5182(Part 26): 2020
11.	Arsenic as As	µg/m³	BDL<0.01	Not Specified	CPCB-NAAQS Monitoring & Analysis Guidelines, Vol.-I: 2013
12.	Benzene (C6H6)	µg/m³	BDL <1	Not Specified	IS 5182 (Part 11):2006
13	Benzo(a)pyrene(BaP)	ng/m³	BDL <1	Not Specified	IS 5182 (Part 12):2004

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

Verified By

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/AA/202512/0023/1			Date:		20/12/2025
URL No.: -					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	12/12/2025	Sampling Type	:	–
Sample Receipt Date	:	13/12/2025	Sample ID	:	AA/202512/0023/1
Sampling Location	:	On the roof of the laboratory	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	13/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	15/12/2025
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.	Hydrochloric Acid as HCL	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
2.	Hydrocarbon as HC	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
3.	Carbon Monoxide as CO	mg/m³	0.93	4.0	IS 5182 (Part 10): 1999

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

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Formerly known as "VASUNDHARA ENTERPRISE"

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

LABORATORY TESTING REPORT

Report No.: VBPL/AA/202512/0024			Date:		20/12/2025
URL No.: TC158532500001252F					
Name & Address of6Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	12/12/2025	Sampling Type	:	–
Sample Receipt Date	:	13/12/2025	Sample ID	:	AA/202512/0024
Sampling Location	:	Oppo. of C6CW4 Detox Side	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	13/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	15/12/2025
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	62.3	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	µg/m³	30.4	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	24.5	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	11.82	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m³	BDL<0.5	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m³	BDL<0.5	Not Specified	IS: 5182(Part 26): 2020
11.	Arsenic as As	µg/m³	BDL<0.01	Not Specified	CPCB-NAAQS Monitoring & Analysis Guidelines, Vol.-I: 2013
12.	Benzene (C6H6)	µg/m³	BDL <1	Not Specified	IS 5182 (Part 11):2006
13.	Benzo(a)pyrene (BaP)	ng/m³	BDL <1	Not Specified	IS 5182 (Part 12):2004

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

Verified By

Vasundhara Biosustain Pvt. Ltd. Ankleshwar

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/AA/202512/0024/1			Date:		20/12/2025
URL No.: --					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	12/12/2025	Sampling Type	:	–
Sample Receipt Date	:	13/12/2025	Sample ID	:	AA/202512/0024/1
Sampling Location	:	Oppo. of C6CW4 Detox Side	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	13/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	15/12/2025
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.	Hydrochloric Acid as HCL	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
2.	Hydrocarbon as HC	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
3.	Carbon Monoxide as CO	mg/m³	0.90	4.0	IS 5182 (Part 10): 1999

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

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VBPL/AA/202512/0025			Date:		20/12/2025
URL No.: TC158532500001253F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	12/12/2025	Sampling Type	:	–
Sample Receipt Date	:	13/12/2025	Sample ID	:	AA/202512/0025
Sampling Location	:	Landfill Phase-4 near Security Tower	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	13/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	15/12/2025
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}	$\mu g/m^3$	60.8	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	$\mu g/m^3$	32.6	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	$\mu g/m^3$	26.7	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	$\mu g/m^3$	12.41	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
11.	Arsenic as As	$\mu g/m^3$	BDL<0.01	Not Specified	CPCB-NAAQS Monitoring & Analysis Guidelines, Vol.-I: 2013
12.	Benzene (C6H6)	$\mu g/m^3$	BDL <1	Not Specified	IS 5182 (Part 11):2006
13.	Benzo(a)pyrene (BaP)	ng/m^3	BDL <1	Not Specified	IS 5182 (Part 12):2004

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

Verified By

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/AA/202512/0025/1			Date:		20/12/2025
URL No.: --					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	12/12/2025	Sampling Type	:	–
Sample Receipt Date	:	13/12/2025	Sample ID	:	AA/202512/0025/1
Sampling Location	:	Landfill Phase-4 near Security Tower	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	13/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	15/12/2025
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.	Hydrochloric Acid as HCL	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
2.	Hydrocarbon as HC	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
3.	Carbon Monoxide as CO	mg/m³	0.96	4.0	IS 5182 (Part 10): 1999

----------**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

Formerly known as "VASUNDHARA ENTERPRISE"

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GIDC Ankleshwar - 393002.

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

2.0 NOISE LEVEL MONITORING REPORT

[Period: Dec 2025]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA BIOSUSTAIN PVT LTD

LABORATORY TESTING REPORT

Report No.: VBPL/AN/202512/0003			Date:		20/12/2025
URL No.: TC158532500001246F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	12/12/2025	Sampling Type	:	Instrument Method
Sample Receipt Date	:	NA	Sample ID	:	AN/202512/0003
Sampling Location	:	As Per Table	Sample Description	:	Noise Monitoring
Sample Reported / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 9989-1991
Instrument calibration status	:	Calibrated	Format No.	:	7.8 F-07
Meteorological condition during monitoring	:	Clear Sky	Actual duration of Monitoring, (Minutes)	:	30

Ambient Noise Results

Sr. No.	Sampling Location	Day Time	Night Time	Unit	Protocol Used for Monitoring
Permissible Limit as per CPCB		**75**	**70**	**dB(A)**	-
1.	Nr. Main Gate	63	52	dB(A)	IS 9989-1981
2.	Nr. Incinerator Area	66	54	dB(A)	
3.	Nr. Lab Area	61	48	dB(A)	
4.	Nr. Admin Building	60	51	dB(A)	
5.	Nr. Truck Washing Area	65	53	dB(A)	
6.	Nr. Drum Storage Area	60	49	dB(A)	
7.	Nr. East of Incinerator Area	68	66	dB(A)	

----------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

Authorized Signatory

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

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

3.0 WATER QUALITY MONITORING REPORT

[Period: Dec 2025]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA BIOSUSTAIN PVT LTD

LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0010			Date:		20/12/2025
URL No.: TC158532500001234F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0010
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.18	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	8	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	5603	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	1.21	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.6	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3920.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	32.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	960	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	334	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.56	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1759	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	181	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.46	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.07	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	196	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	114.26	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0010			Date:		20/12/2025
URL No.: TC158532500001234F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0010
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	226	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4.1	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	6.7	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	0.114	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0010/1			Date:		20/12/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0010/1
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	5.85	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0011			Date:		20/12/2025
URL No.: TC158532500001235F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0011
Sampling Location	:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol Used for Analysis
1.	pH	–	7.34	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	4	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2354	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.2	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3.8	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1520.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	12.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	356	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	450	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.28	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	386	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	193	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	3.11	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.76	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	72	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	42.79	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0011			Date:		20/12/2025
URL No.: TC158532500001235F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0011
Sampling Location	:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol Used for Analysis
19.	Sodium (as Na)	mg/L	189	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.6	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	3.3	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	0.325	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0011/1			Date:		20/12/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0011/1
Sampling Location	:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	2.08	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0012			Date:		20/12/2025
URL No.: TC158532500001236F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0012
Sampling Location	:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	-	7.12	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	5	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2542	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.5	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.1	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1488.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	16.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	512	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	336	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	366	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	213	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	3.60	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.41	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	66	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	84.36	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	7.12	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	5	APHA 24th Edition 4500- NH3 B & C : 2023

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Formerly known as "VASUNDHARA ENTERPRISE"

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

LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0012			Date:		20/12/2025
URL No.: TC158532500001236F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0012
Sampling Location	:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	253	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.5	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	4.4	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0012/1			Date:		20/12/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0012/1
Sampling Location	:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	3.58	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0013			Date:		20/12/2025
URL No.: TC158532500001237F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0013
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.54	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	4.2	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	3020	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	1.03	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	2022.9	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	20.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	600	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	344	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.12	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	680	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	189	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	2.25	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.41	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	104	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	82.65	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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Vasundhara Biosustain Pvt. Ltd. Ankleshwar

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0013			Date:		20/12/2025
URL No.: TC158532500001237F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0013
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	274	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	5.6	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0013/1			Date:		20/12/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0013/1
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	3.17	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0014			Date:		20/12/2025
URL No.: TC158532500001238F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0014
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.2	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	14	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	5265	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	1.02	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	5.5	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3499.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	28.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	915	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	482	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.56	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1653	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	193	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.55	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.01	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	162	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	123.98	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0014			Date:		20/12/2025
URL No.: TC158532500001238F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0014
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	238	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	2.2	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	7.8	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	0.093	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0014/1			Date:		20/12/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0014/1
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	10.2	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0015			Date:		20/12/2025
URL No.: TC158532500001239F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0015
Sampling Location	:	HB-5 Down	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.56	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	3	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2844	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	1.06	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.2	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1744.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	16.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	580	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	406	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.56	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	560	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	205	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	2.16	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.15	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	82	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	91.16	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0015			Date:		20/12/2025
URL No.: TC158532500001239F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0015
Sampling Location	:	HB-5 Down	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	255	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.2	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	4.4	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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Contact:
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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0015/1			Date:		20/12/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0015/1
Sampling Location	:	HB-5 Down	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	2.24	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0016			Date:		20/12/2025
URL No.: TC158532500001240F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0016
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.52	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	12	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	4908	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.38	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3042.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	28.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	932	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	350	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	826	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	196	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.17	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.95	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	178	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	118.39	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0016			Date:		20/12/2025
URL No.: TC158532500001240F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0016
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	229	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	1.8	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	9.0	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	0.201	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0016/1			Date:		20/12/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0016/1
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	7.20	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0017			Date:		20/12/2025
URL No.: TC158532500001241F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0017
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.28	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	15	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	3382	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.99	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	5.6	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	2212.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	20.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	722	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	388	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	710	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	720	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.96	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.64	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	128	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	97.73	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0017			Date:		20/12/2025
URL No.: TC158532500001241F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0017
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	320	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4.4	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	5.6	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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

LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0017/1			Date:		20/12/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0017/1
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	6.1	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0018			Date:		20/12/2025
URL No.: TC158532500001242F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0018
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.42	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	18	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	5290	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.41	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3.5	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3262.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	32.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	1032	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	338	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.12	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1490	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	270	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	2.83	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.10	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	222	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	115.96	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0018			Date:		20/12/2025
URL No.: TC158532500001242F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0018
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	300	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	2.8	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	8.9	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0018/1			Date:		20/12/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0018/1
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	8.2	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0019			Date:		20/12/2025
URL No.: TC158532500001243F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0019
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	242	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4.8	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	5.5	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	1.043	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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Verified By

Vasundhara Biosustain Pvt. Ltd. Ankleshwar

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0019			Date:		20/12/2025
URL No.: TC158532500001243F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0019
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.25	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	4	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2408	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.33	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.9	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1588.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	24.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	610	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	308	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.12	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	678	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	172	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	2.56	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.86	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	108	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	82.65	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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Formerly known as "VASUNDHARA ENTERPRISE"

Office :
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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0019/1			Date:		20/12/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0019/1
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	2.94	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0020			Date:		20/12/2025
URL No.: TC158532500001244F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0020
Sampling Location	:	New EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.82	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	2.5	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2388	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.48	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1555.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	12.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	456	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	464	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.56	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	392	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	265	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	2.38	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.21	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	92	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	54.94	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0020			Date:		20/12/2025
URL No.: TC158532500001244F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0020
Sampling Location	:	New EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	224	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.9	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	4.4	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0020/1			Date:		20/12/2025
URL No.: -					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0020/1
Sampling Location	:	New EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	2.1	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0021			Date:		20/12/2025
URL No.: TC158532500001245F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0021
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.56	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	7	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	5165	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.64	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	5.5	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3452.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	56.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	925	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	346	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.40	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1284	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	302	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	6.49	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.26	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	226	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	87.52	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0021			Date:		20/12/2025
URL No.: TC158532500001245F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0021
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	334	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4.3	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	14.4	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0021/1			Date:		20/12/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	12/12/2025	Sample ID	:	W/202512/0021/1
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	9.25	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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Vasundhara Biosustain Pvt. Ltd. Ankleshwar

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0023			Date:		24/12 /2025
URL No.: TC158532500001294F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	17/12/2025	Sample ID	:	W/202512/0023
Sampling Location	:	Jitali Navinagari	Sample Description	:	Surface Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 L + 2 L + 1 L /3Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	23/12/2025
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	7.18	–	APHA 24th Edition 4500- H+ B : 2023
2.	Color	8	Pt. Co. Unit	APHA 24th Edition 2120 C: 2023
3.	Conductivity	3600	µS/cm	APHA 24th Edition 2510-B : 2023
4.	Turbidity	0.17	NTU	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	5.8	mg/L	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	2340	mg/L	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	16.00	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	730	mg/L	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	390	mg/L	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	0.84	mg/L	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	424.87	mg/L	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	93.04	mg/L	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	0.62	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.40	mg/L	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	146	mg/L	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	88.73	mg/L	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	125	mg/L	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	4.1	mg/L	APHA 24th Edition 3500-K B : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0023			Date:		24/12 /2025
URL No.: TC158532500001294F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	17/12/2025	Sample ID	:	W/202512/0023
Sampling Location	:	Jitali Navinagari	Sample Description	:	Surface Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 L + 2 L + 1 L /3Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	23/12/2025
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
21.	Manganese (as Mn)	BDL<0.01	mg/L	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	4.4	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	BDL<0.001	mg/L	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	BDL<0.01	mg/L	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	BDL<0.01	mg/L	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	BDL<0.005	mg/L	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	BDL<0.001	mg/L	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	0.071	mg/L	APHA 24th Edition 3500 Fe B : 2023
30.	Zinc (as Zn)	BDL<0.01	mg/L	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	BDL<0.001	mg/L	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	BDL<0.01	mg/L	APHA 24th Edition 3111 Cu B : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0023/1			Date:		24/12 /2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	17/12/2025	Sample ID	:	W/202512/0023/1
Sampling Location	:	Jitali Navinagari	Sample Description	:	Surface Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 L + 2 L + 1 L /3Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	23/12/2025
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.	TOC	0.76	mg/L	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2023
3.	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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0024			Date:		24/12 /2025
URL No.: TC158532500001295F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	17/12/2025	Sample ID	:	W/202512/0024
Sampling Location	:	Jitali Grampanchayat	Sample Description	:	Surface Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 L + 2 L + 1 L /3Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	23/12/2025
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	7.28	–	APHA 24th Edition 4500- H+ B : 2023
2.	Color	6	Pt. Co. Unit	APHA 24th Edition 2120 C: 2023
3.	Conductivity	2609	µS/cm	APHA 24th Edition 2510-B : 2023
4.	Turbidity	0.26	NTU	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	4.8	mg/L	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	1696	mg/L	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	20.00	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	520	mg/L	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	255	mg/L	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	1.12	mg/L	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	349.89	mg/L	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	130.80	mg/L	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	0.57	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.33	mg/L	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	100	mg/L	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	65.64	mg/L	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	186	mg/L	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	3.8	mg/L	APHA 24th Edition 3500-K B : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0024			Date:		24/12 /2025
URL No.: TC158532500001295F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	17/12/2025	Sample ID	:	W/202512/0024
Sampling Location	:	Jitali Grampanchayat	Sample Description	:	Surface Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 L + 2 L + 1 L /3Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	23/12/2025
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
21.	Manganese (as Mn)	BDL<0.01	mg/L	APHA 24th Edition 3111 Mn B : 2023
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 : 2023
24.	Lead (as Pb)	BDL<0.001	mg/L	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	BDL<0.01	mg/L	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	BDL<0.01	mg/L	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	BDL<0.005	mg/L	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	BDL<0.001	mg/L	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	0.047	mg/L	APHA 24th Edition 3500 Fe B : 2023
30.	Zinc (as Zn)	BDL<0.01	mg/L	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	BDL<0.001	mg/L	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	BDL<0.01	mg/L	APHA 24th Edition 3111 Cu B : 2023

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Report No.: VBPL/W/202512/0024/1			Date:		24/12 /2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	17/12/2025	Sample ID	:	W/202512/0024/1
Sampling Location	:	Jitali Grampanchayat	Sample Description	:	Surface Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 L + 2 L + 1 L /3Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	23/12/2025
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.	TOC	1.15	mg/L	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0025			Date:		24/12 /2025
URL No.: TC158532500001296F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	17/12/2025	Sample ID	:	W/202512/0025
Sampling Location	:	CM Tank	Sample Description	:	Surface Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 L + 2 L + 1 L /3Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	23/12/2025
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	7.01	–	APHA 24th Edition 4500- H+ B : 2023
2.	Color	10	Pt. Co. Unit	APHA 24th Edition 2120 C: 2023
3.	Conductivity	5355	µS/cm	APHA 24th Edition 2510-B : 2023
4.	Turbidity	0.81	NTU	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	5.5	mg/L	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	3481	mg/L	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	32.00	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	1130	mg/L	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	410	mg/L	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	0.84	mg/L	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	944.71	mg/L	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	287.50	mg/L	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	8.90	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	0.50	mg/L	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	288	mg/L	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	99.67	mg/L	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	228	mg/L	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	3.5	mg/L	APHA 24th Edition 3500-K B : 2023

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Report No.: VBPL/W/202512/0025			Date:		24/12 /2025
URL No.: TC158532500001296F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	17/12/2025	Sample ID	:	W/202512/0025
Sampling Location	:	CM Tank	Sample Description	:	Surface Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 L + 2 L + 1 L /3Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	23/12/2025
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
21.	Manganese (as Mn)	BDL<0.01	mg/L	APHA 24th Edition 3111 Mn B : 2023
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 : 2023
24.	Lead (as Pb)	BDL<0.001	mg/L	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	BDL<0.01	mg/L	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	BDL<0.01	mg/L	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	BDL<0.005	mg/L	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	BDL<0.001	mg/L	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	0.071	mg/L	APHA 24th Edition 3500 Fe B : 2023
30.	Zinc (as Zn)	BDL<0.01	mg/L	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	BDL<0.001	mg/L	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	BDL<0.01	mg/L	APHA 24th Edition 3111 Cu B : 2023

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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. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	17/12/2025	Sample ID	:	W/202512/0025/1
Sampling Location	:	CM Tank	Sample Description	:	Surface Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 L + 2 L + 1 L /3Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	23/12/2025
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.	TOC	9.3	mg/L	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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Report No.: VBPL/W/202512/0026			Date:		24/12 /2025
URL No.: TC158532500001297F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	17/12/2025	Sample ID	:	W/202512/0026
Sampling Location	:	GNFC Pond	Sample Description	:	Surface Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 L + 2 L + 1 L /3Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	23/12/2025
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	8.33	–	APHA 24th Edition 4500- H+ B : 2023
2.	Color	5	Pt. Co. Unit	APHA 24th Edition 2120 C: 2023
3.	Conductivity	551	µS/cm	APHA 24th Edition 2510-B : 2023
4.	Turbidity	0.28	NTU	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	3.1	mg/L	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	358	mg/L	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	12.00	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	125	mg/L	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	70	mg/L	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	0.56	mg/L	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	34.99	mg/L	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	26.61	mg/L	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	1.06	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	BDL<0.2	mg/L	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	10	mg/L	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	24.31	mg/L	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	20	mg/L	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	2.2	mg/L	APHA 24th Edition 3500-K B : 2023

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Report No.: VBPL/W/202512/0026			Date:		24/12 /2025
URL No.: TC158532500001297F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	17/12/2025	Sample ID	:	W/202512/0026
Sampling Location	:	GNFC Pond	Sample Description	:	Surface Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 L + 2 L + 1 L /3Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	23/12/2025
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
21.	Manganese (as Mn)	BDL<0.01	mg/L	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	3.3	mg/L	IS 3025 (Part 44) : 1993
23.	Oil and Grease	BDL<1.0	mg/L	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	BDL<0.001	mg/L	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	BDL<0.01	mg/L	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	BDL<0.01	mg/L	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	BDL<0.005	mg/L	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	BDL<0.001	mg/L	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	0.095	mg/L	APHA 24th Edition 3500 Fe B : 2023
30.	Zinc (as Zn)	BDL<0.01	mg/L	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	BDL<0.001	mg/L	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	BDL<0.01	mg/L	APHA 24th Edition 3111 Cu B : 2023

----------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 Biosustain Pvt Ltd Ankleshwar

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0026/1			Date:		24/12 /2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	17/12/2025	Sample ID	:	W/202512/0026/1
Sampling Location	:	GNFC Pond	Sample Description	:	Surface Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 L + 2 L + 1 L /3Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	23/12/2025
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.	TOC	2.6	mg/L	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2023
3.	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

Authorized Signatory

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

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

LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0027			Date:		24/12 /2025
URL No.: TC158532500001298F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	17/12/2025	Sample ID	:	W/202512/0027
Sampling Location	:	GIDC Pond	Sample Description	:	Surface Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 L + 2 L + 1 L /3Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	23/12/2025
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	8.03	–	APHA 24th Edition 4500- H+ B : 2023
2.	Color	7	Pt. Co. Unit	APHA 24th Edition 2120 C: 2023
3.	Conductivity	600	µS/cm	APHA 24th Edition 2510-B : 2023
4.	Turbidity	0.54	NTU	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	2.6	mg/L	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	390	mg/L	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	BDL<4	mg/L	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	155	mg/L	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	90	mg/L	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	0.28	mg/L	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	18.99	mg/L	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	15.36	mg/L	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	1.21	mg/L	IS 3025 (Part 34) : 2022
14.	Fluoride	BDL<0.2	mg/L	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	14	mg/L	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	29.17	mg/L	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	BDL<0.3	mg/L	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	BDL<0.3	mg/L	APHA 24th Edition 4500- NH3 B & C : 2023
19.	Sodium (as Na)	16	mg/L	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	1.7	mg/L	APHA 24th Edition 3500-K B : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0027			Date:		24/12 /2025
URL No.: TC158532500001298F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	17/12/2025	Sample ID	:	W/202512/0027
Sampling Location	:	GIDC Pond	Sample Description	:	Surface Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 L + 2 L + 1 L /3Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	23/12/2025
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
21.	Manganese (as Mn)	BDL<0.01	mg/L	APHA 24th Edition 3111 Mn B : 2023
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 : 2023
24.	Lead (as Pb)	BDL<0.001	mg/L	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	BDL<0.01	mg/L	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	BDL<0.01	mg/L	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	BDL<0.005	mg/L	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	BDL<0.001	mg/L	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	0.047	mg/L	APHA 24th Edition 3500 Fe B : 2023
30.	Zinc (as Zn)	BDL<0.01	mg/L	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	BDL<0.001	mg/L	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	BDL<0.01	mg/L	APHA 24th Edition 3111 Cu B : 2023

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

LABORATORY TESTING REPORT

Report No.: VBPL/W/202512/0027/1			Date:		24/12 /2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Grab
Date of Sample Received	:	17/12/2025	Sample ID	:	W/202512/0027/1
Sampling Location	:	GIDC Pond	Sample Description	:	Surface Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	2 L + 2 L + 1 L /3Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	23/12/2025
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.	TOC	0.68	mg/L	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	BDL<0.02	mg/L	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	ND	mg/L	As Per USEPA

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

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4.0 STACK MONITORING REPORT

[Period: Dec 2025]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA BIOSUSTAIN PVT LTD

LABORATORY TESTING REPORT

Report No.: VBPL/SE/202512/0016			Date:		20/12/2025
URL No.: TC158532500001284F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sample Collection Date	:	17/12/2025	Sampling Type	:	Isokinetic Sampling
Sample Receipt Date	:	17/12/2025	Sample ID	:	SE/202512/0016
Sampling Location	:	DG Set 1 (975 KWA)	Sample Description	:	Stack Emission
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 11255
Quantity / No. of Sample	:	1 No. Of Thimble + Scrubbing Absorbing Media/Each	Analysis Started On	:	17/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	Stack Temperature °C	:	124
Stack Kit Sr. No.	:	2002060268	Date Of Issue	:	18/02/2025
Calibration Certificates No.	:	ENP2312261327-S	Due Date	:	17/02/2026
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	6.8	--	m/s	IS 11255 (Part 3), 2008
2.	Particulate Matter as PM	58.53	150	mg/Nm^3	IS 11255 (Part 01): 1985
3.	Sulphur Dioxide as SO_2	10.52	100	ppm	IS 11255 (Part 02): 1985
4.	Oxides of Nitrogen as NO_x	9.36	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

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/SE/202512/0017			Date:		20/12/2025
URL No.: TC158532500001285F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sample Collection Date	:	17/12/2025	Sampling Type	:	Isokinetic Sampling
Sample Receipt Date	:	17/12/2025	Sample ID	:	SE/202512/0017
Sampling Location	:	DG Set 2 (975 KWA)	Sample Description	:	Stack Emission
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 11255
Quantity / No. of Sample	:	1 No. Of Thimble + Scrubbing Absorbing Media/Each	Analysis Started On	:	17/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	18/12/2025
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	:	27.6	Stack Temperature °C	:	120
Stack Kit Sr. No.	:	2002060268	Date Of Issue	:	18/02/2025
Calibration Certificates No.	:	ENP2312261327-S	Due Date	:	17/02/2026
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	63.02	150	mg/Nm^3	IS 11255 (Part 01): 1985
3.	Sulphur Dioxide as SO_2	8.61	100	ppm	IS 11255 (Part 02): 1985
4.	Oxides of Nitrogen as NO_x	7.59	50	ppm	IS 11255 (Part 07): 2005

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

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Verified By

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/PE/202512/0017			Date:		20/12/2025
URL No.: TC158532500001247F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sample Collection Date	:	12/12/2025	Sampling Type	:	Isokinetic Sampling
Sample Receipt Date	:	12/12/2025	Sample ID	:	PE/202512/0017
Sampling Location	:	SPD Stack MEE Plant	Sample Description	:	Process Emission
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 11255
Quantity / No. of Sample	:	1 No. Of Thimble/Each	Analysis Started On	:	13/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	13/12/2025
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	Stack Temperature °C	:	85
Stack Kit Sr. No.	:	2002060268	Date Of Issue	:	18/02/2025
Calibration Certificates No.	:	ENP2312261327-S	Due Date	:	17/02/2026
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	6.8	--	m/s	IS 11255 (Part 3), 2008
2.	Particulate Matter as PM	52.36	150	mg/Nm^3	IS 11255 (Part 01): 1985

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

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Verified By

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/PE/202512/0018			Date:		20/12/2025
URL No.: TC158532500001248F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sample Collection Date	:	12/12/2025	Sampling Type	:	Isokinetic Sampling
Sample Receipt Date	:	12/12/2025	Sample ID	:	PE/202512/0018
Sampling Location	:	Landfillable Waste Stabilization area Scrubber (Shed No. 11)	Sample Description	:	Process Emission
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 11255
Quantity / No. of Sample	:	1 No. Of Thimble + Scrubbing Absorbing Media/Each	Analysis Started On	:	13/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	13/12/2025
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	:	27.8	Stack Temperature °C	:	68
Stack Kit Sr. No.	:	2002060268	Date Of Issue	:	18/02/2025
Calibration Certificates No.	:	ENP2312261327-S	Due Date	:	17/02/2026
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	35.28	150	mg/Nm^3	IS 11255 (Part 01): 1985

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

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Verified By

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/PE/202512/0018/1			Date:		20/12/2025
URL No.: –					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sample Collection Date	:	12/12/2025	Sampling Type	:	Isokinetic Sampling
Sample Receipt Date	:	12/12/2025	Sample ID	:	PE/202512/0018/1
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	:	13/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	13/12/2025
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	:	27.8	Stack Temperature °C	:	68
Stack Kit Sr. No.	:	2002060268	Date Of Issue	:	18/02/2025
Calibration Certificates No.	:	ENP2312261327-S	Due Date	:	17/02/2026
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

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

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Verified By

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/PE/202512/0019			Date:		20/12/2025
URL No.: TC158532500001249F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sample Collection Date	:	12/12/2025	Sampling Type	:	Isokinetic Sampling
Sample Receipt Date	:	12/12/2025	Sample ID	:	PE/202512/0019
Sampling Location	:	PIT Mixing Scrubber Area	Sample Description	:	Process Emission
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 11255
Quantity / No. of Sample	:	1 No. Of Thimble + Scrubbing Absorbing Media/Each	Analysis Started On	:	13/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	13/12/2025
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	Stack Temperature °C	:	60
Stack Kit Sr. No.	:	2002060268	Date Of Issue	:	18/02/2025
Calibration Certificates No.	:	ENP2312261327-S	Due Date	:	17/02/2026
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	30.64	150	mg/Nm^3	IS 11255 (Part 01): 1985

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

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

Verified By

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/PE/202512/0019/1			Date:		20/12/2025
URL No.: –					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sample Collection Date	:	12/12/2025	Sampling Type	:	Isokinetic Sampling
Sample Receipt Date	:	12/12/2025	Sample ID	:	PE/202512/0019/1
Sampling Location	:	PIT Mixing Scrubber Area	Sample Description	:	Process Emission
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 11255
Quantity / No. of Sample	:	1 No. Of Thimble + Scrubbing Absorbing Media/Each	Analysis Started On	:	13/12/2025
Packing / Seal	:	Cap Seal	Analysis Completed On	:	13/12/2025
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	Stack Temperature °C	:	60
Stack Kit Sr. No.	:	2002060268	Date Of Issue	:	18/02/2025
Calibration Certificates No.	:	ENP2312261327-S	Due Date	:	17/02/2026
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

----------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

5.0 SOIL MONITORING REPORT

Period: Dec 2025]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA BIOSUSTAIN PVT LTD

LABORATORY TESTING REPORT

Report No.: VBPL/S/202512/0001			Date:		23/12/2025
URL No.: TC158532500001286F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Composite
Date of Sample Received	:	17/12/2025	Sample ID	:	S/202512/0001
Sampling Location	:	Near HB-7	Sample Description	:	Soil
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Seal Pack	Analysis Completed On	:	22/12/2025
Type of Container	:	Plastic Bag	Format No.	:	7.8 F-04
Environmental Condition during the test			25°C ±3 °C		

Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	9.31	-	IS 2720 (Part 26) : 1987
2.	Conductivity	811	µS/cm	IS: 14767: 2000

----------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

Vasundhara Biosustain Pvt. Ltd. Ankleshwar

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/S/202512/0001/1			Date:		23/12/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Composite
Date of Sample Received	:	17/12/2025	Sample ID	:	S/202512/0001/1
Sampling Location	:	Near HB-7	Sample Description	:	Soil
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Seal Pack	Analysis Completed On	:	22/12/2025
Type of Container	:	Plastic Bag	Format No.	:	7.8 F-04
Environmental Condition during the test			25°C ±3 °C		

Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	Lead as Pb by TCLP	0.07	mg/L	APHA 24th Edi. 3111 PbB : 2023
2.	Cadmium as Cd by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cd B : 2023
3.	Copper as Cu by TCLP	0.48	mg/L	APHA 24th Edi. 3111 Cu B : 2023
4.	Chromium as Cr by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cr B : 2023
5.	Nickel as Ni by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Ni B : 2023
6.	Arsenic as As by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3114 As B : 2023
7.	Manganese as Mn by TCLP	9.63	mg/L	APHA 24th Edi. 3111 Mn B: 2023
8.	Zinc as Zn by TCLP	0.5	mg/L	APHA 24th Edi. 3111 Zn B : 2023
9.	TDS by TCLP	527	mg/L	APHA 24th Edition 2540- C: 2023
10.	TOC	0.65	%	IS 2720 (Part 22) : 1972
11.	Fluoride	1.12	mg/L	APHA 24th Edi. 4500 F- B&D:2023
12.	Mercury as Hg by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3112 Hg B : 2023
13.	Cyanide as CN	BDL<0.02	mg/L	APHA 24th Edi. 4500- CN- B & E: 2023
14.	PAH	ND	mg/L	EPA Method : 610

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

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Verified By

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/S/202512/0003			Date:		23/12/2025
URL No.: TC158532500001288F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Composite
Date of Sample Received	:	17/12/2025	Sample ID	:	S/202512/0003
Sampling Location	:	B/H Shead No.-07	Sample Description	:	Soil
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Seal Pack	Analysis Completed On	:	22/12/2025
Type of Container	:	Plastic Bag	Format No.	:	7.8 F-04
Environmental Condition during the test			25°C ±3 °C		

Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	8.61	-	IS 2720 (Part 26) : 1987
2.	Conductivity	369	µS/cm	IS: 14767: 2000

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

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Verified By

Authorized Signatory

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

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

LABORATORY TESTING REPORT

Report No.: VBPL/S/202512/0003/1			Date:		23/12/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Composite
Date of Sample Received	:	17/12/2025	Sample ID	:	S/202512/0003/1
Sampling Location	:	B/H Shead No.-07	Sample Description	:	Soil
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Seal Pack	Analysis Completed On	:	22/12/2025
Type of Container	:	Plastic Bag	Format No.	:	7.8 F-04
Environmental Condition during the test			25°C ±3 °C		

Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	Lead as Pb by TCLP	0.05	mg/L	APHA 24th Edi. 3111 PbB : 2023
2.	Cadmium as Cd by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cd B : 2023
3.	Copper as Cu by TCLP	0.35	mg/L	APHA 24th Edi. 3111 Cu B : 2023
4.	Chromium as Cr by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cr B : 2023
5.	Nickel as Ni by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Ni B : 2023
6.	Arsenic as As by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3114 As B : 2023
7.	Manganese as Mn by TCLP	10.04	mg/L	APHA 24th Edi. 3111 Mn B: 2023
8.	Zinc as Zn by TCLP	0.38	mg/L	APHA 24th Edi. 3111 Zn B : 2023
9.	TDS by TCLP	244	mg/L	APHA 24th Edition 2540- C: 2023
10.	TOC	0.72	%	IS 2720 (Part 22) : 1972
11.	Fluoride	0.93	mg/L	APHA 24th Edi. 4500 F- B&D:2023
12.	Mercury as Hg by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3112 Hg B : 2023
13.	Cyanide as CN	BDL<0.02	mg/L	APHA 24th Edi. 4500- CN- B & E: 2023
14.	PAH	ND	mg/L	EPA Method : 610

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

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

Verified By

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/S/202512/0004			Date:		23/12/2025
URL No.: TC158532500001289F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Composite
Date of Sample Received	:	17/12/2025	Sample ID	:	S/202512/0004
Sampling Location	:	Near Incinerator Plant	Sample Description	:	Soil
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Seal Pack	Analysis Completed On	:	22/12/2025
Type of Container	:	Plastic Bag	Format No.	:	7.8 F-04
Environmental Condition during the test			25°C ±3 °C		

Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	7.28	-	IS 2720 (Part 26) : 1987
2.	Conductivity	588	µS/cm	IS: 14767: 2000

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

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Verified By

Authorized Signatory

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

LABORATORY TESTING REPORT

Report No.: VBPL/S/202512/0004/1			Date:		23/12/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Composite
Date of Sample Received	:	17/12/2025	Sample ID	:	S/202512/0004/1
Sampling Location	:	Near Incinerator Plant	Sample Description	:	Soil
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Seal Pack	Analysis Completed On	:	22/12/2025
Type of Container	:	Plastic Bag	Format No.	:	7.8 F-04
Environmental Condition during the test			25°C ±3 °C		

Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	Lead as Pb by TCLP	0.06	mg/L	APHA 24th Edi. 3111 PbB : 2023
2.	Cadmium as Cd by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cd B : 2023
3.	Copper as Cu by TCLP	0.3	mg/L	APHA 24th Edi. 3111 Cu B : 2023
4.	Chromium as Cr by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cr B : 2023
5.	Nickel as Ni by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Ni B : 2023
6.	Arsenic as As by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3114 As B : 2023
7.	Manganese as Mn by TCLP	10.84	mg/L	APHA 24th Edi. 3111 Mn B: 2023
8.	Zinc as Zn by TCLP	0.45	mg/L	APHA 24th Edi. 3111 Zn B : 2023
9.	TDS by TCLP	350	mg/L	APHA 24th Edition 2540- C: 2023
10.	TOC	0.58	%	IS 2720 (Part 22) : 1972
11.	Fluoride	1.06	mg/L	APHA 24th Edi. 4500 F- B&D:2023
12.	Mercury as Hg by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3112 Hg B : 2023
13.	Cyanide as CN	BDL<0.02	mg/L	APHA 24th Edi. 4500- CN- B & E: 2023
14.	PAH	ND	mg/L	EPA Method : 610

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

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Verified By

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/S/202512/0005			Date:		23/12/2025
URL No.: TC158532500001290F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Composite
Date of Sample Received	:	17/12/2025	Sample ID	:	S/202512/0005
Sampling Location	:	Near Industrial Solvent	Sample Description	:	Soil
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Seal Pack	Analysis Completed On	:	22/12/2025
Type of Container	:	Plastic Bag	Format No.	:	7.8 F-04
Environmental Condition during the test			25°C ±3 °C		

Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	7.29	-	IS 2720 (Part 26) : 1987
2.	Conductivity	450	µS/cm	IS: 14767: 2000

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

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Verified By

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/S/202512/0005/1			Date:		23/12/2025
URL No.: -					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Composite
Date of Sample Received	:	17/12/2025	Sample ID	:	S/202512/0005/1
Sampling Location	:	Near Industrial Solvent	Sample Description	:	Soil
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Seal Pack	Analysis Completed On	:	22/12/2025
Type of Container	:	Plastic Bag	Format No.	:	7.8 F-04
Environmental Condition during the test			25°C ±3 °C		

Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	Lead as Pb by TCLP	0.08	mg/L	APHA 24th Edi. 3111 PbB : 2023
2.	Cadmium as Cd by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cd B : 2023
3.	Copper as Cu by TCLP	0.51	mg/L	APHA 24th Edi. 3111 Cu B : 2023
4.	Chromium as Cr by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cr B : 2023
5.	Nickel as Ni by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Ni B : 2023
6.	Arsenic as As by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3114 As B : 2023
7.	Manganese as Mn by TCLP	8.73	mg/L	APHA 24th Edi. 3111 Mn B: 2023
8.	Zinc as Zn by TCLP	0.31	mg/L	APHA 24th Edi. 3111 Zn B : 2023
9.	TDS by TCLP	205	mg/L	APHA 24th Edition 2540- C: 2023
10.	TOC	0.42	%	IS 2720 (Part 22) : 1972
11.	Fluoride	0.57	mg/L	APHA 24th Edi. 4500 F- B&D:2023
12.	Mercury as Hg by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3112 Hg B : 2023
13.	Cyanide as CN	BDL<0.02	mg/L	APHA 24th Edi. 4500- CN- B & E: 2023
14.	PAH	ND	mg/L	EPA Method : 610

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

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Verified By

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/S/202512/0006			Date:		23/12/2025
URL No.: TC158532500001291F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Composite
Date of Sample Received	:	17/12/2025	Sample ID	:	S/202512/0006
Sampling Location	:	Near Landfill	Sample Description	:	Soil
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Seal Pack	Analysis Completed On	:	22/12/2025
Type of Container	:	Plastic Bag	Format No.	:	7.8 F-04
Environmental Condition during the test			25°C ±3 °C		

Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	7.86	-	IS 2720 (Part 26) : 1987
2.	Conductivity	388	µS/cm	IS: 14767: 2000

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

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

LABORATORY TESTING REPORT

Report No.: VBPL/S/202512/0006/1			Date:		23/12/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Composite
Date of Sample Received	:	17/12/2025	Sample ID	:	S/202512/0006/1
Sampling Location	:	Near Landfill	Sample Description	:	Soil
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Seal Pack	Analysis Completed On	:	22/12/2025
Type of Container	:	Plastic Bag	Format No.	:	7.8 F-04
Environmental Condition during the test			25°C ±3 °C		

Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	Lead as Pb by TCLP	0.03	mg/L	APHA 24th Edi. 3111 PbB : 2023
2.	Cadmium as Cd by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cd B : 2023
3.	Copper as Cu by TCLP	0.24	mg/L	APHA 24th Edi. 3111 Cu B : 2023
4.	Chromium as Cr by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cr B : 2023
5.	Nickel as Ni by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Ni B : 2023
6.	Arsenic as As by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3114 As B : 2023
7.	Manganese as Mn by TCLP	9.41	mg/L	APHA 24th Edi. 3111 Mn B: 2023
8.	Zinc as Zn by TCLP	0.55	mg/L	APHA 24th Edi. 3111 Zn B : 2023
9.	TDS by TCLP	141.1	mg/L	APHA 24th Edition 2540- C: 2023
10.	TOC	0.55	%	IS 2720 (Part 22) : 1972
11.	Fluoride	0.80	mg/L	APHA 24th Edi. 4500 F- B&D:2023
12.	Mercury as Hg by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3112 Hg B : 2023
13.	Cyanide as CN	BDL<0.02	mg/L	APHA 24th Edi. 4500- CN- B & E: 2023
14.	PAH	ND	mg/L	EPA Method : 610

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

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

Verified By

Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

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

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

LABORATORY TESTING REPORT

Report No.: VBPL/S/202512/0007			Date:		23/12/2025
URL No.: TC158532500001292F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Composite
Date of Sample Received	:	17/12/2025	Sample ID	:	S/202512/0007
Sampling Location	:	Stabilization Area	Sample Description	:	Soil
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Seal Pack	Analysis Completed On	:	22/12/2025
Type of Container	:	Plastic Bag	Format No.	:	7.8 F-04
Environmental Condition during the test			25°C ±3 °C		

Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	7.81	-	IS 2720 (Part 26) : 1987
2.	Conductivity	290	µS/cm	IS: 14767: 2000

----------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

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

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

LABORATORY TESTING REPORT

Report No.: VBPL/S/202512/0007/1			Date:		23/12/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Composite
Date of Sample Received	:	17/12/2025	Sample ID	:	S/202512/0007/1
Sampling Location	:	Stabilization Area	Sample Description	:	Soil
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Seal Pack	Analysis Completed On	:	22/12/2025
Type of Container	:	Plastic Bag	Format No.	:	7.8 F-04
Environmental Condition during the test			25°C ±3 °C		

Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	Lead as Pb by TCLP	0.04	mg/L	APHA 24th Edi. 3111 PbB : 2023
2.	Cadmium as Cd by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cd B : 2023
3.	Copper as Cu by TCLP	0.43	mg/L	APHA 24th Edi. 3111 Cu B : 2023
4.	Chromium as Cr by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cr B : 2023
5.	Nickel as Ni by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Ni B : 2023
6.	Arsenic as As by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3114 As B : 2023
7.	Manganese as Mn by TCLP	7.58	mg/L	APHA 24th Edi. 3111 Mn B: 2023
8.	Zinc as Zn by TCLP	0.43	mg/L	APHA 24th Edi. 3111 Zn B : 2023
9.	TDS by TCLP	120	mg/L	APHA 24th Edition 2540- C: 2023
10.	TOC	0.39	%	IS 2720 (Part 22) : 1972
11.	Fluoride	0.99	mg/L	APHA 24th Edi. 4500 F- B&D:2023
12.	Mercury as Hg by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3112 Hg B : 2023
13.	Cyanide as CN	BDL<0.02	mg/L	APHA 24th Edi. 4500- CN- B & E: 2023
14.	PAH	ND	mg/L	EPA Method : 610

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

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Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/S/202512/0008			Date:		23/12/2025
URL No.: TC158532500001293F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Composite
Date of Sample Received	:	17/12/2025	Sample ID	:	S/202512/0008
Sampling Location	:	HB-1 / Behind Lab	Sample Description	:	Soil
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Seal Pack	Analysis Completed On	:	22/12/2025
Type of Container	:	Plastic Bag	Format No.	:	7.8 F-04
Environmental Condition during the test			25°C ±3 °C		

Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	pH	7.33	-	IS 2720 (Part 26) : 1987
2.	Conductivity	452	µS/cm	IS: 14767: 2000

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

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Verified By

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/S/202512/0008/1			Date:		23/12/2025
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	17/12/2025	Sampling Type	:	Composite
Date of Sample Received	:	17/12/2025	Sample ID	:	S/202512/0008/1
Sampling Location	:	HB-1 / Behind Lab	Sample Description	:	Soil
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	SOP Based
Quantity / No. of Sample	:	2 Kg/1 Nos.	Analysis Started On	:	17/12/2025
Packing / Seal	:	Seal Pack	Analysis Completed On	:	22/12/2025
Type of Container	:	Plastic Bag	Format No.	:	7.8 F-04
Environmental Condition during the test			25°C ±3 °C		

Test Results

Sr. No.	Parameters	Result	Unit	Protocol used for Analysis
1.	Lead as Pb by TCLP	0.06	mg/L	APHA 24th Edi. 3111 PbB : 2023
2.	Cadmium as Cd by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cd B : 2023
3.	Copper as Cu by TCLP	0.33	mg/L	APHA 24th Edi. 3111 Cu B : 2023
4.	Chromium as Cr by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Cr B : 2023
5.	Nickel as Ni by TCLP	BDL<1	mg/L	APHA 24th Edi. 3111 Ni B : 2023
6.	Arsenic as As by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3114 As B : 2023
7.	Manganese as Mn by TCLP	11.13	mg/L	APHA 24th Edi. 3111 Mn B: 2023
8.	Zinc as Zn by TCLP	0.61	mg/L	APHA 24th Edi. 3111 Zn B : 2023
9.	TDS by TCLP	209	mg/L	APHA 24th Edition 2540- C: 2023
10.	TOC	0.76	%	IS 2720 (Part 22) : 1972
11.	Fluoride	1.27	mg/L	APHA 24th Edi. 4500 F- B&D:2023
12.	Mercury as Hg by TCLP	BDL<0.01	mg/L	APHA 24th Edi. 3112 Hg B : 2023
13.	Cyanide as CN	BDL<0.02	mg/L	APHA 24th Edi. 4500- CN- B & E: 2023
14.	PAH	ND	mg/L	EPA Method : 610

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

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Verified By

Authorized Signatory

6.0 SOLID WASTE MONITORING REPOT

Period: Dec 2025]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA BIOSUSTAIN PVT LTD

LABORATORY TESTING REPORT

Report No.: VBPL/SW/202512/0003			Date:		20/12/2025
URL No.: TC158532500001250F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	–
Date of Sample Received	:	12/12/2025	Sample ID	:	SW/202512/0003
Sampling Location	:	Empty Truck Yard	Sample Description	:	Solid Waste
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	SOP Based
Quantity / No. of Sample	:	1 kg / 1 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Seal Pack	Analysis Completed On	:	17/12/2025
Type of Container	:	Plastic Bag	Format No.	:	7.8 F-03
Environmental Condition during the test			25°C ±3 °C		

Test Results

Sr. No.	Parameters	Unit	Result	Protocol Used for Analysis
1.	PH (10 % Soln)	-	8.81	IS 10158: 1982
2.	Calorific Value	cal/g	284	SOP for Waste-, Issue No. 2 : 2023
3.	Loss On Drying at 110 °C	%	50.00	IS 9235: 1979
4.	Ash Contain	%	48.00	IS 10158: 1982

----------End of Report----------

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VBPL/SW/202512/0003/1			Date:		20/12/2025
URL No.:--					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	12/12/2025	Sampling Type	:	–
Date of Sample Received	:	12/12/2025	Sample ID	:	SW/202512/0003/1
Sampling Location	:	Empty Truck Yard	Sample Description	:	Solid Waste
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	SOP Based
Quantity / No. of Sample	:	1 kg / 1 Nos.	Analysis Started On	:	12/12/2025
Packing / Seal	:	Seal Pack	Analysis Completed On	:	17/12/2025
Type of Container	:	Plastic Bag	Format No.	:	7.8 F-03
Environmental Condition during the test			25°C ±3 °C		

Test Results

Sr. No.	Parameters	Unit	Result	Protocol Used for Analysis
5.	Compatibility	-	Compatible	EPA-600/2-80-076
6.	Flammability	-	Not Flammable	Qualitative Organic Analysis
7.	Halogen	%	0.88	APHA 4500-CL-B
8.	PFLT Test	-	No Free Liquid Present	US EPA Method 9095B
9.	Physical State	-	Solid	Visual Method
10.	Total Sulfur	%	0.63	ASTM D5291 - 10(2015) : 2015
11.	Annealing Loss	%	5.83	SOP for Waste- (Issue No. 2):2023
12.	LRT Test	ml	No Free Liquid Present	USEPA 9096
13.	Ammonical Nitrogen (10% Soln)	mg/l	12.1	APHA 24th Edition 4500- NH3 B & C : 2023
14.	Total Chromium(10 % Soln)	mg/l	ND	APHA 24th Edi. 3111 Cr B : 2023
15.	Nickel as Ni (10 % Soln)	mg/l	0.88	APHA 24th Edi. 3111 Ni B : 2023
16.	Zinc as Zn (10 % Soln)	mg/l	ND	APHA 24th Edi. 3111 Zn B : 2023
17.	Copper as Cu (10 % Soln)	mg/l	1.71	APHA 24th Edi. 3111 Cu B : 2023
18.	Lead as Pb (10 % Soln)	mg/l	ND	APHA 24th Edi. 3111 PbB : 2023
19.	Phenolic Compound (10 % Soln)	mg/l	0.30	APHA 24th Edition 5530-B, D : 2023
20.	Mercury as Hg (10 % Soln)	mg/l	ND	APHA 24th Edition 3112 Hg B : 2023
21.	Cyanide as CN (10 % Soln)	mg/l	ND	APHA 24th Edition 4500- CN- B & E: 2023
22.	Cadmium as Cd (10 % Soln)	mg/l	ND	APHA 24th Edi. 3111 Cd B : 2023
23.	Fluoride (10 % Soln)	mg/l	12.85	APHA 24th Edition 4500- F- B & D : 2023
24.	Nitrate (10 % Soln)	mg/l	512	IS 3025 (Part 34) : 2022
25.	COD (10 % Soln)	mg/l	0.5	IS 3025 (Part 58) : 2022
26.	Oil & Grease	%	0.3	Soxhlet Method
27.	Arsenic by (10 % Soln)	mg/l	ND	APHA 24th Edi. 3114 As B : 2023

End of Report

Verified By

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/AA/202601/0004			Date:		10/01/2026
URL No.: TC158532500001357F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	02/01/2026	Sampling Type	:	–
Sample Receipt Date	:	03/01/2026	Sample ID	:	AA/202601/0004
Sampling Location	:	On the roof of the laboratory	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	03/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	05/01/2026
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}	$\mu g/m^3$	66.1	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	$\mu g/m^3$	17.8	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	$\mu g/m^3$	24.5	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	$\mu g/m^3$	12.51	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
11.	Arsenic as As	$\mu g/m^3$	BDL<0.01	Not Specified	CPCB-NAAQS Monitoring & Analysis Guidelines, Vol.-I: 2013
12.	Benzene (C6H6)	$\mu g/m^3$	BDL <1	Not Specified	IS 5182 (Part 11):2006
13	Benzo(a)pyrene(BaP)	ng/m^3	BDL <1	Not Specified	IS 5182 (Part 12):2004

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

Verified By

Authorized Signatory

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LABORATORY TESTING REPORT

Report No.: VBPL/AA/202601/0004/1			Date:		10/01/2026
URL No.: -					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	02/01/2026	Sampling Type	:	–
Sample Receipt Date	:	03/01/2026	Sample ID	:	AA/202601/0004/1
Sampling Location	:	On the roof of the laboratory	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	03/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	05/01/2026
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.	Hydrochloric Acid as HCL	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
2.	Hydrocarbon as HC	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
3.	Carbon Monoxide as CO	mg/m³	0.91	4.0	IS 5182 (Part 10): 1999

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

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Verified By

Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

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LABORATORY TESTING REPORT

Report No.: VBPL/AA/202601/0005			Date:		10/01/2026
URL No.: TC158532500001358F					
Name & Address of6Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	02/01/2026	Sampling Type	:	–
Sample Receipt Date	:	03/01/2026	Sample ID	:	AA/202601/0005
Sampling Location	:	Oppo. of C6CW4 Detox Side	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	03/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	05/01/2026
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}	$\mu g/m^3$	64.3	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	$\mu g/m^3$	32.8	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	$\mu g/m^3$	16.4	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<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	$\mu g/m^3$	12.08	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
11.	Arsenic as As	$\mu g/m^3$	BDL<0.01	Not Specified	CPCB-NAAQS Monitoring & Analysis Guidelines, Vol.-I: 2013
12.	Benzene (C6H6)	$\mu g/m^3$	BDL <1	Not Specified	IS 5182 (Part 11):2006
13.	Benzo(a)pyrene (BaP)	ng/m^3	BDL <1	Not Specified	IS 5182 (Part 12):2004

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

Verified By

Authorized Signatory

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VBPL/AA/202601/0005/1			Date:		10/01/2026
URL No.: --					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	02/01/2026	Sampling Type	:	–
Sample Receipt Date	:	03/01/2026	Sample ID	:	AA/202601/0005/1
Sampling Location	:	Oppo. of C6CW4 Detox Side	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	03/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	05/01/2026
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.	Hydrochloric Acid as HCL	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
2.	Hydrocarbon as HC	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
3.	Carbon Monoxide as CO	mg/m^3	0.94	4.0	IS 5182 (Part 10): 1999

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

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

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LABORATORY TESTING REPORT

Report No.: VBPL/AA/202601/0006			Date:		10/01/2026
URL No.: TC158532500001359F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	02/01/2026	Sampling Type	:	–
Sample Receipt Date	:	03/01/2026	Sample ID	:	AA/202601/0006
Sampling Location	:	Landfill Phase-4 near Security Tower	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	03/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	05/01/2026
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}	$\mu g/m^3$	62.6	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	$\mu g/m^3$	33.2	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	$\mu g/m^3$	15.7	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	$\mu g/m^3$	25.4	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	$\mu g/m^3$	11.96	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
11.	Arsenic as As	$\mu g/m^3$	BDL<0.01	Not Specified	CPCB-NAAQS Monitoring & Analysis Guidelines, Vol.-I: 2013
12.	Benzene (C6H6)	$\mu g/m^3$	BDL <1	Not Specified	IS 5182 (Part 11):2006
13.	Benzo(a)pyrene (BaP)	ng/m^3	BDL <1	Not Specified	IS 5182 (Part 12):2004

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

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LABORATORY TESTING REPORT

Report No.: VBPL/AA/202601/0006/1			Date:		10/01/2026
URL No.: --					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	02/01/2026	Sampling Type	:	–
Sample Receipt Date	:	03/01/2026	Sample ID	:	AA/202601/0006/1
Sampling Location	:	Landfill Phase-4 near Security Tower	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	03/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	05/01/2026
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.	Hydrochloric Acid as HCL	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
2.	Hydrocarbon as HC	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
3.	Carbon Monoxide as CO	mg/m^3	0.92	4.0	IS 5182 (Part 10): 1999

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

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Formerly known as "VASUNDHARA ENTERPRISE"

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

LABORATORY TESTING REPORT

Report No.: VBPL/AN/202601/0001			Date:		10/01/2026
URL No.: TC158532500001355F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	02/01/2026	Sampling Type	:	Instrument Method
Sample Receipt Date	:	NA	Sample ID	:	AN/202601/0001
Sampling Location	:	As Per Table	Sample Description	:	Noise Monitoring
Sample Reported / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 9989-1991
Instrument calibration status	:	Calibrated	Format No.	:	7.8 F-07
Meteorological condition during monitoring	:	Clear Sky	Actual duration of Monitoring, (Minutes)	:	30

Ambient Noise Results

Sr. No.	Sampling Location	Day Time	Night Time	Unit	Protocol Used for Monitoring
Permissible Limit as per CPCB		**75**	**70**	**dB(A)**	-
1.	Nr. Main Gate	66	58	dB(A)	IS 9989-1981
2.	Nr. Incinerator Area	70	61	dB(A)	
3.	Nr. Lab Area	63	50	dB(A)	
4.	Nr. Admin Building	61	48	dB(A)	
5.	Nr. Truck Washing Area	68	55	dB(A)	
6.	Nr. Drum Storage Area	62	51	dB(A)	
7.	Nr. East of Incinerator Area	71	57	dB(A)	

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0001			Date:		10/01/2026
URL No.: TC158532500001342F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0001
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.13	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	6	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	5608	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	1.4	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	5.6	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3938.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	32.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	1020	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	340	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1702	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	173	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.13	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.00	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	190	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	132.49	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0001			Date:		10/01/2026
URL No.: TC158532500001342F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0001
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	205	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.8	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	6.2	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	0.083	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0001/1			Date:		10/01/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0001/1
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	5.47	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0003			Date:		10/01/2026
URL No.: TC158532500001344F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0003
Sampling Location	:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol Used for Analysis
1.	pH	–	7.21	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	5	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2378	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.4	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3.5	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1536.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	12.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	342	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	432	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.56	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	412	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	208	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	2.80	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.13	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	80	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	34.52	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0003			Date:		10/01/2026
URL No.: TC158532500001344F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0003
Sampling Location	:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol Used for Analysis
19.	Sodium (as Na)	mg/L	162	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4.2	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	4.2	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	0.289	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0003/1			Date:		10/01/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0003/1
Sampling Location	:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	2.21	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0004			Date:		10/01/2026
URL No.: TC158532500001345F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0004
Sampling Location	:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.1	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	4	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2254	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.8	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	5.1	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1472.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	16.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	498	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	350	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	318	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	187	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	3.42	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.54	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	68	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	79.74	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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Formerly known as "VASUNDHARA ENTERPRISE"

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0004			Date:		10/01/2026
URL No.: TC158532500001345F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0004
Sampling Location	:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	240	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.2	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	3.8	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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Verified By

Authorized Signatory

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0004/1			Date:		10/01/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0004/1
Sampling Location	:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	3.06	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0005			Date:		10/01/2026
URL No.: TC158532500001346F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0005
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.02	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	5	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	3133	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.82	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.5	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	2046.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	24.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	588	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	368	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	640	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	174	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	2.08	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.63	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	98	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	83.38	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0005			Date:		10/01/2026
URL No.: TC158532500001346F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0005
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	282	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.6	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	5.2	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0005/1			Date:		10/01/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0005/1
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	3.42	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0006			Date:		10/01/2026
URL No.: TC158532500001347F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0006
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.14	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	12	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	5242	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	1.16	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	6.4	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3423.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	32.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	980	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	458	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.28	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1612	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	182	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.83	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.97	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	180	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	128.84	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0006			Date:		10/01/2026
URL No.: TC158532500001347F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0006
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	261	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	2.9	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	7.3	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	0.114	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0006/1			Date:		10/01/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0006/1
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	8.95	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0007			Date:		10/01/2026
URL No.: TC158532500001348F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0007
Sampling Location	:	HB-5 Down	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.24	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	2	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2628	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	1.02	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1728.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	12.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	590	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	406	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	520	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	192	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.37	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.10	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	88	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	89.95	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0007			Date:		10/01/2026
URL No.: TC158532500001348F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0007
Sampling Location	:	HB-5 Down	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	238	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4.2	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	3.8	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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Verified By

Authorized Signatory

Office :
Plot No.7313/1/A,
GIDC Ankleshwar - 393002.
Contact:
Mo.: +91-93136 16978 / 93136 16730
E-mail : info@vasundharaenterprise.in
Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0007/1			Date:		10/01/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0007/1
Sampling Location	:	HB-5 Down	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	3.11	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0008			Date:		10/01/2026
URL No.: TC158532500001349F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0008
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.58	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	10	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	4658	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.5	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	5.1	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3022.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	28.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	910	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	340	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.12	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	800	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	202	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.81	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.83	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	154	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	127.63	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0008			Date:		10/01/2026
URL No.: TC158532500001349F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0008
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	224	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	2.4	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	7.2	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	0.176	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0008/1			Date:		10/01/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0008/1
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	7.72	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0009			Date:		10/01/2026
URL No.: TC158532500001350F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0009
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.16	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	12	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	3614	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	1.06	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	5.7	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	2354.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	24.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	689	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	374	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.56	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	780	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	696	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	2.36	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.76	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	118	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	95.78	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0009			Date:		10/01/2026
URL No.: TC158532500001350F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0009
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	306	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	5	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	5.5	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0009/1			Date:		10/01/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0009/1
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	5.43	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0010			Date:		10/01/2026
URL No.: TC158532500001351F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0010
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.24	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	15	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	4952	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.35	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.3	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3224.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	32.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	1020	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	254	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.28	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1420	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	283	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	2.52	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.33	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	232	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	106.96	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0010			Date:		10/01/2026
URL No.: TC158532500001351F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0010
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	312	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	2.5	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	9.2	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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GIDC Ankleshwar - 393002.

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

LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0010/1			Date:		10/01/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0010/1
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	8.6	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0011			Date:		10/01/2026
URL No.: TC158532500001352F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0011
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.15	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	6	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2366	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.51	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	6.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1548.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	24.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	622	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	348	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	664	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	164	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	2.94	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.54	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	92	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	95.30	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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

LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0011			Date:		10/01/2026
URL No.: TC158532500001352F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0011
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	266	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.9	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	2.8	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	0.961	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0011/1			Date:		10/01/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0011/1
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	3.19	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0012			Date:		10/01/2026
URL No.: TC158532500001353F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0012
Sampling Location	:	New EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.09	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	3	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2408	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.6	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.3	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1569.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	12.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	450	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	482	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.12	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	400	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	245	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	2.52	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.07	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	56	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	75.36	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0012			Date:		10/01/2026
URL No.: TC158532500001353F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0012
Sampling Location	:	New EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	217	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4.6	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	2.5	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0012/1			Date:		10/01/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0012/1
Sampling Location	:	New EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	2.64	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0013			Date:		10/01/2026
URL No.: TC158532500001354F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0013
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.23	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	8	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	5352	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.55	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	11.1	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3489.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	52.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	914	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	330	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.12	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1262	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	317	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	6.27	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.41	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	214	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	92.13	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0013			Date:		10/01/2026
URL No.: TC158532500001354F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0013
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	329	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	5.2	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	25.7	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202601/0013/1			Date:		10/01/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	02/01/2026	Sampling Type	:	Grab
Date of Sample Received	:	02/01/2026	Sample ID	:	W/202601/0013/1
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	02/01/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/01/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	10.5	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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

Verified By

Authorized Signatory

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

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

ENVIRONMENTAL MONITORING REPORT

[Period: February 2026]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA BIOSUSTAIN PVT LTD

Plot No 7313/1/A, Near Karmatur Chokdi,
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 Biosustain Pvt Ltd

Sr. No.	Environmental Component	Parameters	Location	Frequency	Monitoring Carried out in Feb- 2026
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: February 2026]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA BIOSUSTAIN PVT LTD

LABORATORY TESTING REPORT

Report No.: VBPL/AA/202602/0015			Date:		11/02/2026
URL No.: TC158532500001669F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	03/02/2026	Sampling Type	:	–
Sample Receipt Date	:	04/02/2026	Sample ID	:	AA/202602/0015
Sampling Location	:	On the roof of the laboratory	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	04/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/02/2026
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	62.4	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	15.8	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	µg/m³	21.2	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	11.75	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m³	BDL<0.5	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m³	BDL<0.5	Not Specified	IS: 5182(Part 26): 2020
11.	Arsenic as As	µg/m³	BDL<0.01	Not Specified	CPCB-NAAQS Monitoring & Analysis Guidelines, Vol.-I: 2013
12.	Benzene (C6H6)	µg/m³	BDL <1	Not Specified	IS 5182 (Part 11):2006
13	Benzo(a)pyrene(BaP)	ng/m³	BDL <1	Not Specified	IS 5182 (Part 12):2004

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

Verified By

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/AA/202602/0015/1			Date:		11/02/2026
URL No.: -					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	03/02/2026	Sampling Type	:	–
Sample Receipt Date	:	04/02/2026	Sample ID	:	AA/202602/0015/1
Sampling Location	:	On the roof of the laboratory	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	04/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/02/2026
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.	Hydrochloric Acid as HCL	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
2.	Hydrocarbon as HC	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
3.	Carbon Monoxide as CO	mg/m^3	0.88	4.0	IS 5182 (Part 10): 1999

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

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Verified By

Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

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

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

LABORATORY TESTING REPORT

Report No.: VBPL/AA/202602/0016			Date:		11/02/2026
URL No.: TC158532500001670F					
Name & Address of6Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	03/02/2026	Sampling Type	:	–
Sample Receipt Date	:	04/02/2026	Sample ID	:	AA/202602/0016
Sampling Location	:	Oppo. of C6CW4 Detox Side	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	04/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/02/2026
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}	$\mu g/m^3$	65.1	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	$\mu g/m^3$	30.5	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	$\mu g/m^3$	17.3	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	$\mu g/m^3$	24.6	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	$\mu g/m^3$	12.15	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
11.	Arsenic as As	$\mu g/m^3$	BDL<0.01	Not Specified	CPCB-NAAQS Monitoring & Analysis Guidelines, Vol.-I: 2013
12.	Benzene (C6H6)	$\mu g/m^3$	BDL <1	Not Specified	IS 5182 (Part 11):2006
13.	Benzo(a)pyrene (BaP)	ng/m^3	BDL <1	Not Specified	IS 5182 (Part 12):2004

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

Verified By

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/AA/202602/0016/1			Date:		11/02/2026
URL No.: --					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	03/02/2026	Sampling Type	:	–
Sample Receipt Date	:	04/02/2026	Sample ID	:	AA/202602/0016/1
Sampling Location	:	Oppo. of C6CW4 Detox Side	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	04/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/02/2026
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.	Hydrochloric Acid as HCL	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
2.	Hydrocarbon as HC	µg/m³	BDL	Not Specified	SOP for Ambient Air Analysis
3.	Carbon Monoxide as CO	mg/m³	0.92	4.0	IS 5182 (Part 10): 1999

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

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Verified By

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/AA/202602/0017			Date:		11/02/2026
URL No.: TC158532500001671F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	03/02/2026	Sampling Type	:	–
Sample Receipt Date	:	04/02/2026	Sample ID	:	AA/202602/0017
Sampling Location	:	Landfill Phase-4 near Security Tower	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	04/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/02/2026
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}	$\mu g/m^3$	64.8	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	$\mu g/m^3$	32.2	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	$\mu g/m^3$	18.5	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	$\mu g/m^3$	26.1	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	$\mu g/m^3$	11.68	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
11.	Arsenic as As	$\mu g/m^3$	BDL<0.01	Not Specified	CPCB-NAAQS Monitoring & Analysis Guidelines, Vol.-I: 2013
12.	Benzene (C6H6)	$\mu g/m^3$	BDL <1	Not Specified	IS 5182 (Part 11):2006
13.	Benzo(a)pyrene (BaP)	ng/m^3	BDL <1	Not Specified	IS 5182 (Part 12):2004

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

Verified By

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/AA/202602/0017/1			Date:		11/02/2026
URL No.: --					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	03/02/2026	Sampling Type	:	–
Sample Receipt Date	:	04/02/2026	Sample ID	:	AA/202602/0017/1
Sampling Location	:	Landfill Phase-4 near Security Tower	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	04/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/02/2026
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.	Hydrochloric Acid as HCL	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
2.	Hydrocarbon as HC	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
3.	Carbon Monoxide as CO	mg/m^3	0.94	4.0	IS 5182 (Part 10): 1999

----------**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

Formerly known as "VASUNDHARA ENTERPRISE"
Office :
Plot No.7313/1/A,
GIDC Ankleshwar - 393002.
Contact:
Mo.: +91-93136 16978 / 93136 16730
E-mail : info@vasundharaenterprise.in
Website : www.vasundharaenterprise.in

2.0 NOISE LEVEL MONITORING REPORT

[Period: February 2026]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA BIOSUSTAIN PVT LTD

LABORATORY TESTING REPORT

Report No.: VBPL/AN/202602/0001			Date:		11/02/2026
URL No.: TC158532500001668F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	03/02/2026	Sampling Type	:	Instrument Method
Sample Receipt Date	:	NA	Sample ID	:	AN/202602/0001
Sampling Location	:	As Per Table	Sample Description	:	Noise Monitoring
Sample Reported / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 9989-1991
Instrument calibration status	:	Calibrated	Format No.	:	7.8 F-07
Meteorological condition during monitoring	:	Clear Sky	Actual duration of Monitoring, (Minutes)	:	30

Ambient Noise Results

Sr. No.	Sampling Location	Day Time	Night Time	Unit	Protocol Used for Monitoring
Permissible Limit as per CPCB		**75**	**70**	**dB(A)**	-
1.	Nr. Main Gate	64	52	dB(A)	IS 9989-1981
2.	Nr. Incinerator Area	68	60	dB(A)	
3.	Nr. Lab Area	65	53	dB(A)	
4.	Nr. Admin Building	63	50	dB(A)	
5.	Nr. Truck Washing Area	66	52	dB(A)	
6.	Nr. Drum Storage Area	60	48	dB(A)	
7.	Nr. East of Incinerator Area	72	59	dB(A)	

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

This Report is issued under the following terms & Condition:

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

Verified By

Authorized Signatory

3.0 WATER QUALITY MONITORING REPORT

[Period: February 2026]

For

M/S. BEIL Infrastructure Ltd.

At

Plot No. 9701-9716, GIDC Estate,

Ankleshwar-393002, Dist: Bharuch.

Monitoring Organization:

VASUNDHARA BIOSUSTAIN PVT LTD

LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0002			Date:		11/02/2026
URL No.: TC158532500001656F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0002
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.58	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	8	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	6368	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.76	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.5	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	4210.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	31.42	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	980	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	324	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.56	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1784	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	221	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	0.97	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.08	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	212	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	109.40	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

Verified By

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0002			Date:		11/02/2026
URL No.: TC158532500001656F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0002
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	214	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.2	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	8.4	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	0.077	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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Authorized Signatory

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0002/1			Date:		11/02/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0002/1
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	6.33	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0003			Date:		11/02/2026
URL No.: TC158532500001657F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0003
Sampling Location	:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol Used for Analysis
1.	pH	-	8.1	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	4	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2245	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.6	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1466.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	11.78	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	352	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	462	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	328	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	215	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	2.49	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.19	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	72	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	41.81	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0003			Date:		11/02/2026
URL No.: TC158532500001657F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0003
Sampling Location	:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol Used for Analysis
19.	Sodium (as Na)	mg/L	158	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4.0	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	3.3	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	0.263	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0003/1			Date:		11/02/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202601/0003/1
Sampling Location	:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	2.1	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0004			Date:		11/02/2026
URL No.: TC158532500001658F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0004
Sampling Location	:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	-	7.88	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	7	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2587	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	2.14	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	5.4	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1688.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	15.71	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	513	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	360	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.56	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	296	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	192	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	2.89	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.34	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	80	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	76.09	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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Formerly known as "VASUNDHARA ENTERPRISE"

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0004			Date:		11/02/2026
URL No.: TC158532500001658F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0004
Sampling Location	:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	228	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	2.8	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	4.2	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0004/1			Date:		11/02/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0004/1
Sampling Location	:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	2.86	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0005			Date:		11/02/2026
URL No.: TC158532500001659F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0005
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.00	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	4	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	3260	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.66	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.8	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1938.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	23.57	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	510	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	322	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.12	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	370	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	208	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	2.34	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.80	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	88	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	70.50	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

Verified By

Vasundhara Biosustain Pvt. Ltd. Ankleshwar

Authorized Signatory

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0005			Date:		11/02/2026
URL No.: TC158532500001659F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0005
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	266	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.1	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	6.5	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

----------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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Authorised Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0005/1			Date:		11/02/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0005/1
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	3.01	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0006			Date:		11/02/2026
URL No.: TC158532500001660F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0006
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.38	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	10	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	5470	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	1.23	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	6.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3604.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	27.50	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	890	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	488	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1570	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	161	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.98	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.09	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	164	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	116.69	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0006			Date:		11/02/2026
URL No.: TC158532500001660F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0006
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	255	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	2.4	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	7.6	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	0.145	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0006/1			Date:		11/02/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0006/1
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	8.68	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0007			Date:		11/02/2026
URL No.: TC158532500001661F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0007
Sampling Location	:	HB-5 Down	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.68	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	4	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2345	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.98	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3.5	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1750.1	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	15.71	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	550	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	372	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.56	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	580	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	201	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.59	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.54	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	106	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	69.28	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0007			Date:		11/02/2026
URL No.: TC158532500001661F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0007
Sampling Location	:	HB-5 Down	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	251	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	5.3	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	3.5	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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

LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0007/1				Date:	11/02/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0007/1
Sampling Location	:	HB-5 Down	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	2.55	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0008			Date:		11/02/2026
URL No.: TC158532500001662F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0008
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.00	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	12	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	4215	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	1.88	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	5.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	2759.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	31.42	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	960	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	388	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	832	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	190	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.46	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.00	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	136	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	150.72	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

Verified By

Authorized Signatory

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

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

LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0008			Date:		11/02/2026
URL No.: TC158532500001662F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0008
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	20.3	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.0	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	8.9	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	0.155	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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Verified By

Authorized Signatory

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

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

LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0008/1			Date:		11/02/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0008/1
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	7.62	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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

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Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0009			Date:		11/02/2026
URL No.: TC158532500001663F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0009
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.78	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	9	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	3240	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.58	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	5.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	2204.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	31.42	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	703	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	318	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	790	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	202	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.92	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.84	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	134	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	89.46	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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Vasundhara Biosustain Pvt Ltd Ankleshwar

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0009			Date:		11/02/2026
URL No.: TC158532500001663F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0009
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	376	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4.4	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	6.5	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0009/1			Date:		11/02/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0009/1
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	6.1	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0010			Date:		11/02/2026
URL No.: TC158532500001664F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0010
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.5	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	16	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	5180	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.3	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3375.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	35.35	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	1020	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	264	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1560	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	300	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	3.05	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.43	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	276	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	80.22	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0010			Date:		11/02/2026
URL No.: TC158532500001664F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0010
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	345	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	8.7	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0010/1			Date:		11/02/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0010/1
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	7.48	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0011			Date:		11/02/2026
URL No.: TC158532500001665F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0011
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.58	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	6	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2520	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	1.55	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	5.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1634.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	19.64	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	647	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	362	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.12	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	688	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	174	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	2.76	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.40	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	108	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	91.65	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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Formerly known as "VASUNDHARA ENTERPRISE"

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

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

LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0011			Date:		11/02/2026
URL No.: TC158532500001665F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0011
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	236	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.1	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	5.5	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	0.878	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0011/1			Date:		11/02/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0011/1
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	3.02	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

This Report is issued under the following terms & Condition:

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0012			Date:		11/02/2026
URL No.: TC158532500001666F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0012
Sampling Location	:	New EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	8.06	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	5	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2455	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.45	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	5.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1634.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	11.78	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	426	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	500	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	384	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	228	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	2.23	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.81	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	70	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	61.02	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0012			Date:		11/02/2026
URL No.: TC158532500001666F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0012
Sampling Location	:	New EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	198	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4.2	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	3.2	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0012/1			Date:		11/02/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0012/1
Sampling Location	:	New EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	2.41	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0013			Date:		11/02/2026
URL No.: TC158532500001667F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0013
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.3	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	10	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	4987	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.51	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.5	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3220.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	51.06	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	1140	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	354	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.12	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1144	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	274	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	5.98	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.37	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	222	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	142.21	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0013			Date:		11/02/2026
URL No.: TC158532500001667F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0013
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	324	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	14.0	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202602/0013/1			Date:		11/02/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	03/02/2026	Sampling Type	:	Grab
Date of Sample Received	:	03/02/2026	Sample ID	:	W/202602/0013/1
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	03/02/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	10/02/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	9.82	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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LABORATORY TESTING REPORT

Report No.: VBPL/AA/202603/0020			Date:		13/03/2026
URL No.: TC158532500002050F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	05/03/2026	Sampling Type	:	–
Sample Receipt Date	:	06/03/2026	Sample ID	:	AA/202603/0020
Sampling Location	:	On the roof of the laboratory	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	06/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/03/2026
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	36.4	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	µg/m³	16.8	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	µg/m³	20.5	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<5.0	400	IS 5182 (Part 25) : 2018
7.	Hydrogen Sulphide as (H_2S)	µg/m³	12.31	Not Specified	IS 5182 (Part 07): 2021
8.	Ozone	µg/m³	BDL<0.5	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m³	BDL<0.5	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m³	BDL<0.01	Not Specified	IS: 5182(Part 26): 2020
11.	Arsenic as As	µg/m³	BDL<5.0	Not Specified	CPCB-NAAQS Monitoring & Analysis Guidelines, Vol.-I: 2013
12.	Benzene (C6H6)	µg/m³	BDL<1	Not Specified	IS 5182 (Part 11):2006
13	Benzo(a)pyrene(BaP)	ng/m³	BDL<1	Not Specified	IS 5182 (Part 12):2004

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LABORATORY TESTING REPORT

Report No.: VBPL/AA/202603/0020/1			Date:		13/03/2026
URL No.: -					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	05/03/2026	Sampling Type	:	–
Sample Receipt Date	:	06/03/2026	Sample ID	:	AA/202603/0020/1
Sampling Location	:	On the roof of the laboratory	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	06/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/03/2026
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.	Hydrochloric Acid as HCL	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
2.	Hydrocarbon as HC	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
3.	Carbon Monoxide as CO	mg/m^3	0.91	4.0	IS 5182 (Part 10): 1999

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

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LABORATORY TESTING REPORT

Report No.: VBPL/AA/202603/0021			Date:		13/03/2026
URL No.: TC158532500002051F					
Name & Address of6Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	05/03/2026	Sampling Type	:	–
Sample Receipt Date	:	06/03/2026	Sample ID	:	AA/202603/0021
Sampling Location	:	Oppo. of C6CW4 Detox Side	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	06/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/03/2026
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	68.5	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	µg/m³	34.55	60	IS 5182 (Part 24) 2019
3.	Sulfur Dioxide SO_2	µg/m³	15.2	80	IS 5182 (Part 2) 2001
4.	Nitrogen Dioxide NO_2	µg/m³	22.6	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	11.86	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m³	BDL<0.5	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m³	BDL<0.5	Not Specified	IS: 5182(Part 26): 2020
11.	Arsenic as As	µg/m³	BDL<0.01	Not Specified	CPCB-NAAQS Monitoring & Analysis Guidelines, Vol.-I: 2013
12.	Benzene (C6H6)	µg/m³	BDL <1	Not Specified	IS 5182 (Part 11):2006
13.	Benzo(a)pyrene (BaP)	ng/m³	BDL <1	Not Specified	IS 5182 (Part 12):2004

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LABORATORY TESTING REPORT

Report No.: VBPL/AA/202603/0021/1			Date:		13/03/2026
URL No.: --					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	05/03/2026	Sampling Type	:	–
Sample Receipt Date	:	06/03/2026	Sample ID	:	AA/202603/0021/1
Sampling Location	:	Oppo. of C6CW4 Detox Side	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	06/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/03/2026
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.	Hydrochloric Acid as HCL	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
2.	Hydrocarbon as HC	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
3.	Carbon Monoxide as CO	mg/m^3	0.94	4.0	IS 5182 (Part 10): 1999

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Vasundhara Biosustain Pvt. Ltd. Authorized Signatory

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

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

LABORATORY TESTING REPORT

Report No.: VBPL/AA/202603/0022			Date:		13/03/2026
URL No.: TC158532500002052F					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	05/03/2026	Sampling Type	:	–
Sample Receipt Date	:	06/03/2026	Sample ID	:	AA/202603/0022
Sampling Location	:	Landfill Phase-4 near Security Tower	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	06/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/03/2026
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	65.4	100	IS 5182 (Part 23) 2006
2.	Particulate Matter $PM_{2.5}$	µg/m³	33.5	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	24.3	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	11.71	180	IS 5182 (Part 09): 1974
9.	Lead as Pb	µg/m³	BDL<0.5	1.0	IS 5182 (Part 22): 2004
10.	Nickel as Ni	µg/m³	BDL<0.5	Not Specified	IS: 5182(Part 26): 2020
11.	Arsenic as As	µg/m³	BDL<0.01	Not Specified	CPCB-NAAQS Monitoring & Analysis Guidelines, Vol.-I: 2013
12.	Benzene (C6H6)	µg/m³	BDL <1	Not Specified	IS 5182 (Part 11):2006
13.	Benzo(a)pyrene (BaP)	ng/m³	BDL <1	Not Specified	IS 5182 (Part 12):2004

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

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Vasundhara Biosustain Pvt. Ltd.
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LABORATORY TESTING REPORT

Report No.: VBPL/AA/202603/0022/1			Date:		13/03/2026
URL No.: --					
Name & Address of Customer	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	05/03/2026	Sampling Type	:	–
Sample Receipt Date	:	06/03/2026	Sample ID	:	AA/202603/0022/1
Sampling Location	:	Landfill Phase-4 near Security Tower	Sample Description	:	Ambient Air
Sample Collected / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 5182
Quantity / No. of Sample	:	1-1 Filter Paper & Scrub. Absorbing Media/Each	Analysis Started On	:	06/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	07/03/2026
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.	Hydrochloric Acid as HCL	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
2.	Hydrocarbon as HC	$\mu g/m^3$	BDL	Not Specified	SOP for Ambient Air Analysis
3.	Carbon Monoxide as CO	mg/m^3	0.92	4.0	IS 5182 (Part 10): 1999

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

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Verified By

Vasundhara Biosustain Pvt. Ltd. Patel
Authorized Signatory

Formerly known as "VASUNDHARA ENTERPRISE"

Office :
Plot No.7313/1/A,
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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.: VBPL/AN/202602/0001			Date:		11/02/2026
URL No.: TC158532500001668F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Sampling Date	:	03/02/2026	Sampling Type	:	Instrument Method
Sample Receipt Date	:	NA	Sample ID	:	AN/202602/0001
Sampling Location	:	As Per Table	Sample Description	:	Noise Monitoring
Sample Reported / Submitted by	:	VBPL Team	Protocol used for monitoring	:	IS 9989-1991
Instrument calibration status	:	Calibrated	Format No.	:	7.8 F-07
Meteorological condition during monitoring	:	Clear Sky	Actual duration of Monitoring, (Minutes)	:	30

Ambient Noise Results

Sr. No.	Sampling Location	Day Time	Night Time	Unit	Protocol Used for Monitoring
Permissible Limit as per CPCB		**75**	**70**	**dB(A)**	-
1.	Nr. Main Gate	66	54	dB(A)	IS 9989-1981
2.	Nr. Incinerator Area	64	58	dB(A)	
3.	Nr. Lab Area	63	50	dB(A)	
4.	Nr. Admin Building	65	53	dB(A)	
5.	Nr. Truck Washing Area	67	55	dB(A)	
6.	Nr. Drum Storage Area	62	49	dB(A)	
7.	Nr. East of Incinerator Area	70	61	dB(A)	

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0002			Date:		13/03/2026
URL No.: TC158532500002020F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	06/03/2026	Sample ID	:	W/202602/0002
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	-	7.44	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	10	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	6722	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.85	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	3.9	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	4402.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	32.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	1340	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	340	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.28	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	2082	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	215	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	0.84	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.11	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	344	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	116.69	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0002			Date:		13/03/2026
URL No.: TC158532500002020F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	06/03/2026	Sample ID	:	W/202603/0002
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	06/03/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	244	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	8.8	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	0.093	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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Verified By

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0002/1			Date:		13/03/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	06/03/2026	Sample ID	:	W/202603/0002/1
Sampling Location	:	HB-1 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	6.04	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0004			Date:		13/03/2026
URL No.: TC158532500002021F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0004
Sampling Location	:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol Used for Analysis
1.	pH	–	7.77	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	6	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2308	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.72	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.9	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1518.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	12.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	416	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	444	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.56	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	334	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	211	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	2.23	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.22	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	68	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	59.80	APHA 24th Edition 3500 Mg B : 2023
17.	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

Verified By

Vasundhara Biosustain Pvt Ltd

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0004			Date:		13/03/2026
URL No.: TC158532500002021F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0004
Sampling Location	:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol Used for Analysis
19.	Sodium (as Na)	mg/L	288	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4.3	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	3.2	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	0.243	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0004/1			Date:		13/03/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	06/03/2026	Sample ID	:	W/202603/0004/1
Sampling Location	:	HB-2 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	2.26	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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Verified By

Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0005			Date:		13/03/2026
URL No.: TC158532500002022F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0005
Sampling Location	:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.61	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	6	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2691	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.44	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	5.7	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1724.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	16.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	500	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	376	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	316	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	265	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	3.07	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.25	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	98	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	61.99	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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Vasundhara Biosustain Pvt. Ltd.
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Formerly known as "VASUNDHARA ENTERPRISE"

Office :
Plot No.7313/1/A,
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E-mail : info@vasundharaenterprise.in
Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0005			Date:		13/03/2026
URL No.: TC158532500002022F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0005
Sampling Location	:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	210	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.5	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	4.5	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0005/1			Date:		13/03/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	06/03/2026	Sample ID	:	W/202603/0005/1
Sampling Location	:	EB-3 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	2.45	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0006			Date:		13/03/2026
URL No.: TC158532500002024F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0006
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.85	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	5	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	1975	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.32	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	5.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	2018.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	20.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	523	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	308	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	650	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	215	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	2.67	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.04	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	94	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	70.01	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0006			Date:		13/03/2026
URL No.: TC158532500002024F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0006
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	187	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.4	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	5.6	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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Verified By

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0006/1			Date:		13/03/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	06/03/2026	Sample ID	:	W/202603/0006/1
Sampling Location	:	HB-4 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	3.18	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0007			Date:		13/03/2026
URL No.: TC158532500002025F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0007
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.35	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	12	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	5803	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	1.4	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	8.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3698.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	32.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	1270	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	500	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1643	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	198	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.70	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.71	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	262	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	149.51	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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Vasundhara Biosustain Pvt. Ltd.
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LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0007			Date:		13/03/2026
URL No.: TC158532500002025F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0007
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	235	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	2.8	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	8.8	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	0.181	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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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.: VBPL/W/202603/0007/1			Date:		13/03/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0007/1
Sampling Location	:	EB-4 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	8.41	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0008			Date:		13/03/2026
URL No.: TC158532500002026F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0008
Sampling Location	:	HB-5 Down	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.53	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	3	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2511	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.88	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.6	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1588.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	16.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	477	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	390	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.28	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	510	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	211	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.83	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.76	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	90	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	61.26	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

Verified By

Vasundhara Biosustain Pvt. Ltd.
Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0008			Date:		13/03/2026
URL No.: TC158532500002026F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0008
Sampling Location	:	HB-5 Down	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	226	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	5	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	3.3	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

----------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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0008/1			Date:		13/03/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202602/0008/1
Sampling Location	:	HB-5 Down	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	2.61	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

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Vasundhara Biosustain Pvt. Ltd. A Patel

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0009			Date:		13/03/2026
URL No.: TC158532500002027F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0009
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.44	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	15	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	4211	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.94	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	6.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	2688.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	32.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	990	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	370	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.12	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	800	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	188	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.13	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.11	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	188	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	126.41	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0009			Date:		13/03/2026
URL No.: TC158532500002027F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0009
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	245	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	2.6	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	8.8	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	0.155	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0009/1			Date:		13/03/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0009/1
Sampling Location	:	EB-5 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	7.55	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0010			Date:		13/03/2026
URL No.: TC158532500002028F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0010
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.8	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	16	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	3265	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.25	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	2156.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	32.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	682	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	326	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.56	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	780	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	288	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.35	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.99	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	122	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	91.65	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0010			Date:		13/03/2026
URL No.: TC158532500002028F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0010
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	366	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4.1	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	7.8	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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

LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0010/1			Date:		13/03/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0010/1
Sampling Location	:	HB-6 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	5.8	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0011			Date:		13/03/2026
URL No.: TC158532500002029F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0011
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.4	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	12	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	5144	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.28	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	6.3	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3288.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	36.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	990	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	244	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	BDL<0.3	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1320	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	344	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	2.79	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.65	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	254	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	86.30	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0011			Date:		13/03/2026
URL No.: TC158532500002029F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0011
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	328	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.8	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 ^{0}C for 3 Days	mg/L	10.2	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

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Vasundhara Biosustain Pvt. Ltd.
Authorized Signatory

LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0011/1			Date:		13/03/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202602/0011/1
Sampling Location	:	HB-7 Down Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	7.01	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0012			Date:		13/03/2026
URL No.: TC158532500002030F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0012
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.28	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	2.55	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2411	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.87	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1511.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	24.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	488	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	380	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	676	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	125	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	3.18	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	0.31	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	90	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	63.94	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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Website : www.vasundharaenterprise.in

LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0012			Date:		13/03/2026
URL No.: TC158532500002030F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0012
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	155	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	2.6	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	5.7	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	0.821	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0012/1			Date:		13/03/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0012/1
Sampling Location	:	EB-9 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	3.12	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0013			Date:		13/03/2026
URL No.: TC158532500002031F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0013
Sampling Location	:	New EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.9	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	4	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	2594	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.41	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	4.0	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	1588.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	12.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	434	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	488	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	0.84	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	360	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	246	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	1.96	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.04	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	88	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	52.02	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0013			Date:		13/03/2026
URL No.: TC158532500002031F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0013
Sampling Location	:	New EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	162	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	4.8	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	2.2	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0013/1			Date:		13/03/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0013/1
Sampling Location	:	New EB-10 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	2.26	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0014			Date:		13/03/2026
URL No.: TC158532500002032F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0014
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
1.	pH	–	7.25	APHA 24th Edition 4500- H+ B : 2023
2.	Color	Pt-CO Unit	8	APHA 24th Edition 2120 C: 2023
3.	Conductivity	µS/cm	5026	APHA 24th Edition 2510-B : 2023
4.	Turbidity	NTU	0.64	APHA 24th Edition 2130-B : 2023
5.	Total Suspended solids	mg/L	6.8	APHA 24th Edition 2540-D : 2023
6.	Total Dissolved solids	mg/L	3466.0	APHA 24th Edition 2540- C : 2023
7.	Chemical Oxygen Demand	mg/L	56.00	IS 3025 (Part 58) : 2006
8.	Total Hardness as CaCO3	mg/L	1410	APHA 24th Edition 2340-C : 2023
9.	Total Alkalinity as CaCO3	mg/L	342	APHA 24th Edition 2320-B : 2023
10.	Total Kjeldahl Nitrogen as TKN	mg/L	1.40	APHA 24th Edition 4500- Norg B: 2023
11.	Chloride (as Cl)	mg/L	1132	APHA 24th Edition 4500- Cl- B : 2023
12.	Sulphate (as SO4)	mg/L	259	APHA 24th Edition 4500- SO42-E : 2023
13.	Nitrate as (N-NO3)	mg/L	5.70	IS 3025 (Part 34) : 2023
14.	Fluoride	mg/L	1.45	APHA 24th Edition 4500- F- B & D : 2023
15.	Calcium (as Ca)	mg/L	234	APHA 24th Edition 3500- Ca-B : 2023
16.	Magnesium (as Mg)	mg/L	200.56	APHA 24th Edition 3500 Mg B : 2023
17	Phosphate	mg/L	BDL<0.3	APHA 24th Edition 4500-P, D : 2023
18.	Ammonical Nitrogen	mg/L	BDL<0.3	APHA 24th Edition 4500- NH3 B & C : 2023

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LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0014			Date:		13/03/2026
URL No.: TC158532500002032F					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0014
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
19.	Sodium (as Na)	mg/L	300	APHA 24th Edition 3500- Na B : 2023
20.	Potassium (as K)	mg/L	3.1	APHA 24th Edition 3500-K B : 2023
21.	Manganese (as Mn)	mg/L	BDL<0.1	APHA 24th Edition 3111 Mn B : 2023
22.	Bio Chemical Oxygen Demand @ 27 °C for 3 Days	mg/L	14.5	IS 3025 (Part 44) : 1993
23.	Oil and Grease	mg/L	BDL<1.0	APHA 24th Edition 5520 B : 2023
24.	Lead (as Pb)	mg/L	BDL<0.001	APHA 24th Edition 3111 Pb B : 2023
25.	Nickel (as Ni)	mg/L	BDL<0.01	APHA 24th Edition 3111 Ni B : 2023
26.	Chromium (as Cr)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cr B : 2023
27.	Mercury (as Hg)	mg/L	BDL<0.005	APHA 24th Edition 3112 Hg B : 2023
28.	Arsenic (as As)	mg/L	BDL<0.001	APHA 24th Edition 3114 As B : 2023
29.	Iron (as Fe)	mg/L	BDL<0.05	IS 3025 (Part 53): 2003
30.	Zinc (as Zn)	mg/L	BDL<0.01	APHA 24th Edition 3111 Zn B : 2023
31.	Cadmium (as Cd)	mg/L	BDL<0.001	APHA 24thEdition3111 Cd B : 2023
32.	Copper (as Cu)	mg/L	BDL<0.01	APHA 24th Edition 3111 Cu B : 2023

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

LABORATORY TESTING REPORT

Report No.: VBPL/W/202603/0014/1			Date:		13/03/2026
URL No.: –					
Customer Name & Address	:	**M/s. BEIL Infrastructure Ltd.** Plot No. 9701-9716, GIDC Estate, Ankleshwar-393002, Dist: Bharuch.			
Contact Person	:	Mr. Dharmesh Patel			
Date of Sample Collection	:	05/03/2026	Sampling Type	:	Grab
Date of Sample Received	:	05/03/2026	Sample ID	:	W/202603/0014/1
Sampling Location	:	EB-11 Up Stream	Sample Description	:	Ground Water
Sample Collected / Submitted by	:	VBPL Team	Protocol used for Sampling	:	APHA 24th Edition
Quantity / No. of Sample	:	1L + 2L + 2L / 3 Nos.	Analysis Started On	:	05/03/2026
Packing / Seal	:	Cap Seal	Analysis Completed On	:	09/03/2026
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	Unit	Result	Protocol used for Analysis
1.	TOC	mg/L	8.89	APHA 24th Edition 5310- B : 2023
2.	Cyanide (as CN)	mg/L	BDL<0.02	APHA 24th Edition 4500- CN E : 2023
3.	Pesticides (Organo Chlorine, Organo Nitrogen , Synthetic Pyrethroid, Carbamates)	mg/L	ND	As Per USEPA

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

This Report is issued under the following terms & Condition:

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

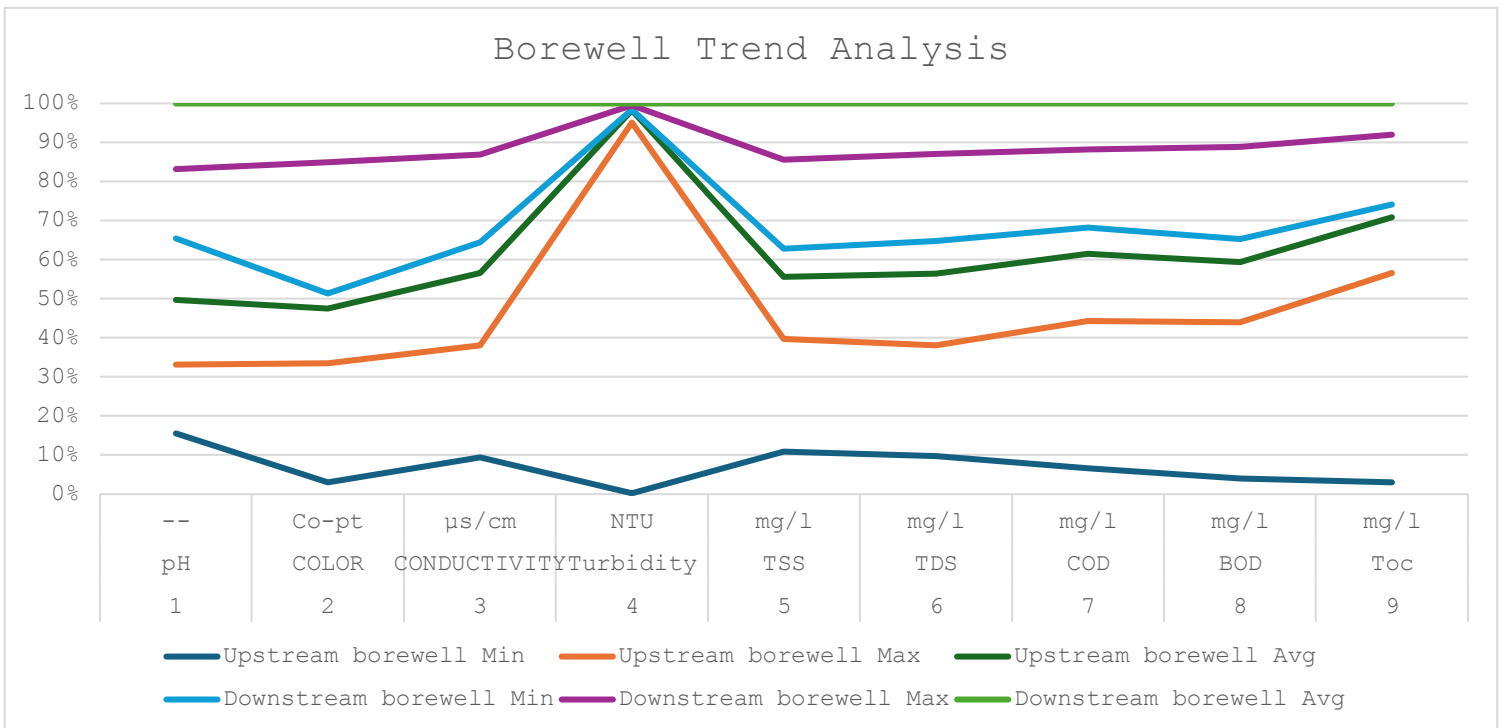
Verified By

Authorized Signatory

Annexure-05

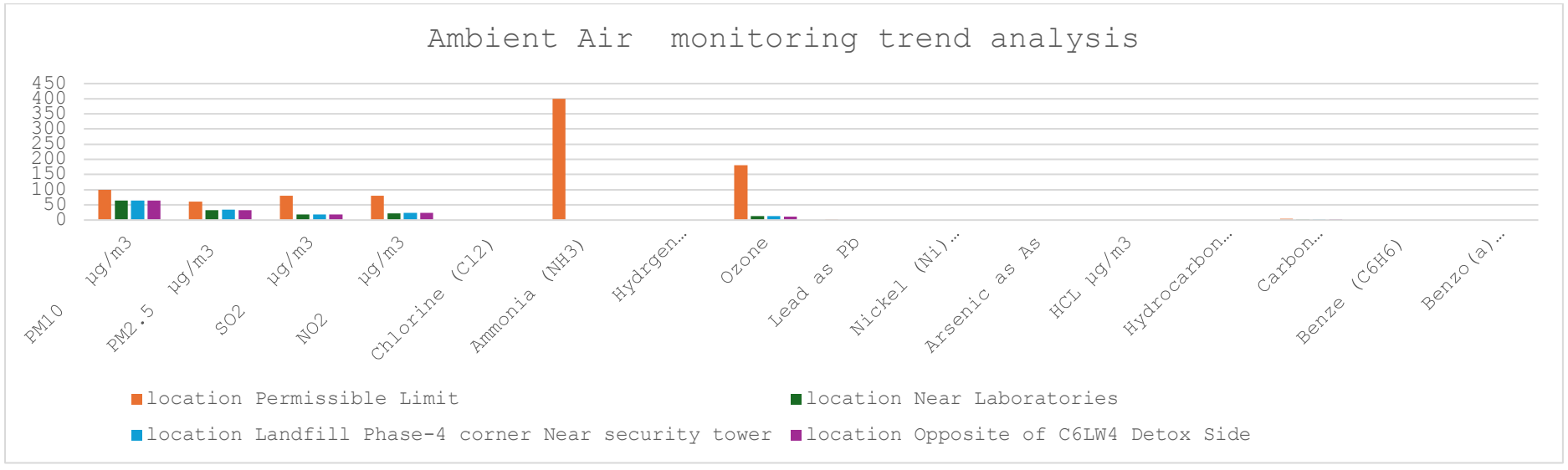
Borewell Average Result (October'25 to March'26)

Sr. no	Parameters	Unit	Upstream borewell			Downstream borewell		
			Min	Max	Avg	Min	Max	Avg
1	pH		7.000	7.930	7.440	7.120	7.970	7.562
2	COLOR	Co-pt	2.000	20.100	9.257	2.550	22.200	9.905
3	CONDUCTIVITY	µs/cm	2310.000	7110.000	4563.639	1975.000	5560.000	3220.000
4	Turbidity	NTU	0.290	122.000	4.053	0.200	1.410	0.603
5	TSS	mg/l	3.000	8.000	4.425	2.000	6.300	3.992
6	TDS	mg/l	1511.000	4402.000	2858.194	1303.000	3468.000	2010.883
7	COD	mg/l	12.000	68.000	30.885	12.000	36.000	21.308
8	BOD	mg/l	2.200	22.000	8.533	3.200	13.000	6.158
9	Toc	mg/l	1.490	26.330	7.008	1.580	8.800	3.894



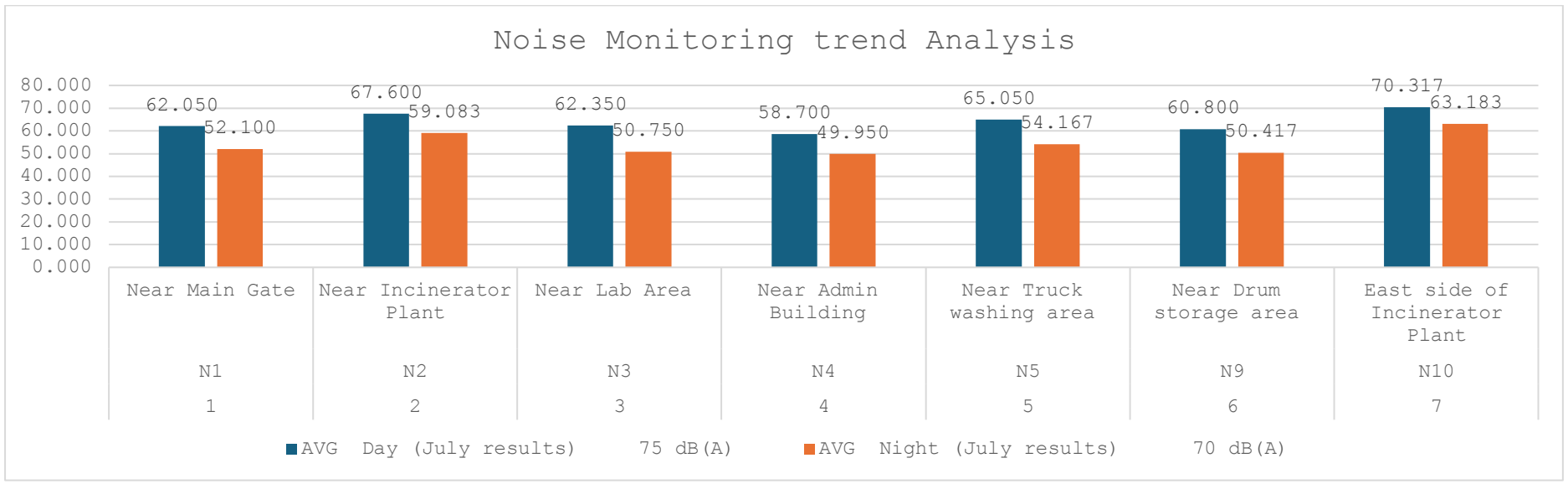
Ambient Air Monitoring Result (October'25 to March'26)

Sr.	Parameters	Unit	GPCB/CPCB	Near Laboratories			Behind Shed No.8 corner			Near the Detox site road		
			Permissible Limit	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
1	RSPM (PM_{10})	$\mu g/m^3$	100	60.8	71.2	64.867	60.80	66.10	63.87	60.10	68.50	64.45
2	PM 2.5	$\mu g/m^3$	60	30.6	36.4	33.033	30.80	35.20	33.52	30.40	35.20	33.03
3	Sulphur Dioxide	$\mu g/m^3$	80	16.2	19.2	18.367	16.60	20.10	18.32	15.20	20.30	18.35
4	Nitrogen Dioxide	$\mu g/m^3$	80	23.2	20.5	17.583	18.40	26.70	23.67	22.40	26.20	23.95
5	Ammonia (NH_3)	$\mu g/m^3$	400	0	0	0	0	0	0	0	0	0
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 Result (October'25 to March'26)

NOISE MONITORING RESULT								
Sr. No.	**CODE**	**LOCATION OF NOISE SAMPLING STATIONS**	**Day Time**			**Night time**		
			GPCB / CPCB Permissible Limit: 75 dB			**GPCB / CPCB Permissible Limit: 70 dB**		
			MIN	**MAX**	**AVG**	**MIN**	**MAX**	**AVG**
1	N1	Near Main Gate	55.9	66	62.05	46.5	57	52.1
2	N2	Near Incinerator Plant	64	72.1	67.6	54	66.9	59.08333
3	N3	Near Lab Area	61	64.3	62.35	48	55.1	50.75
4	N4	Near Admin Building	52	65	58.7	45	53	49.95
5	N5	Near Truck washing area	62.2	67	65.05	52	56	54.16667
6	N9	Near Drum storage area	58.9	63	60.8	48.7	54	50.41667
7	N10	East side of Incinerator Plant	68	72.2	70.31667	61	66	63.18333



ANALYTICAL RESEARCH LABORATORY
BEIL INFRASTRUCTURE LIMITED

TC-13051

TEST REPORT

Sample Id	001200025663	**Report No / Sample**	TC-1305126000000560F	**Report Date**	19-FEB-2026
Name of Customer	:	SHRI NAVKHANDA MINERAL			
Address Of Customer	:	PLOT NO. 1010, 1011, 1058 & 1061 VILLAGE : KONDH, District : BHARUCH Gujarat-393135			
Sample Description	:	Solid Sludge			
Sample Quantity(UOM)	:	1.000 KG	**Sampling Date**	:	14-FEB-2026
Sampling Location	:	NA	**Sample Received Date**	:	14-FEB-2026
Sample Collected By	:	By Customer	**Analysis Start/End Date**	:	15-FEB-2026 / 19-FEB-2026
Sample Type	:	Landfill Suitability	**Sampling Procedure**	:	NA

Sr.No.	Parameters	Unit	Results	Permissible Limit	Method Reference
1	Appearance		Brown 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	204	<2500	IS:1448 (Part-6):1984
6	Halogen (as Cl)	%	7.60	-	SOP/HW/15 Volhard's Method
7	Total Sulphur	%	8.71	-	ASTM D5291 - 10(2015): 2015
8	ash content at 800°C	%	66.44	-	IS 1448 (Part-4) :1984
9	Loss On Drying at 110°C	%	9.66	-	SOP HW/NB/16 (Issue:02): 2021
10	Oil and Grease	%	<0.5	<4.0	APHA 5520 D, 575, 24th Ed.: 24th 2023
11	Annealing Loss at 550°C	%	19.69	<20.0	SOP/HW/O4 (Issue:02): 2021
12	LRT Test (Liquid Release Test)	ml/100gm	00	<3.0	USEPA 9096
13	pH (10% Solution)		8.39	4-12	APHA* 4500H+-B, 473 to 478, 24th Ed.: 23
14	Phenolic Compound (10% Solution)	mg/l	6.24	<100	APHA, 5530-D, 582, 24thEd: 2023
15	Arsenic (10% Solution)	mg/l	<0.01	<1.0	APHA 3114-As- C 224 to 225, 24thEd. 2023
16	Lead (10% Solution)	mg/l	<0.5	<2.0	APHA 3111 Pb B,205 to 206 ,24thEd: 2023
17	Cadmium (10% Solution)	mg/l	<0.1	<0.20	APHA 3111 Cd B,205 to 206 ,24thEd: 2023
18	Hexavalent Chromium (10% Solution)	mg/l	<0.1	<0.50	APHA 3500 Cr B,256 to 258 ,24thEd: 2023
19	Copper (10% Solution)	mg/l	0.5925	<10.0	APHA 3111 Cu B,205 to 206 ,24thEd: 2023
20	Nickel (10% Solution)	mg/l	<0.1	<3.0	APHA 3111 Ni B,205 to 206 ,24thEd: 2023
21	Mercury (10% Solution)	mg/l	<0.01	<0.10	APHA 3112-Hg- B, 210 to 312,24thEd:2023
22	Zinc (10% Solution)	mg/l	<0.1	<10.0	APHA 3111 Zn B,205 to 206 ,24thEd: 2023
23	Fluoride (10% Solution)	mg/l	10.4	<50.0	APHA 4500 F C ,398 to 400 ,24thEd: 2023
24	Ammoniacal Nitrogen (10% Solution)	mg/l	149	<1000	APHA 4500-NH3-C, 425, 24thEd.: 2023
25	Cyanide (10% Solution)	mg/l	<0.05	<0.20	APHA 4500 CN C ,370 to 371 ,24thEd::23
26	Nitrate (as NO3)	mg/l	2.857	<30.0	APHA 4500 NO3 B ,434 to 435,24thEd:: 23
27	COD (10% Solution)	mg/l	2032	-	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 as per CPCB Protocol-HAZWAMS(2010-11)Table no.6.

ANALYTICAL RESEARCH LABORATORY
BEIL INFRASTRUCTURE LIMITED

TC-13051

TEST REPORT

Sample Id	001200025663	Report No / Sample	TC-1305126000000560F	Report Date	19-FEB-2026

---------- 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.

BEIL Infrastructure Limited

ONSITE EMERGENCY PLAN

Update On Oct, 2025

Plot No # 9701-9716, GIDC Industrial Estate, Ankleshwar – 393 002

Dist. – Bharuch, Gujarat

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ANNEXURE SECTION

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CHAPTER-I

PRELIMINARY

1. INTRODUCTION OF THIS PLAN

Primarily this plan is prepared to furnish details, which may require at the time of the emergency, to delegate responsibility, to estimate the consequences in advance and to prepare ourselves to control any type of EMERGENCY. This plan is in two sections. The first section explains basic requirements as fallow.

- Definition.
- Objectives
- Hazard identification.
- Risk analysis and environmental Impact Assessment.
- Organization setup.
- Communication system.
- Action on site.
- Link with offsite emergency plan.
- Training rehearsal and record aspect.

Second section is given as Annexure Section containing useful Annexure. These annexes are designed to give specific information required during emergency. Ready information in all this Annexure will considerably save time in initiating all actions at the time of emergency. It will also be useful to Govt. for preparing the Area emergency control (Contingent) plan.

A separate chapter is given to pay attention on.

- Offsite effects of any emergency.
- The duties and functions to control it.
- Link with onsite emergency plan.

2. IDENTIFICATION OF THE FACTORY

BEIL Infrastructure Ltd (BEIL) is a Company promoted by industries in Bharuch District with major shareholding by UPL Ltd. to handle different types of wastes generated by the neighboring industries. Drains and Temporary Storage have been provided. BEIL is operating a secured landfill for disposal of solid / hazardous wastes from member industries in the region. The site has implemented Environmental Management System Standards ISO 14001 and Occupational Health & Safety Assessment Standards OHSAS 18001. The site is in operation from 1998 and so far, more than 23 Lacs MT of solid / hazardous wastes have been collected and disposed off

The unit operates continuously in three shifts with total employees of around 300 in the factory. In every shift around 30 people are working.

Following are the details about the plant.

1. (A) Name_& Address of Factory

BEIL Infrastructure Ltd.,

9701 - 9716, GIDC Industrial Estate,

Ankleshwar- 393 002

Dist. Bharuch,

Gujarat State

Location

- The factory is around 12 kms, away from Bharuch Town and it is towards South side.
- From Ankleshwar station, it is 6 km towards East side.

(B) Regd. Office Address

Plot No. 117-118, GIDC Estate,

Ankleshwar 393 002

Dist.: Bharuch (Gujarat)

2. Telephone Nos.

Factory : (02646) 253135 / 225228

Registered Office : (02646) 251223 / 250336

3. Full Name & Designation of the Occupier

Mr. Ashok A. Panjawani (Director)

4. Office Address & Telephone No. Of Occupier

BEIL Infrastructure Ltd.,
9701 - 9716, GIDC Industrial Estate,
Ankleshwar- 393 002
Dist. Bharuch,
Gujarat State
Office Tel.No. : (02646) 253135, 225228
Residential Tel. No. : 9909994902

5. Working Shifts :

Shift	Male	Female	Total
General (9:00 AM To 5:30 PM)	178	20	198
First (07.00 AM To 03.00 PM)	125	0	125
Second (3:00 PM To 11:00 PM)	75	0	75
Third (11:00 PM To 7:00 AM)	65	0	65
TOTAL	443	20	463

6. Persons to be contacted first in case of emergency.

Name & Designation	Place of availability	Telephone Nos	
		Office	Residence
Mr. B. D. Dalwadi	ADM	02646-253135 Ext-101	9909994959
Mr. Manoj Patel	ADM	02646-253135 Ext-115	9909994907
Mr. Atul Agrawal	Inci office	02646-25135 Ext-202	9909994908
Dr. M. A. Trivedi	Incinerator Plant	02646-253135 Ext-217	9909994579
Mr. Ashish Gurjar	HR Office	02646-253135 Ext-107	9913064336
Mr. Narendra Patel	QC	02646-253135 Ext-127	9909994980
Mr. Viral Patel	Warehouse Office	02646-253135 Ext-238	9925497837
Mr. Sanjay S Joshi	Safety Office	02646-253135 Ext-232	7575001962

Pls. refer annexure - 1 on page no. 84

3. MAP OF THE AREA

M/s. BEIL Infrastructure Ltd., is located at 9701 to 9716, GIDC Industrial Estate, Ankleshwar – 393 002 Dist: Bharuch, Gujarat State. It is 6 km. away from Ankleshwar Railway Station. Other chemical manufacturing units located are, on the East side Agriculture land upto Jitali, North Side Industrial Solvents & chemicals Pvt. Ltd., South Side Agriculture land, on West side small scale industries, M/s, Prerana, M/s, Dhiraj can.

Pls. refer annexure – 2 on page no. 86

4. DEFINITIONS

Various definitions on different analogy used on Onsite & off-site Emergency Plan are as below:

An accident is an unplanned event, which has a probability of causing personal injury or property damage or both. It may result in physical harm (injury or diseases) to person(s), damage to property, and loss of company, a near miss or any combination of these effects.

A major accident is a sudden, unexpected, unplanned event, resulting from uncontrolled developments during an industrial activity, which causes, or has the potential to cause –

i. Serious adverse effect immediate or delayed (death, injuries, poisoning or hospitalization.) to a number of people inside the installation and /or to persons outside the establishment, OR

ii. Significant damage to crops, plants or animals, or significant contamination of land, water, or air, OR

iii. An emergency intervention outside the establishment (e.g.: evacuation of local population, stopping of local traffic), OR

iv. Significant changes in the process operating conditions, such as stoppage or suspension of normal work in a concerned plant for a significant period of time, OR

v. Any combination of above.

An emergency could be defined as any situation which presents a threat to safety of persons or/and property. It may require outside help also.

A major emergency occurring at a work is one that may affect several departments within it and or may cause serious injuries, loss of life, extensive damage to property or serious disruption outside the works. It will require the use of outside resources to handle it effectively.

Usually, the result of malfunction of the normal operating procedures, it may also be participated by the intervention of an outside agency, such as severe electrical storm, flooding, crashed air craft or deliberate acts of arson or sabotage.

Emergency due to operating conditions (uncontrolled reactions, small fire, small gas leak, spill, failure of power, water, air, steam, cooling media, scrubbing media, etc.) is not considered as a major emergency. Operating instructions in the safety manual shall cover this area, though the on-site emergency plan will also be helpful.

Disaster is a catastrophic situation in which the day-to-day patterns of the life are, in many instances, suddenly disrupted and people are plunged into helplessness and suffering and as a result of need protection, clothing, shelter, medical and social care and other necessities of life, such as –

1. Disaster resulting from natural phenomena likes earthquake, volcanic eruptions, storm, surges, cyclones, tropical storms, floods, landslides, forest fires, and massive insect infestation. Also in this group, violent draught which will cause a creeping disaster leading to famine, disease, and death must be included.

2. Second group includes disastrous events occasioned by man, or by man's impact on environment, such as armed conflict, industrial accidents, factory fires, explosions and escape of toxic gases or chemical substances, river pollution, mining or other structural collapses; air sea, rail and transport accidents, air crafts crashes, collisions of vehicles carrying inflammable liquids, oil spills at sea, and dam failure.

Environment as defined u/s 2(a) of the Environment Protection Act includes water, air, and land and the inter relationship which exists among and between water, air and land and human beings, other living creatures, plants, micro-organism and property.

Environmental pollutant defined by the same Act as any solid, liquid or any gaseous substance present in such concentration as may be or tend to be injurious to environment.

Hazardous substance is also defined by the same Act and Hazardous process is defined by Section 2(cb) of the F.A.1948.

Hazard is a physical situation which may cause human injury, damage to property or the environment or some combination of these criteria.

Chemical hazard is a hazard due to chemical (including its storage, process, handling etc.) and it is realized by fire, explosion, toxicity, corrosivity, radiation, etc.

Risk is the likelihood of an undesired event (i.e., accident, injury or death) occurring within a specific period or under specified circumstances. It may be either a frequency or a probability depending on the circumstances.
As per example risk of death for a man aged 30 is 1x10-3 per annum and that for a man aged 60 is 1x10-3 per annum.

Individual risk is the frequency at which an individual may be expected to sustain a given level of harm from the realization of specific hazards.

Social risk is a measure of the chances of a number of people being affected by a single event or set of events and is often presented as f/n curves (i.e., frequency v/s number of people affected).
The On-Site Emergency Plan deals with measures to prevent and controls emergency with the factory and not affecting outside public or environment.

The off-Site Emergency Plan will deal with measures to prevent and control emergencies affecting public and the environment outside the premises. The manufacturer should provide the necessary information on the nature, extent and likely effects of such incidents.

The Contingent or Disaster Plan of the area will be developed by the district or local authority based on the on-site and off-site emergency plan of individual units in that area.

5. OBJECTIVES OF THE EMERGENCY PLAN

It is the policy of M/s. Bharuch Enviro Infrastructure Ltd. That each individual should be aware of and understand his role in case of fire or explosion, or toxic release of gases/material.

The purpose of the preparation of disaster control plan is to work out as much details as possible for the likely events and prepare the instructions to point out action to be taken by individuals in case of fire or explosion or toxic release in the plant and surrounding areas. This is apart from the action taken by the process personnel, which will be according to their plant emergency procedures. These instructions are general in nature; however, it must be borne in mind that instruction of this nature cannot detail every action required in every situation which may arise. The action of each individual is described to minimize confusion and speed up action.

The key objectives of Emergency Plan are:

1. To define and assess emergency, including risk and environmental impact assessment.
2. To control and contain incidents.
3. To safeguard employee and people in vicinity.
4. To minimize damage to property or/and the environment.

5. To inform employees, the general public and the authority about the hazards/risks assessed, safeguards provided, residual risk if any and the role to be played by them during emergency.
6. To be ready for 'mutual aid' if need is arising to help neighboring unit. Normal jurisdiction of OEP is the own premises only, but looking to the time factor in arriving the external help or off-site plan agency, the jurisdiction must be extended outside to the extent possible in case of emergency occurring out side
7. To inform authorities and mutual aid centers to come for help.
8. To effect rescue and treatment of casualties. To count injured.
9. To identify and list any dead.
10. To inform and help relatives.
11. To secure the safe rehabilitation of affected areas and to restore normalcy.
12. To provide authoritative information to the news media.
13. To preserve records, equipments etc. and to organize investigation in to the cause of the emergency and preventive measures to stop its reoccurrence.
14. To ensure safety of works before personnel re-enter and resume work.
15. To work out a plan with all provisions to handle emergencies and to provide for emergency preparedness and the periodical rehearsal of the plan.

On site emergency plan: Statutory requirement

- **Factory Act 1948, Section 41-B (4):** It requires to draw up an Onsite Emergency Plan with detailed Disaster Control Measures for the Factory and to educate the workers employed in the factory premises.
- **Rule 13 of the Manufacture, Storage, and Import of Hazardous Chemicals Rules, 1998:** Preparation of Onsite Emergency Plan by the occupier.

It is obligatory by Rule 15 of MSIHC-1989 on the part of an Occupier of hazardous chemicals to prepare an emergency plan and to take appropriate steps to inform the 'Do's and Don'ts' which should be adopted in the event of major accident.

CHAPTER-II

RISK & ENVIORNMENTAL IMPACT ASSESSMENT

1. FACTORY LAYOUT

Pls. refer Annexure – 3 on page no. 87

2. STORAGE HAZARDS & CONTROLS

Products & raw materials

Main process of M/s BEIL Infrastructure Limited is to treat, store and transport hazardous waste generated by member units at TSDF. This is a nonmanufacturing Industry. No product is produced here except heat recovered from incineration process and combustible gas has been produced by treatment of biodegradable food waste.

Core activity of the industrial unit is to protect environment by providing efficient treatment facility of industrial hazardous waste.

List of raw material

BEIL is TSDF facility of Industrial Hazardous waste; this is nonmanufacturing. Industry. No product is produced hence no RM has been used but following RM used which is required to treat waste.

1) NaOH
2) Lime
3) Carbon; and
4) Natural Gas (as a fuel)
5) Furnace oil/Coal (as a fuel)

Pls. refer Annexure – 4 for storage hazards & controls on page no. 88

MSDS of chemicals are also provided.

Pls. refer Annexure – 5 for MSDSs on page no. 93

3. PROCESS & VESSEL HAZARDS & CONTROLS

BEIL Infrastructure is having two main facilities first one is common hazardous waste treatment, storage and disposal facility (Landfill of Hazardous waste) and second one is

Incineration (including Incinerator with heat recovery and MEE and storages of Incinerable waste) and others are drum decontamination and recycling of waste plastic.

A) LAND FILL SITE

OPERATIONAL METHODOLOGY OF TSDF

1) Waste Acceptance Criteria

- The generator should have Authorization for disposal as per Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2008.
- At the time of taking membership, the company is doing complete analysis of solid waste and the same sample is preserved for further physical verification.
- As the dumper comes to site, it is weighed and, samples are taken from 3 different location and composite sample is made and analyzed for following quick parameters:

- pH
- PFLT test for moisture content
- Odor
- Flammability
- Compatibility
- Physical state
- LRT
- Annealing loss

Only if the sample passes through above quick tests it is allowed to enter the disposal site.

2) Manifest System

We have manifest system as per Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008. Manifests are six copies in different colors. However, GPCB has introduced an online manifest system for waste acceptance. At present, the online system is being followed. (GPCB- XGN generated manifest)

3) Transportation of Hazardous Solid Waste from Generation Site to TSDF

Transportation of hazardous solid waste is done as per guidelines of CPCB. The TSDF is having approved transporter with dedicated vehicles (Hydraulic) for transportation of solid waste. All the vehicles are having the nameplate with details of company's name, address,

phone no., etc. During transportation, containers are closed from all sides and covered from top.

4) Weighing and Sampling of Waste

As the dumper enters weighbridge, samples are taken from three different locations and a composite sample is made. Once the quick test is passed, truck is allowed to enter the premises. If any truck does not meet the Hazardous solid waste inlet specification, it is returned back to member industry for necessary treatment.

5) Operation of TSDF dumping area

The dumper carrying the hazardous waste is first subjected to quick tests and if it is approved by QA, the hydraulic dumpers are sent for unloading in landfill area. The operation of land filling area is cell wise.

6) Ground Water Sampling and Analysis

Provided monitoring wells at the site for ground water monitoring. There are twelve electric bore wells. Four wells at the upstream and four wells at the downstream. Three additional wells are provided at the downstream side of Phase-II (new site). The monitoring parameters are analyzed as per the guidelines given by the CPCB. Company has laboratory facility for analysis of bore well water. Monitoring is done once in Month.

7) Leachate Management System

Cell-wise leachate collection wells are provided. There are 6 number of Leachate well for closed site and 7 leachate wells for the continue Phase-II. Leachate is pumped out from leachate wells to tankers and is sent to the M/s. ETL (CETP), Ankleshwar for treatment & disposal and part of it is being treated in MEE plant.

8) Gaseous Emission Management

Provided air vents at the closed portion of the land fill. We are regular monitoring of these vents for VOC & HC.

9) Closure and post closure maintenance details for closed cells including vegetative stabilization:

Provided coverage system with vegetative cover area as per CPCB criteria for Phase-I cells. The closed portion is given proper landscape.

We are providing storage shade on operational cell during monsoon period. The main operational site is kept covered by tarpaulin with separate rainwater collection system during monsoon.

10) Surface Water Drainage System

The storm water drainage system is provided at the site. The surface water generated during rainy season is collected through storm water system and after filtration, recharged to ground water through water harvesting system.

11) Site Infrastructure:

(a) We have established administrative and site control office with latest equipment like computers & computerized weighbridge, printers, fax, Xerox machine with scanning etc.

(b) We have provided with a well-equipped laboratory. For sampling and analysis of solid wastes, air, leachate and observation borewell water, Incinerable waste. The laboratory is accredited by national Accreditation Board for Analytical Laboratory (NABL).

(c) Peripheral roads have been constructed near the Incinerable waste storage sheds.

(d) Three additional storage sheds are constructed for Incinerable wastes. At present, there are a total 10 sheds for storage of Incinerable wastes.

(e) Stabilization facility is provided for wastes that require treatment/stabilization before disposal in landfill.

(f) Green belt details:

We have developed green belt in and around our site and have planted more than 5000 trees.

12) Safety and pollution control i.e., traffic, noise, odor, litter, bird control, vermin and other pests, dust, mud on road, landfill fire control, landfill safety aspects.

- Usage of PPE's like gum boots, glove, gas mask by the person-working site.
- Avoiding manual operation. The company is using hydraulic dumpers for transportation of wastes, no manual unloading is required for wastes.
- The company is utilized bulldozers for separating and compacting the wastes.
- The company is checking the ignitability and compatibility of wastes before dumping the wastes to the site it is helping in fire control and any reactivity after disposal.
- There are not many noise making equipment used at site.

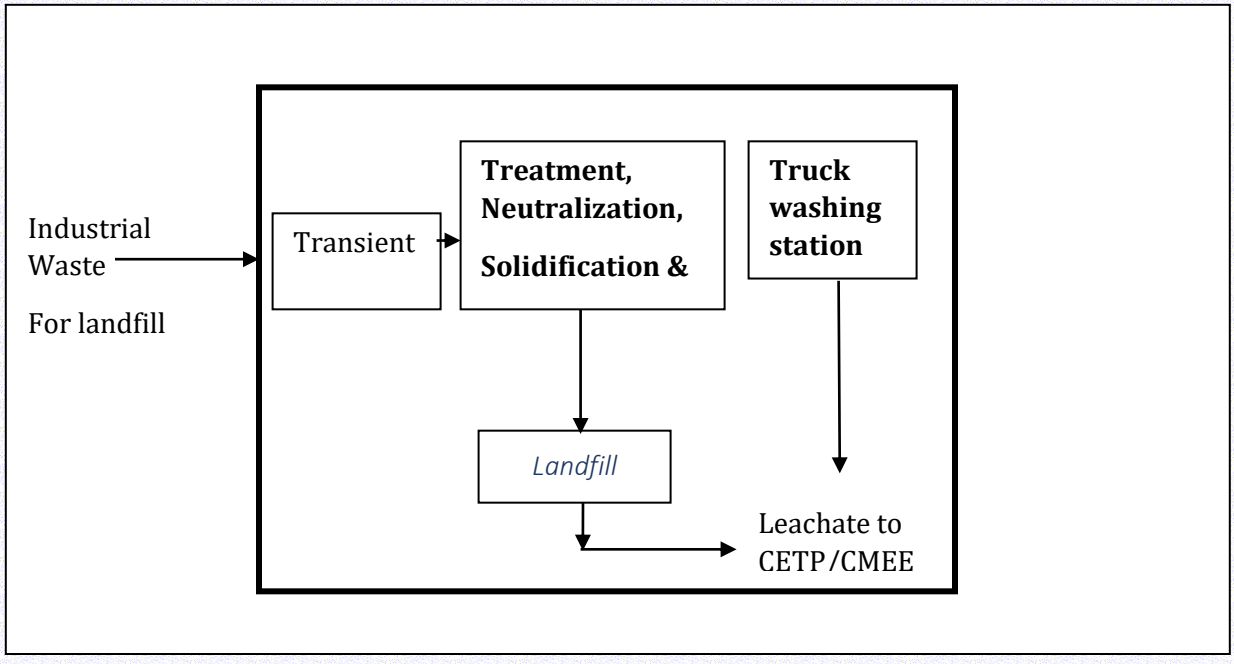
- The company has procured road-sweeping machine for maintaining good housekeeping of roads.
- Odour control is being done with control of the characteristics of wastes being received. Closed handling system is used.
- The used area is covered with soil, which helps in control of vermin / insect / pests etc.
- Drivers are given training for handling hazardous wastes at the disaster prevention and management center at Ankleshwar.
- Routine inspection of vehicles is done.
- On site emergency plan is prepared.

13) Closure and Post Closure Plan:

Completed landfill site has been provided top cover with vegetative cover of approx 36,360 sq.m. area. The closed portion is given proper landscape. The surface water generated during rainy season is collected through storm water system and after filtration, recharged to ground water through water harvesting system. The covered portion is maintained properly and inspected by civil engineer.

A post closure fund is allotted and is being collected from all the member industries.

Flow diagram of landfill facility



B) INCINERATION DETAILS:

The unit has set up common incineration systems in the year 2005 & 2012 respectively at the same site. The incineration systems are as rotary kiln type with post combustion chamber, Evaporative cooler, dry scrubber, bag filter, wet scrubber, ID fan. The systems can treat solid wastes/liquid waste/sludge generated by the industries.

Incinerator Plants with Heat Recovery and Evaporation system

The incineration systems are set up with same capacity and air pollution control system. In both the incinerators, additionally Heat Recovery System along with Multiple Effect Evaporation System is incorporated. The incineration plant is designed as per CPCB Guideline.

All required basic infrastructure facilities – like Storage System, Waste charging system, Fire Hydrant System, Laboratory is already available at the site. The incineration system consists of feeding system, dual burners (natural gas or liquid waste), rotary kiln, secondary combustion chamber, evaporative cooler, lime / carbon injection system, bag filter, wet scrubber, ID Fan, continuous monitoring system and chimney. Additionally, heat recovery boiler is installed, which recovers the heat from flue gas coming out from secondary combustion chamber and produced steam is taken to Multiple Effect Evaporation System. Heat Recovery Boiler is made of special material of construction to take care of corrosive environment present in the flue gas. The flue gas coming out of boiler will be cooled in the Gas Conditioning Tower with the help of water and air; and flue gas at a temperature of 200 to 250 ° C will be taken to inlet of Bag Filter prior to lime / carbon injection point. The plant can be operated either with Heat Recovery System or without Heat Recovery System as per provisions made. In case of any shut down of Multiple Effect Evaporation Plant or any problem with the Boiler, incineration plant can be in operation and evaporative cooler will take care of cooling of flue gas as per provision in the First incinerator.

The flue gas is passed through Bag Filter 720 nos. of Teflon bags for removal of Suspended Particles and lime used. Used lime collected is disposed off in secured landfill. The clear gas coming from Bag Filter is taken to Wet Scrubber which is a big tower where Caustic solution will be circulated. Here, acidic gases are removed and all parameters are within permissible limits with respect to SPM, HCL and SO_2.

There is a Mist Eliminator before ID Fan to remove condensed water. ID Fan sucks flue gas from Rotary Kiln to Chimney and provides required negative pressure in the system.

Rotary Kiln and Secondary Combustion Chamber are lined with high alumina refractory to take care of the temperature. Rotary Kiln is operated at 850 $\pm$ 50 ° C and Secondary Combustion Chamber is operated at above 1100 ° C temperature, with above 2 seconds gas residence time.

The concrete chimney of 45 M height is constructed to vent the cleaned flue gas. This chimney is also acid proof lined. Inside diameter of chimney is 1.84 M and 4 nos. of

sampling points are provided at 22 M height. A sampling platform is also provided at 21 M height with handrails.

The chimney has been designed with a capacity considering both incinerators.

List of Equipments

- Waste feeding/charging facility.
- Rotary Kiln
- Post combustion Chamber
- Heat Recovery Boiler
- Standby Natural Gas / F.O. operated Boiler
- Evaporative cooler
- Lime and Carbon feeding system
- Bag filter
- Pneumatic conveyer with dust collector
- Wet scrubber
- Continuous Monitoring System
- ID Fan
- Chimney
- Multiple Effect Evaporation system
- Ash Handling System
- Control Panel
- Emergency Power Supply
- MCC Panel
- Fire Hydrant System; and
- Video Camera for monitoring

INCINERATORS WITH HEAT RECOVERY BOILER AND EVAPORATION SYSTEM PROCESS DISCREPTION:

Rotary Kiln

It is pre-heated to 750º C using natural gas. Its operating temperature will be 850 ± 50º C. The waste feeding is started when the temperature reaches 800º C using various types of feeding mechanisms provided. The kiln is rotating in clock-wise direction with Girth gear and drive mechanism. The vacuum to be maintained at –10 to –5 mm wc in order to take out the flue gas to chimney. The solid retention time is 90 mins. Pneumatic ceiling is provided at front end to avoid entry of air.

Post-Combustion Chambers

In the post-combustion chamber temperature is maintained above 1100°C as per CPCB guidelines and the gas retention time is above 2 Seconds. The natural gas is used as auxiliary fuel to maintain the temperature. The high calorific value waste can also be injected to maintain temp. The aqueous waste spray also helps in maintaining heat load. The ash from the kiln as well as the post combustion chamber is collected in the submerged ash conveyor at the bottom of this chamber. The negative pressure inside the chamber is –10 to –15 mm wc. The entire volatile organic compound is thermally degraded in this chamber. An emergency vent is provided on the top of this chamber.

On the Top of this chamber two out let duct lines are provided. One is directly connected with main Evaporative cooler and the second one is for diverting the hot flue gases to waste heat recovery boiler.

Waste Heat Recovery Boiler

The flue gas from Post combustion chamber enters at Temperature of 1100º C in waste heat recovery Boiler and convert the water in to steam by heat transfer. Out let Temperature of flue gas from Heat Recovery Boiler will be 400º C.

The steam generated from Heat Recovery Boiler is used to operate Evaporation system.

Gas Conditioning Tower of Waste Heat Recovery Boiler

The function of this chamber is to cool the gas coming from waste heat recovery boiler from 400º C to 220º C with the water sprays provided

Evaporative Cooler of Incinerator plant:

When the heat recovery Boiler will not be under operation the Evaporative Cooler of Incineration plant will be taken in the line to cool the flue gas coming from secondary

combustion chamber. The flue gas will enter with a temperature more than 1100 º C. To cool the flue gas water spray will be utilized. The atomized water particles absorb the heat of flue gas and get evaporated inside the chamber with considerable drop in the Temperature. The pressure in this chamber will be –50 to – 20 mm wc.

Lime and carbon injection system:

The purpose of the system is for the dry scrubbing of the flue gas coming from the combustion chamber. The lime and carbon are stored in separate feed hoppers and is injected into the main flue gas line through Powder Handling Automation Lime and Carbon feeding system. This is a completely closed system and prevents dusting.

Bag filter

The Bag Filter is having approximately 700 nos. of Teflon Bags. The cooled gas from the evaporative cooler or from Gas Conditioning Tower of Heat Recovery System, after injection of Lime / Carbon, enters in to the Bag Filter chamber. The bag filters operate on the principle of pulse jet. Pneumatically operated valve controls the pulse jet operations. The deposited used lime is discharged in the dust collection system. The dust free flue gas goes to wet scrubbing system.

Considering the material of construction of the bags i.e. Teflon, proper care is taken to maintain the temperature less than 250 Deg C at the inlet of Bag Filter. The pressure drop across the bag filter is controlled by avoiding deposit of lime on the bags.

Wet Scrubber

The function of the Wet Scrubber is to remove remaining acidity from the flue gas. Caustic solution is circulated in the scrubber. This scrubber is made of FRP+FRV and is having packing. Before entering the wet scrubber, with the scrubber solution, the flue gas is cooled from 200 Deg. C to 80 Deg. C. The scrubbed solution is partly evaporated or it is sent to CETP for treatment and disposal or treated in Evaporation System and generated condensate send to CETP for treatment and disposal

ID Fan and chimney

ID Fan will provide required vacuum in the entire incineration system. The discharge of ID Fan is connected to the chimney. The new chimney is made of concrete with 45 M height. Sampling points are provided at 22 M height.

Submerged Ash Conveyor

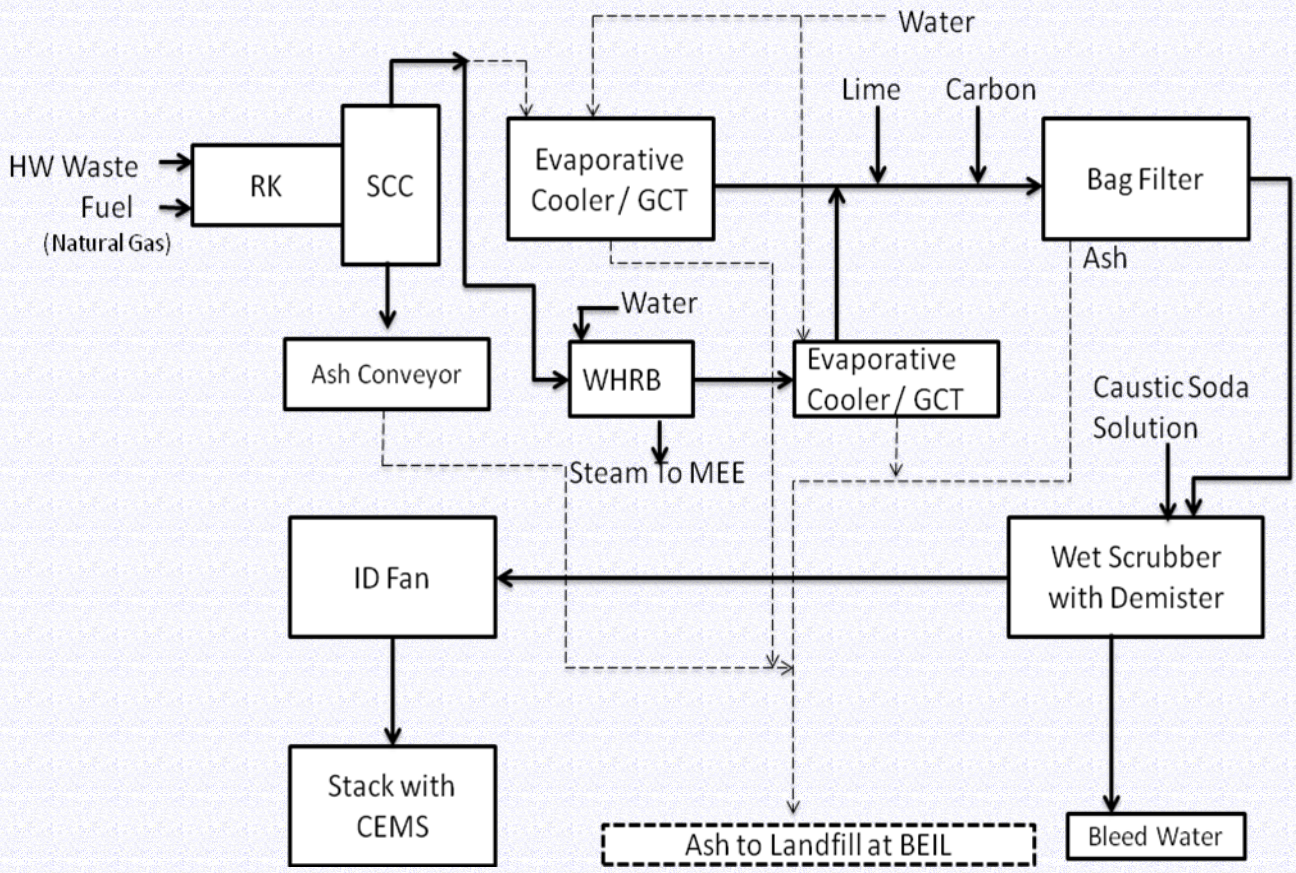
The ash generated from the incineration system is collected in the submerged ash conveyer. The collected ash is disposed off in the landfill.

Multiple Effect Evaporation system:

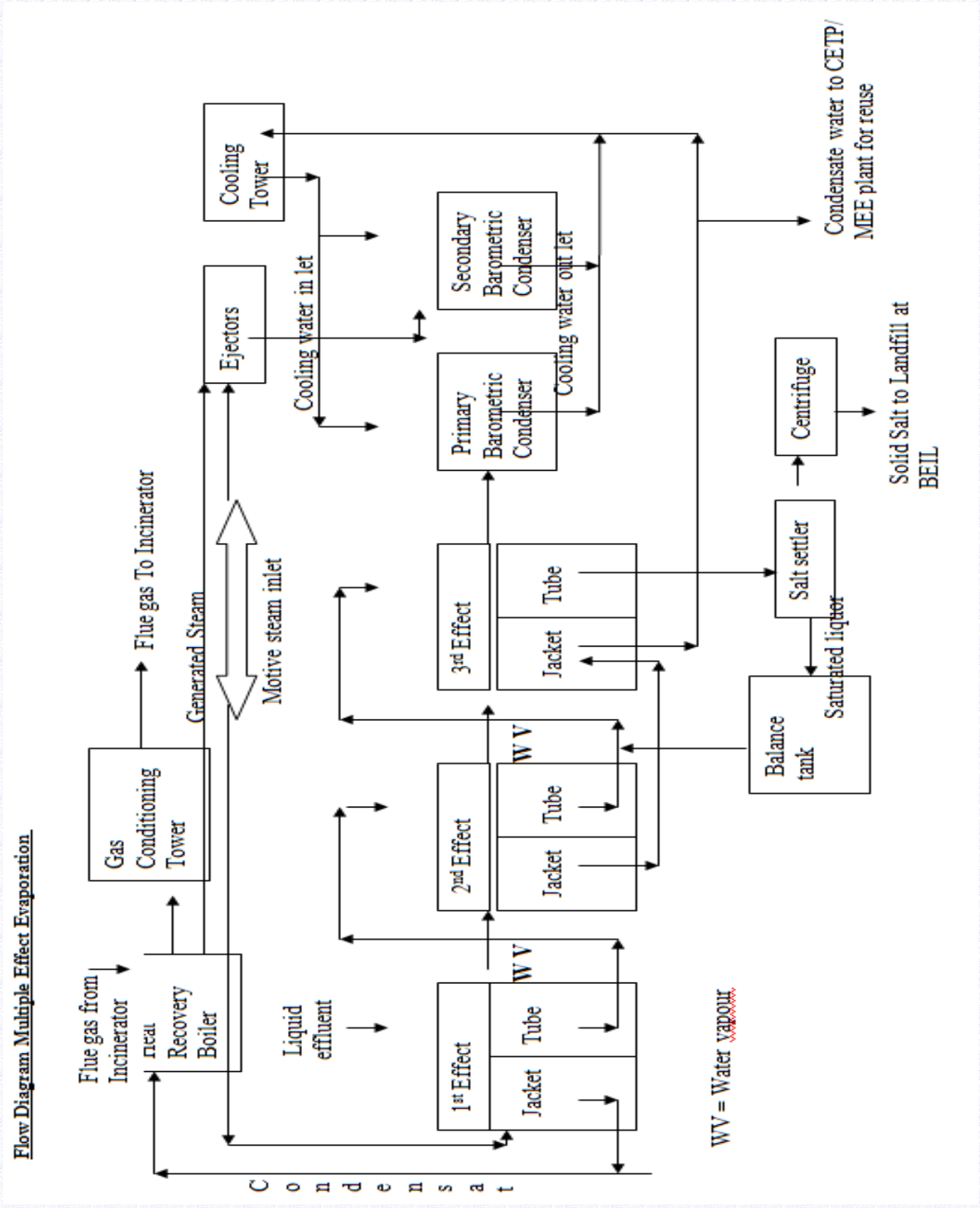
The Multiple Effect Evaporation System having 3 stages with striper and centrifuge have capacity of 15TPH. Steam generated from Heat Recovery Boiler is taken for evaporation. The system can evaporate effluent with high dissolved solids and the salt can be collected from the last stage.

A stand-by Boiler is also arranged for availability of steam when the incineration plant is not in operation or any other maintenance problem. This will help in better operation of the MEE System.

Incineration plants with Heat Recovery Boiler



Multi Effect Evaporation Plant Flow Diagram



a) Blending Procedure of Mix liquid waste / Solid waste for co-processing for Cement Industries:

BEIL is Treatment storage and disposal facility of Hazardous waste. TSDF is receiving the waste generated from the member Industries for Secured landfill disposal, incineration and Evaporation.

The waste received for Incineration is first analyzed by our Laboratory and on the base of the analysis the storage is being decided. BEIL has storage facility for Incinerable waste as per CPCB guideline. The waste is segregated on the Physical state, chemical characteristics, Calorific value, Reactivity and Ph.

Considering the fact that incineration of the hazardous waste in the Common incinerator facility provides an environment friendly solution but not the best option. In the current scenario of energy crisis, co- processing of the combustible waste in a cement plant is one of the better option from Energy recovery point of view as well as better option to help reduced the CO_2 emission

Accordingly, BEIL collects the waste liquid and solid from various waste streams / waste generators, blend the liquid / solid waste, which is suitable for co processing and send it to Ambuja Cements limited in compliance with CPCB / GPCB guidelines.

As per the "Guideline on Co-Processing in cement/power/steel Industries" published by central pollution control Board (Ministry of Environment & Forest, Govt. of India, New Delhi), February – 2010, Trial Run for co-processing of waste mix liquid and Solid of BEIL, Ankleshwar was carried out at Ambuja Cement.

Pollution Control Board has been granted permission for co-processing of mix liquid & solid waste of Bharuch Enviro Infrastructure Limited at m/s Ambuja cement.

BEIL has developed facility for preparation of Mixing / blending of the waste.

To send the liquid waste for co-processing first waste menu will be decided on the base of chemical properties, Compatibility, reactivity, flammability and corrosively. The selected waste liquid will be transferred to the charging tanks from drums. Then the liquid waste is taken to the storage tank, which is having humanizer for proper mixing of the liquid waste. Pumps are provided at the tank for loading of the tankers to send it to cement industries for co-processing. This is a complete close system and Fire hydrant system is provided around the area.

b) Plastic waste recycling

PROCESS DESCRIPTION

1. Plastic waste recycling plant

To recycle the plastic waste, steps is being taken as under:

1. Collection of plastic waste.
2. Segregation of plastic waste.
3. Cleaning / Washing & drying of Plastic Waste.
4. Cutting / Sizing of Plastic waste.
5. Agglomeration / Densification of plastic waste.
6. Making granules in the extruder machine

1. Plastic waste for use in RDF/selling.

To reuse the plastic waste as RDF/selling, following steps are as under.

1. Segregation of plastic waste.
2. Cleaning/Washing & drying of Plastic Waste.
3. Cutting / Sizing of Plastic waste.
4. Packing of sized Plastic Waste

Collection of Plastic Waste

We are receiving approx. 800 MT per annum of Plastic Waste from member industries in form of plastic packing material, which are disposed in secured landfilling. We had taken trials for recycling of the plastic packing material received at our site. We took trials to make granules out of this waste plastic. The granules we got are marketable and are saleable. Following processes were undertaken at machinery manufacturer's site to process the plastic.

Segregation of plastic waste

We segregate the plastic waste based on the LDPE (transparent plastic bags) Low Density Polyethylene and HDPE (wovensex material bags) High-density polyethylene.

Cutting / Sizing of Plastic waste

The cleaned plastics waste is then required to be properly sized so that those may be fed into the extruders for processing and palletizing. The sizing operation depends on the type and shape of the waste plastics. During this process, attention is required to separate any powdery material from the sized / chipped plastics. For LDPE/HDPE (plastic bags) plastic waste, this sizing is important to feed sized material into the extruder to make granules.

Cleaning / Washing & Drying of Plastic Waste

Cleaning / Washing of plastic waste depends on the contamination in the waste. Generally industrial waste does not need to clean like domestic waste, but if needed we can follow the cleaning method as per below.

First of all, wash the plastic waste by normal water which removes the dust and soil particles then followed by detergent / caustic (1%) solution which removes the contamination which was not removed by simple water and finally by hot water to remove the detergent & caustic from the surface of plastic waste.

After washing its need to dry in the sunlight in open space or passing the waste from the hot air in the drier.

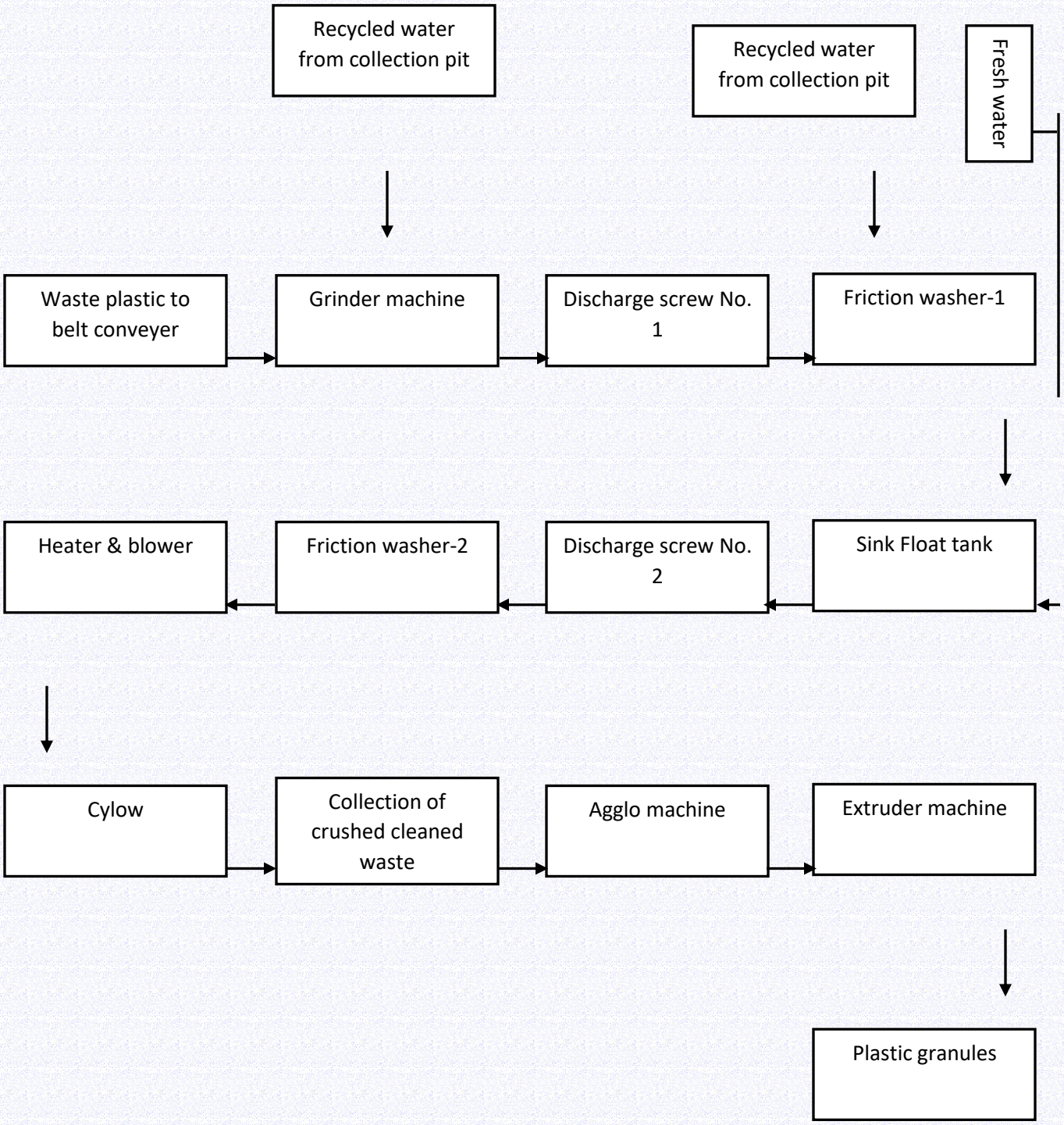
Agglomeration of Plastics

During the production agglomerated continuously with the PALLMANN Plast-Agglomerator into free-flowing granules.

Making granules in the extruder machine

After proper sizing of the waste plastic, now it is ready to enter into the extruder machine where the plastic waste is melted and come out with the granules of the plastic. That granules can be packed and is ready for the sale.

Process Flow Diagram for processing of Plastic Waste



c) Drum Decontamination Facility

The Member Industries send their Incinerable waste to BEIL for Incineration in drums and tankers. The tankers are directly unloaded to the storage tanks. The drums are charged into the reactors after confirmation of Compatibility test; empty drums are shifted to empty drum storage area.

BEIL has developed the drums decontamination facility with high spray nozzle system. Drums are washed inside by using caustic solution, sodium hypochlorite, fresh water etc. as per the characteristics of the waste. The outside surface is also cleaned by fresh water.

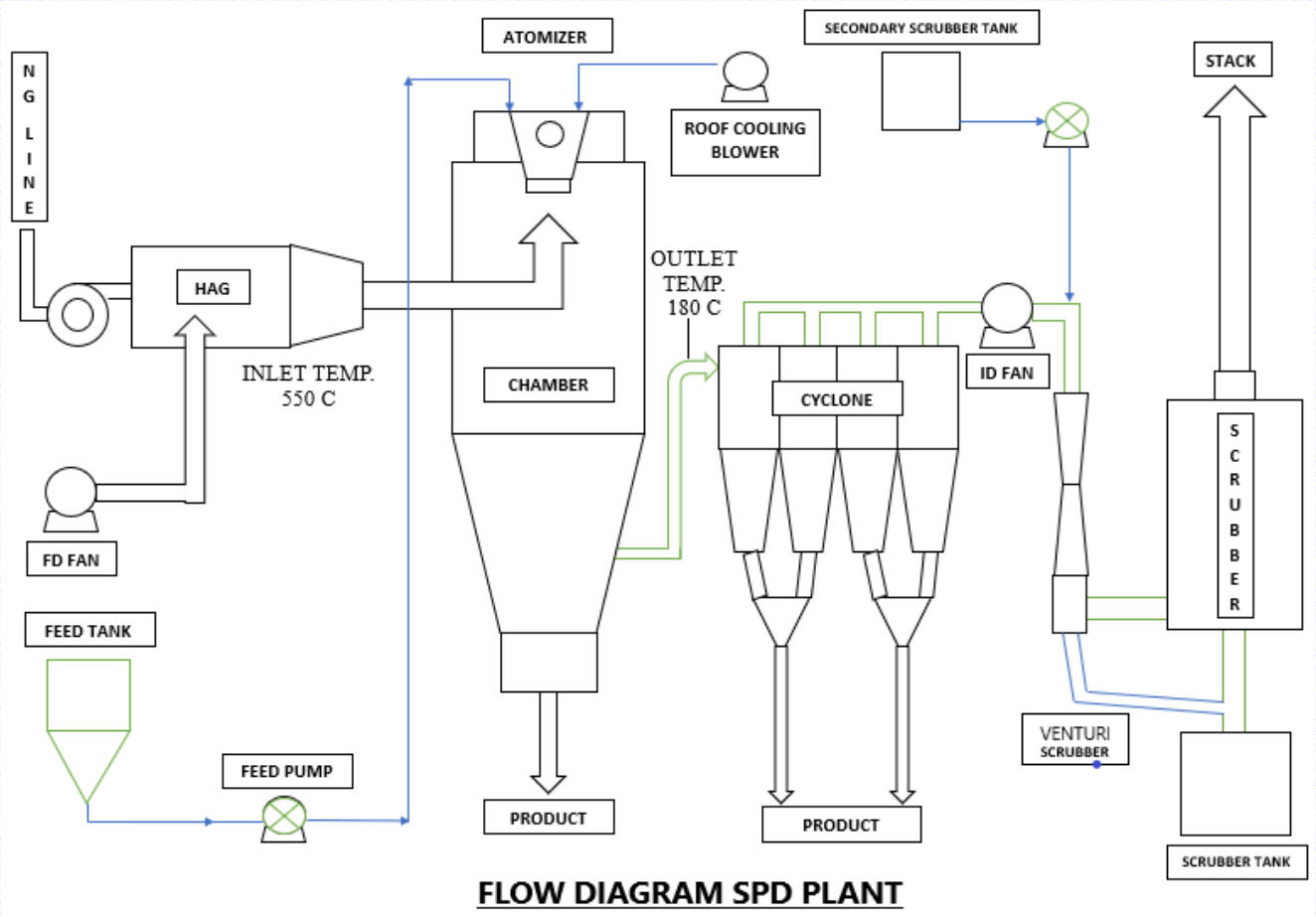
The decontaminated drums are tested, approved & sold to authorized scrap dealer.

The wastewater generate during decontamination is being incinerated.

Pls. refer Annexure – 6 on page no. 179

SPRAY DRYER PLANT WITH HAG

Brief Process Description: The 40% w/w concentrated liquid from MEE plant will be fed to spray dryer at 550 °C. The dried solid (5% Moisture) after spray dryer is obtained will be disposed of in landfill site. Hot air is further processed in cyclone separator to remove solid carry over then through scrubber and discharge through chimney of sufficient height.



FLOW DIAGRAM SPD PLANT

PADDLE DRYER PLANT

PROCESS DESCRIPTION

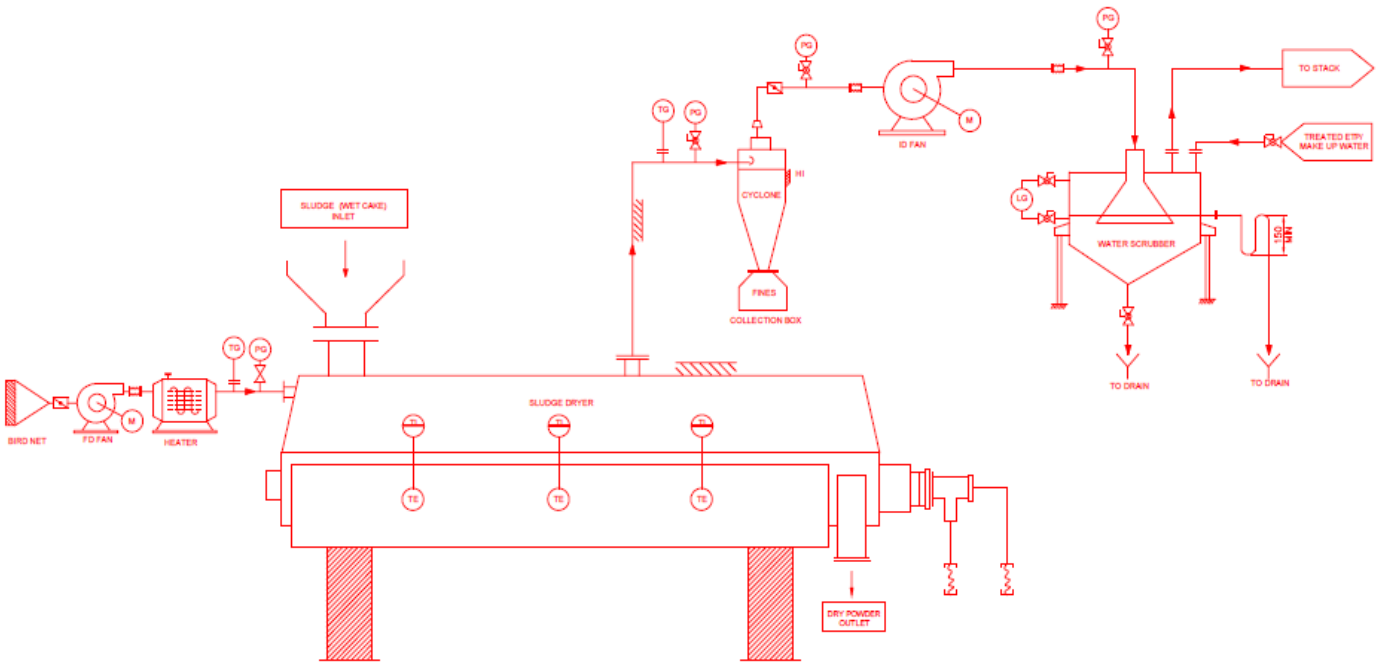
The Paddle dryer system consists of Paddle Dryer with feed hopper, Air Heater, Cyclone Separator with rotary airlock valve, Forced Draft Fan, Induced Draft fan and Dip Type Wet Scrubber.

Paddle dryer is designed to handle a wet feed of 1000 kg/hr (75% w/w moisture). Kilburn Paddle dryer consists of thermal shafts, which are housed in a jacketed trough. Thermal Shafts are made of pipes and are provided with hollow cuneiform paddles on shafts along its length. These paddles and the jacketed trough provide the required heat transfer surface.

Thermal shafts are provided with the rotary joints at both the ends for steam entry & condensate removal. The revolving hollow paddles alternately, sectionally compress and expand the material, which offers high degree of agitation on heat transfer surface. This results in high heat transfer rates to the material to be dried.
Drive system for thermal shafts consist of a drive motor, gearbox, chain and sprocket.

The materials along its path through the paddle dryer get dried and get discharged at the other end. On the top cover of paddle dryer sight glasses been installed to observe the hold-up of the material inside the dryer. To empty the dryer, a cleaning nozzle provided at the bottom of casing is opened. The last 10-15% of the product has to be removed by assistance of the air or flushing with water.

The temperature of product in the dryer are measured by 3 temperature elements (TE-101/102/103) located along the length of dryer. A forced draft fan is provided for the supply of scavenging air to the dryer system. Water vapour is carried to the exhaust with the help of scavenging air. The scavenging air is heated in a finned tube air heater using the steam. The scavenging air – water vapour will be vented to the atmosphere through a cyclone separator & water scrubber with the help of induced draft fan. The fines carried along with exhaust air are separated in the Cyclone Separator and same will be collected in rotary airlock valve located at the bottom of Cyclone Separator. The exhaust duct from the exhaust fan will be dipped into the scrubber. As the exhaust air enters the scrubber the temperature of water rises hence to cool the temperature of water, makeup water / treated ETP water is added to the scrubber. Balanced/ negative pressure is maintained with help of induced draft fan.
(Please refer the attached P&ID: NPD-121-A-101-R0 enclosed).



LEGENDS:

MD : MANUAL DAMPER
FB : FLEXIBLE BELLOW

TG : TEMPERATURE GAUGE
PG : PRESSURE GAUGE
LG : LEVEL GAUGE
TE : TEMPERATURE ELEMENT
TI : TEMPERATURE INDICATOR

DRAWING RELEASE PARTICULARS

KILBURN ENGINEERING LTD

A/C: –

TITLE: P&ID FOR SLUDGE DRYER SYSTEM

KPB-7949

DATE	DESIGNED	DRAWN	CHECKED	APPD.(P)	APPD.(A)	PROJECT
–	PSP	PRN	PSP	PSP		

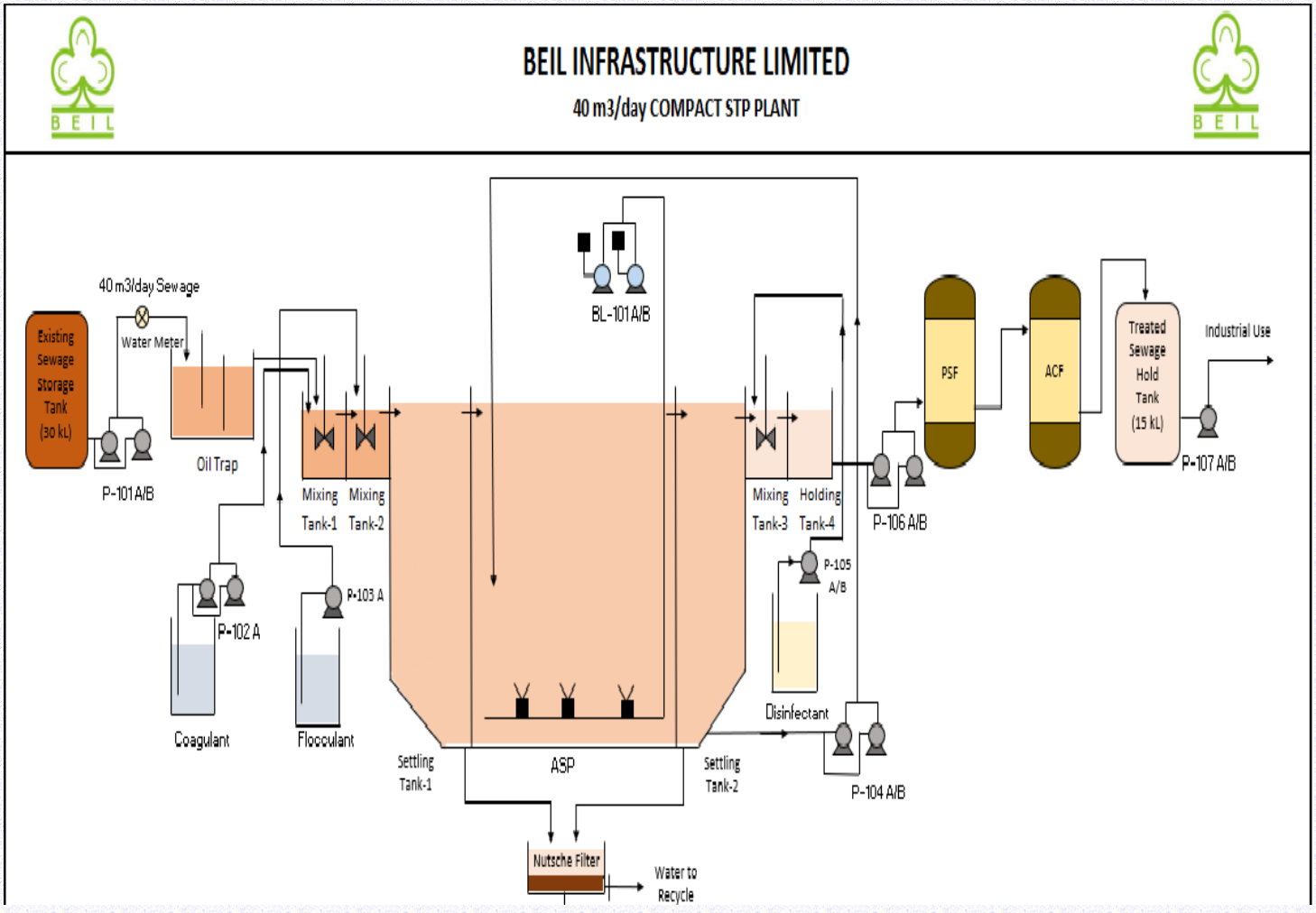
STP PLANT

BRCPL has collected the data of various streams and propose the Compact STP Plant with conventional tertiary treatment like Sand filter, activated carbon filter for recycle and reuse of sewage water.

The various stream is collected in Existing tank to equalize the loads and continuous operation. Then effluent is pumped to Coagulant Mixing Tank then to the Flocculent Mixing Tank and from there it is sent to the Primary Settling Tank-1.

Effluent is fed to Primary Settling tank-1 to remove the suspended particles. Then, the effluent is fed to Aeration tank (Activated sludge process, ASP) to reduce COD up to desired level. In ASP air will be provided by Root Blowers through Disc type diffusers for better oxygen transfer. The treated effluent will be settled in Secondary Settling Tank-2. The Clear Liquid is again fed into mixing tank-3 where disinfectants are added and then it is fed into the Holding Tank 1. The effluent is passed through Pressure Sand Filter and Activated Carbon Filter and collected in 15kl HDPE tank for further use.

This effluent will be suitable for Industrial application like cooling tower make up, toilet flushing, floor washing and gardening.

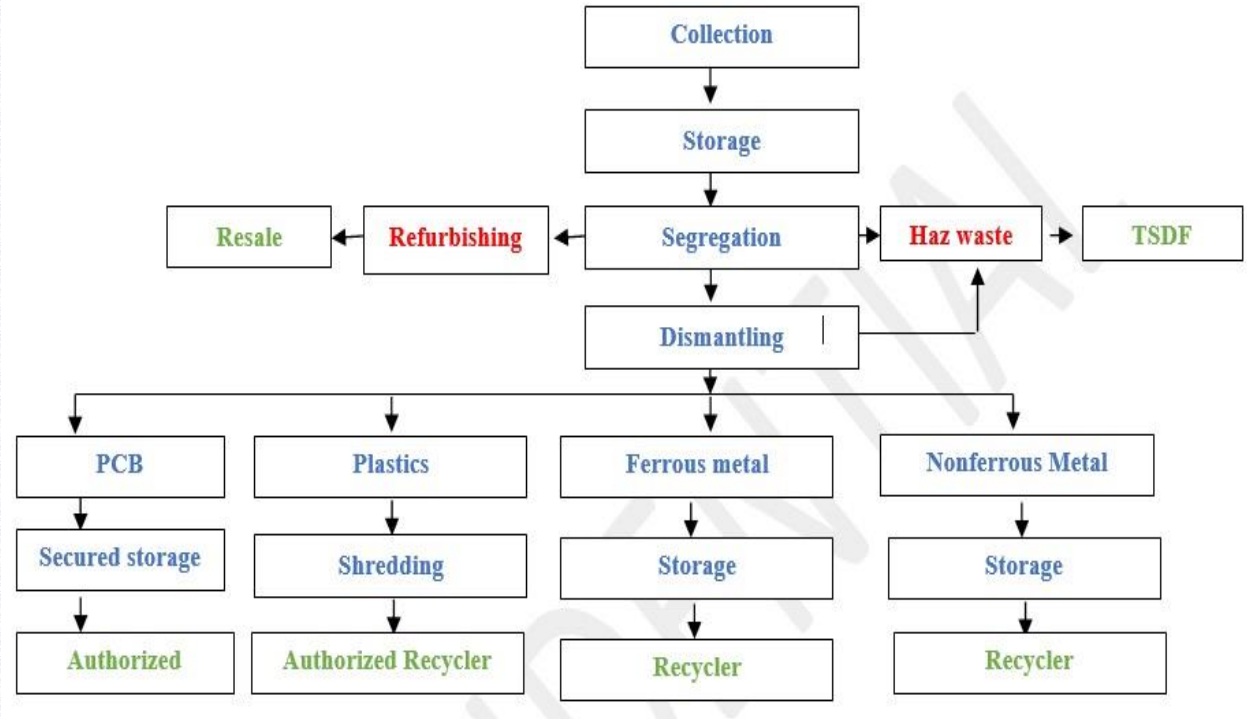


E-WASTE PLANT BRIEF DESCRIPTION

BEIL Infrastructure Ltd. has established an E-waste Collection, dismantling, refurbishing and recycling facility at location in Ankleshwar Gujarat and our plant capacity is up to 700 TPA. We are collecting E-waste from industrial zones, societies, medical sectors etc. in pan India and manually sorted & segregated according to type of materials and recycle material. We are providing free data destruction facility. The facility is established with the best available technology. We are issuing green certificate for after safe disposal of E-waste and entry of disposal in green passbook also.

PROCESS FLOW CHART

Figure 1: Process Flow Chart



ZLD (ZERO LIQUID DISCHARGE) PLANT BRIEF DESCRIPTION:

BEIL Ankleshwar have installed Common Triple Effect Evaporator (MEE) to provide facility for treatment for high COD/ high TDS effluent generated by member industries, which are not being treated by conventional treatment. During operation we observed that MEE condensate contains organic impurities and cannot be used for inhouse industrial application.

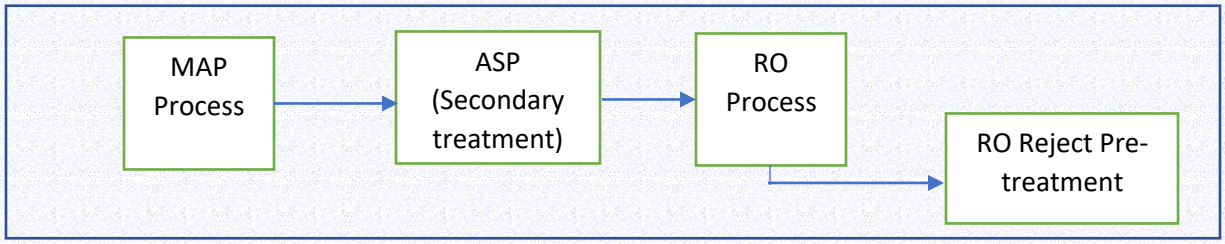
Scrubber water, leachate water, or wheel wash effluent shall be treated in the treatment plant followed by RO to achieve zero liquid discharge. MEE condensate treatment by biological treatment followed by Reverse Osmosis.

The Condensate is collected at site in the underground tank. Since condensate water contain high Ammoniacal Nitrogen, Magnesium Ammonium Phosphate (MAP) treatment is planned before secondary treatment.

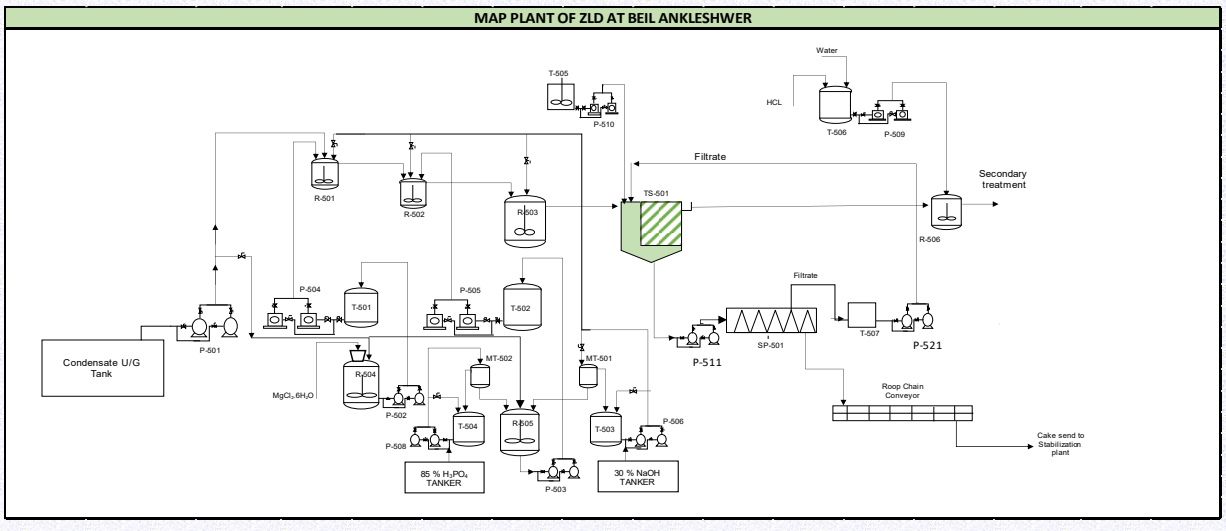
The MAP treated Effluent is feed to aeration tank for activated sludge process designed according to the load and thereafter, overflow will be feed to secondary clarifier for the separation of biomass. Some operational parameters F/M ratio, MLVSS, MLSS and sludge wastage etc will be required to be adjusted.

The clarified effluent thereafter will be passed to MBBR further the overflow will be feed to tube settler for sludge separation, the overflow of Tube settler will be passed through Gravity Sand filter and then further will be feed to tertiary treatment (i.e., UF and Two stage RO) for further process.

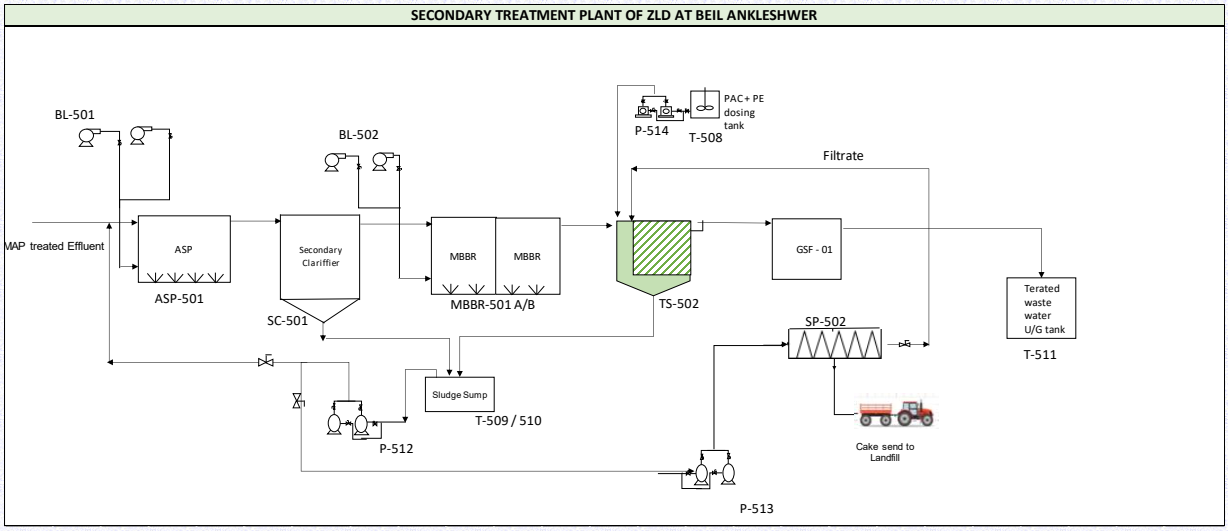
FLOW DIAGRAM OF ZLD:



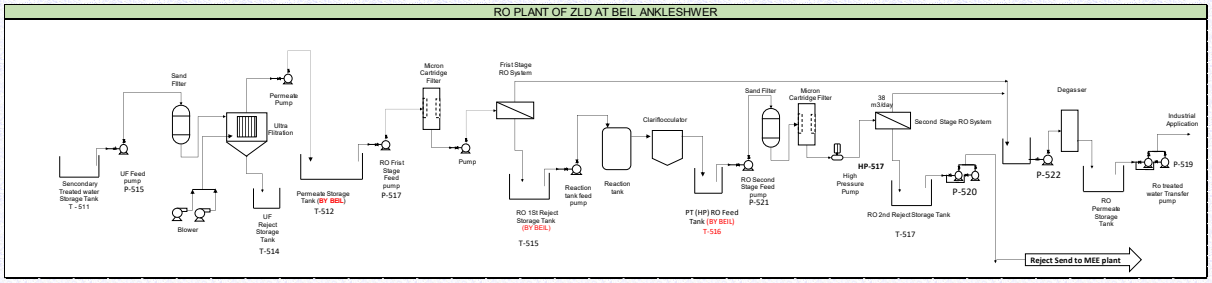
Process diagram of MAP (Magnesium Ammonium Phosphate):



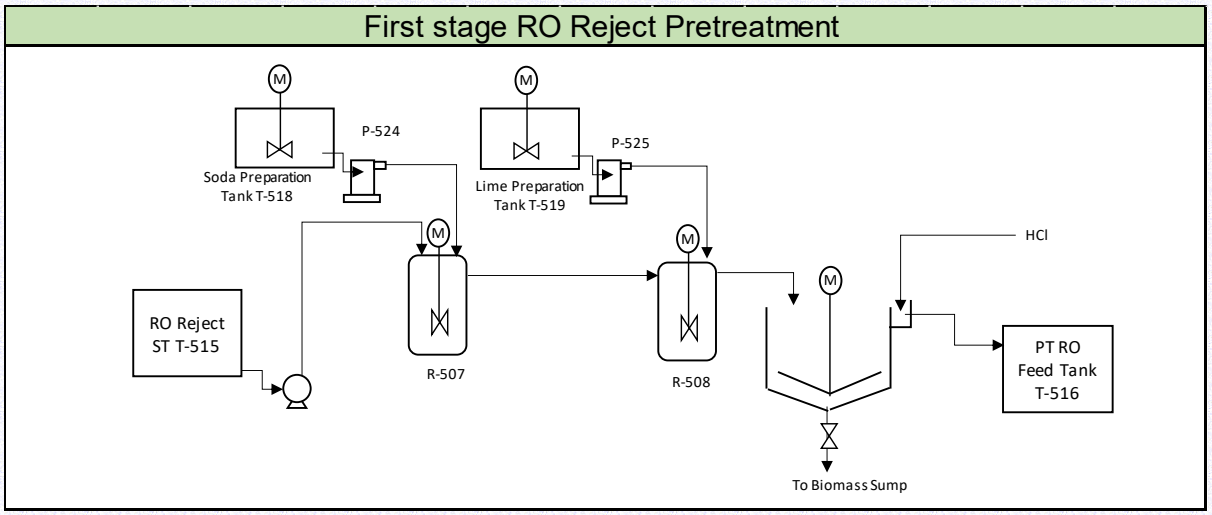
Process diagram of ASP (Activated Sludge Process):



Process diagram of RO (Reverse Osmosis Process):



Process diagram of RO reject pre-treatment:



4. OTHER HAZARDS & CONTROLS

Pls. refer Annexure – 7 on page no. 180

5. TRADE WASTE DISPOSAL

BEIL generates incineration ash from both incinerator plants & Salt from MEE plant and dispose it in landfill site – BEIL.

Wastewater generates from incineration plant, drum washing facility, Plastic Processing plant & laboratory and treat in MEE plant. MEE plant condensate water send to common effluent treatment plant (ETL) for further treatment.

Pls. refer Annexure – 8 on page no. 183

6. RECORD OF PAST INCIDENTS

A fire was taken place at hazardous waste storage shed no. 7. BEIL has taken sufficient steps to stop its reoccurrence. BEIL has provided total 10 nos. of storage sheds with impervious floor with leachate collection system. All the sheds are covered with water sprinkler system. Smoke & heat detectors are provided in all the sheds. Fire hydrant system and portable fire extinguishers are also provided.

Pls. refer Annexure – 9 on page no. 184

7. RISK ASSESSMENT

1. The following maximum credible accident scenarios may occur in a hazardous waste landfill (TSDF).

1. Slop Failure of landfill
2. Water accumulation at landfill due to heavy rain

1. Slop failure of Landfill

Precaution is always better than cure. To mitigate the slope failure during designing and operation of BEIL landfill the Stability analysis criteria are considered and are as follow.

Stability Analysis of Slope:

Fc = c/(yd*HSn)

The Fc shall be more than 1.5.

In each case for BEIL Landfill the Fc is @ 4

Settlement of landfill base on soft soil.

Settlement = (CcH/(1+eo))*log10(Po+ΔP)/Po)

For, ΔP 24.98 the settlement is 216mm and for ΔP 22.90 the settlement is 205mm

Geomembrane Stability: Tensile Stress under self-weight

Design Ratio shall be more than 10

For BEIL it is 11.72

Geomembrane Stability: Tensile Stress under waste down – drag during filling.

Design ratio shall be more than 10

For Landfill for BEIL it is 963.70

Stability of soil over Geomembrane.

A. Sliding of soil over Geomembrane F.O.S. shall be more than 1.5 for landfill of BEIL it is 1.513

B. Tensile Force in Geomembrane: design Ratio shall be more than 2.2 for BEIL landfill it is 2.2

Vehicle or Ramp or Slop:

(Static) F.O.S. is 5.29 (Shall be more than 3)

(Dynamic F.O.S. is 4.93 (shall be more than 3)

Wheel loading

Design Ratio is 5 (shall be more than 3)

M/s. KCT Consultancy Services as per CPCB criteria carried out the stability analysis for Landfill Facility.

The capping activity is also carried out immediate once the waste filling is completed in particular cell.

After completion of capping of landfill site there should not be chances of increase moisture content of filled waste, so there should not be any chances of failure of top slop.

Phase I was competed in all respect with capping in Dec 2008 till date we have not observed any toe failure or slop failure in closed landfill site.

Phase II we have completed cell capping. Phase III has been started for landfilling.

Only present active cells are under operation, so failure of slop is also minimized.

To prevent the failure of slop during the operation we are compacting it with dozer and roller. We are also making temporary bund wall to prevent any sliding of waste during operation.

Following steps to be carried out in case of slope failure:

- Implementation of onsite emergency plan
- Incoming waste to be stopped
- Slop failure may increase exposure risk to personnel and public so necessary PPEs to be provided. Relocation and covering of waste to be performed quickly and safely
- Perform mitigating activity to limit further contamination or damage
- Work to be done round the clock
- Primary report to be prepared and reviewed at regular intervals regarding the activities of waste shifting.

II. Water accumulation in landfill due to heavy rain.

We are keeping four nos of Diesel pump of 40 m^3/hr capacity and 5 Electric pump of 80 m^3/hr capacity to pump out the accumulated water due to heavy rain. In the event of a landfill instability such as a slop failure the first concern is always safety, safety of site personnel, safety of site entrants, and safety of general public. The situation will need to be assessed concisely and necessary emergency procedures and precautions implemented as quickly as possible.

Following steps to be carried out in case of water accumulation in landfill due to heavy rain:

- Implementation of onsite emergency plan
- Start pumps to pump out the water accumulated.
- Check the water quality, if contaminated send for treatment.
- Necessary PPEs like helmet, gum boot, hand gloves, raincoat to be provided. If required, relocation and covering of waste to be performed quickly and safely.
- Perform mitigating activity to limit further contamination or damage.
- Work to be done round the clock.
- Primary report to be prepared and reviewed at regular intervals regarding the activities of waste shifting.

2. The following maximum credible accident scenarios may occur in a hazardous waste Incineration unit

1. **MCA-1 Release of Acetone from Drum storage warehouse**
2. **MCA-2 Release of SO2 during fire in waste storage shed**
3. **MCA-3 Release of HCL vapour during Fire in waste storage shed**
4. **MCA-4 Release of NO2 during fire in waste storage shed**
5. **MCA-5 Jet fire from NG gas line leakage**

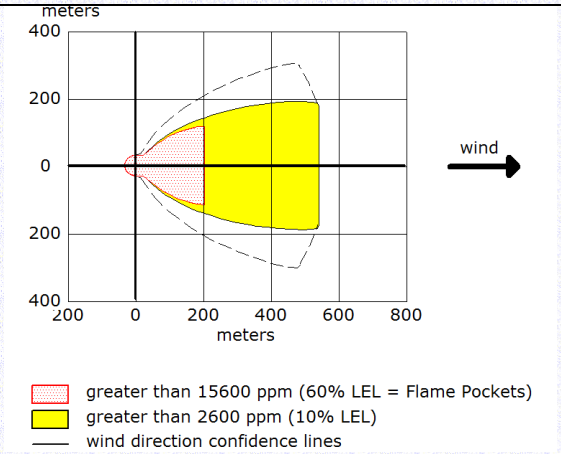
Dispersion Calculations

MCA-1- Release of Acetone from Drum storage warehouse

The properties of Hazardous waste are very difficult to determine the flammable characteristics, so the highly flammable solvents like Acetone is assumed for consequence modeling Storage stock arrangement of hazardous waste stored in HDPE or MS container arranged in three number of rows in each block with adequate separation distance between the blocks and each block contains 100 MT of hazardous waste either solid or semi solid waste. Solvent vapours can get released due to radiation heat from nearby storage block. It can form flammable mixture cloud.

For consequence, modeling the inventory of 100 MT Acetone vapour is considered as most of the industries are using Acetone.

1. ACETONE, 2 m/s-wind velocity and F- Weather class	
SITE DATA: Location: ANKLESHWAR, INDIA Building Air Exchanges Per Hour: 0.54 (unsheltered single storied) Time: April 25, 2017 1051 hours ST (using computer's clock) **CHEMICAL DATA:** Chemical Name: ACETONECAS Number: 67-64-1 Molecular Weight: 58.08 g/mol AEGL-1 (60 min): 200 ppm AEGL-2 (60 min): 3200	**SCENARIO:** Flammable cloud in organic waste drum storage shed.

ppm AEGL-3 (60 min): 5700 ppm LEL: 26000 ppm UEL: 130000 ppm Ambient Boiling Point: 56.3° C Vapor Pressure at Ambient Temperature: 0.41 atm Ambient Saturation Concentration: 406,612 ppm or 40.7% **ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)** Wind: 2 meters/second from SW at 3 meters Ground Roughness: open country Cloud Cover: 5 tenths Air Temperature: 32° C Stability Class: F (user override) No Inversion Height Relative Humidity: 50% **SOURCE STRENGTH:** Direct Source: 100000 kilograms/hr Source Height: 3 feet Release Duration: 30 minutes Release Rate: 1,670 kilograms/min Total Amount Released: 50,000 kilograms	 **THREAT ZONE:** Threat Modeled: Flammable Area of Vapor Cloud Model Run: Heavy Gas Red : 203 meters --- (15600 ppm = 60% LEL = Flame Pockets) Yellow: 540 meters --- (2600 ppm = 10% LEL)

1. ACETONE, 3 m/s - wind velocity, D- Weather class	
SITE DATA: Location: ANKLESHWAR, INDIA Building Air Exchanges Per Hour: 0.72 (unsheltered single storied) Time: April 25, 2017 1056 hours ST (using computer's clock) **CHEMICAL DATA:**	**SCENARIO:** Flammable cloud in organic waste drum storage shed.

Chemical Name: ACETONE

CAS Number: 67-64-1 Molecular Weight: 58.08 g/mol

AEGL-1 (60 min): 200 ppm AEGL-2 (60 min): 3200 ppm AEGL-3 (60 min): 5700 ppm

LEL: 26000 ppm UEL: 130000 ppm

Ambient Boiling Point: 56.3° C

Vapor Pressure at Ambient Temperature: 0.41 atm

Ambient Saturation Concentration: 406,612 ppm or 40.7%

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)

Wind: 3 meters/second from SW at 3 meters

Ground Roughness: open country Cloud Cover: 5 tenths

Air Temperature: 32° C

Stability Class: D (user override)

No Inversion Height

Relative Humidity: 50%

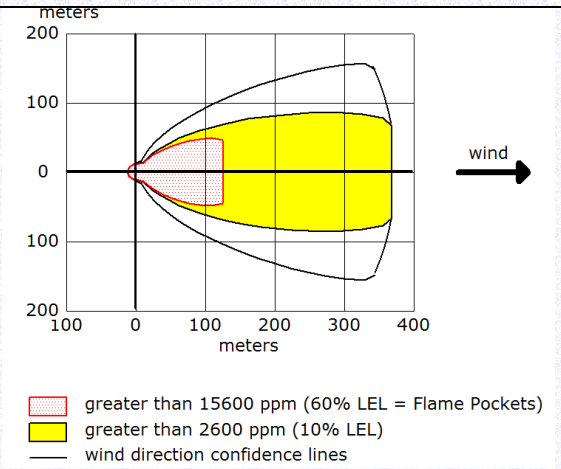
SOURCE STRENGTH:

Direct Source: 100000 kilograms/hr Source Height: 3 feet

Release Duration: 30 minutes

Release Rate: 1,670 kilograms/min

Total Amount Released: 50,000 kilograms



THREAT ZONE:

Threat Modeled: Flammable Area of Vapor Cloud

Model Run: Heavy Gas

Red : 126 meters --- (15600 ppm = 60% LEL = Flame Pockets)

Yellow: 369 meters --- (2600 ppm = 10% LEL)

MCA-2 - Release of SO2 during fire in waste storage shed

The properties of Hazardous waste are very difficult to determine the toxic characteristics so assuming the toxic vapors like SO2, HCL and NO2 are considered for consequence modeling

Storage stock arrangement of hazardous waste stored in HDPE or MS container arranged three number of stages in each block with adequate separation distance between the blocks and each block contains 300 MT of hazardous waste either solid or semi solid waste. For consequence modeling, the inventory of 1 MT SO2 toxic gas or vapor plume is considered.

2. Sulphur Dioxide, 2 m/s-wind velocity and F- Weather class - 1MT

SITE DATA:

Location: ANKLESHWAR, INDIA

Building Air Exchanges Per Hour: 0.54 (unsheltered single storied)

Time: April 25, 2017 1134 hours ST (using computer's clock)

CHEMICAL DATA:

Chemical Name: SULFUR DIOXIDE

CAS Number: 7446-9-5

Molecular Weight: 64.06 g/mol

AEGL-1 (60 min): 0.2 ppm AEGL-2 (60 min): 0.75 ppm AEGL-3 (60 min): 30 ppm

IDLH: 100 ppm

Ambient Boiling Point: -10.0° C

Vapor Pressure at Ambient Temperature: greater than 1 atm

Ambient Saturation Concentration: 1,000,000 ppm or 100.0%

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)

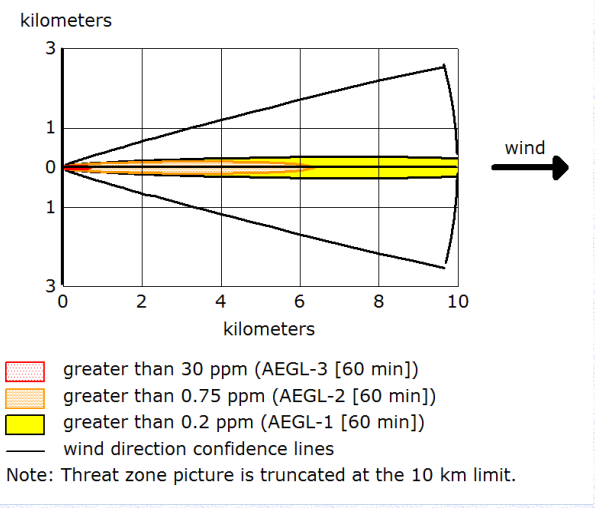
Wind: 2 meters/second from SW at 3 meters

Ground Roughness: open country Cloud Cover: 5 tenths

Air Temperature: 32° C

Scenario :

Toxic vapor release during the fire incident in300MT organic waste storage shed. Approximately 1 MT SO2 is considered.



THREAT ZONE:

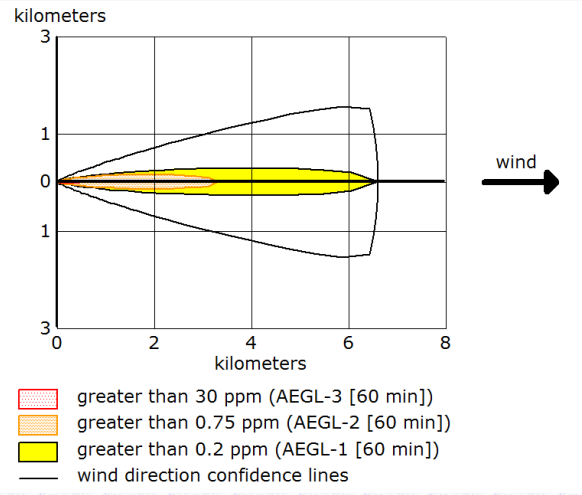
Model Run: Heavy Gas

Red : 729 meters --- (30 ppm = AEGL-3 [60 min])

Orange: 6.4 kilometers --- (0.75 ppm = AEGL-2 [60 min])

Yellow: greater than 10 kilometers --- (0.2 ppm = AEGL-1 [60 min])

Stability Class: F (user override) No Inversion Height Relative Humidity: 50% **SOURCE STRENGTH:** Direct Source: 1000 kilograms/hr Source Height: 3 meters Release Duration: 30 minutes Release Rate: 16.7 kilograms/min Total Amount Released: 500 kilograms Note: This chemical may flash boil and/or result in two phase flow.	

2.Sulphur Dioxide, 3 m/s - wind velocity, D- Weather class - 1MT	
SITE DATA: Location: ANKLESHWAR, INDIA Building Air Exchanges Per Hour: 0.72 (unsheltered single storied) Time: April 25, 2017 1056 hours ST (using computer's clock) **CHEMICAL DATA**: Chemical Name: SULFUR DIOXIDE CAS Number: 7446-9-5 Molecular Weight: 64.06 g/mol AEGL-1 (60 min): 0.2 ppm AEGL-2 (60 min): 0.75 ppm AEGL-3 (60 min): 30 ppm IDLH: 100 ppm Ambient Boiling Point: -10.0° C Vapor Pressure at Ambient Temperature: greater than 1 atm Ambient Saturation Concentration: 1,000,000 ppm or 100.0% **ATMOSPHERIC DATA: (MANUAL INPUT OF**	**Scenario :** Toxic vapor release during the fire incident in300MT organic waste storage shed. Approximately 1 MT SO2 is considered.  **THREAT ZONE:** Model Run: Heavy Gas Red : 473 meters --- (30 ppm = AEGL-3 [60

DATA) Wind: 3 meters/second from SW at 3 meters Ground Roughness: open country Cloud Cover: 5 tenths Air Temperature: 32° C Stability Class: D (user override) No Inversion Height Relative Humidity: 50% **SOURCE STRENGTH:** Direct Source: 1000 kilograms/hr Source Height: 3 meters Release Duration: 30 minutes Release Rate: 16.7 kilograms/min Total Amount Released: 500 kilograms Note: This chemical may flash boil and/or result in two phase flow.	min]) Orange: 3.3 kilometers --- (0.75 ppm = AEGL-2 [60 min]) Yellow: 6.6 kilometers --- (0.2 ppm = AEGL-1 [60 min])

MCA-3 Release of HCL vapour during Fire in waste storage shed

3. HYDROGEN CHLORIDE, 2 m/s-wind velocity and F- Weather class - 1MT

SITE DATA:

Location: ANKLESHWAR, INDIA

Building Air Exchanges Per Hour: 0.54 (unsheltered single storied)

Time: April 25, 2017 1143 hours ST (using computer's clock)

CHEMICAL DATA:

Warning: HYDROGEN CHLORIDE can react with water and/or water vapor. This can affect the evaporation rate and downwind dispersion. ALOHA cannot accurately predict the air hazard if this substance comes in contact with water.

Chemical Name: HYDROGEN CHLORIDE

CAS Number: 7647-1-0 Molecular Weight: 36.46 g/mol

AEGL-1 (60 min): 1.8 ppm AEGL-2 (60 min): 22 ppm AEGL-3 (60 min): 100 ppm

IDLH: 50 ppm

Ambient Boiling Point: -85.0° C

Vapor Pressure at Ambient Temperature: greater than 1 atm

Ambient Saturation Concentration: 1,000,000 ppm or 100.0%

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)

Wind: 2 meters/second from SW at 3 meters

Ground Roughness: open country Cloud Cover: 5 tenths

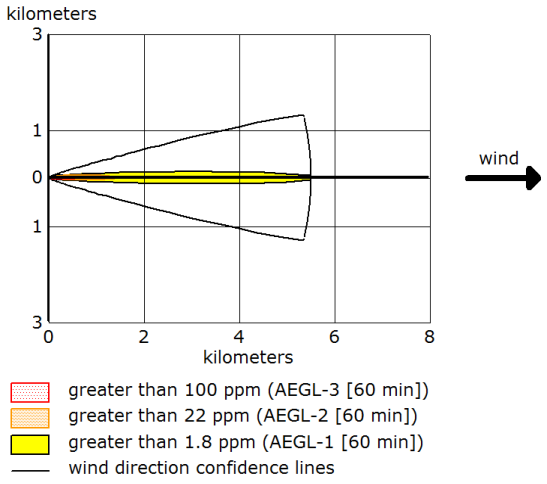
Air Temperature: 32° C

Stability Class: F (user override)

No Inversion Height

Scenario :

Toxic vapor release during the fire incident in300MT organic waste storage shed. Approximately 1 MT HCL is considered



THREAT ZONE:

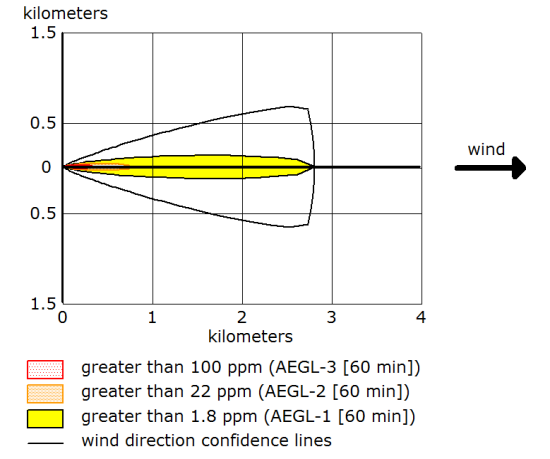
Model Run: Heavy Gas

Red : 577 meters --- (100 ppm = AEGL-3 [60 min])

Orange: 1.4 kilometers --- (22 ppm = AEGL-2 [60 min])

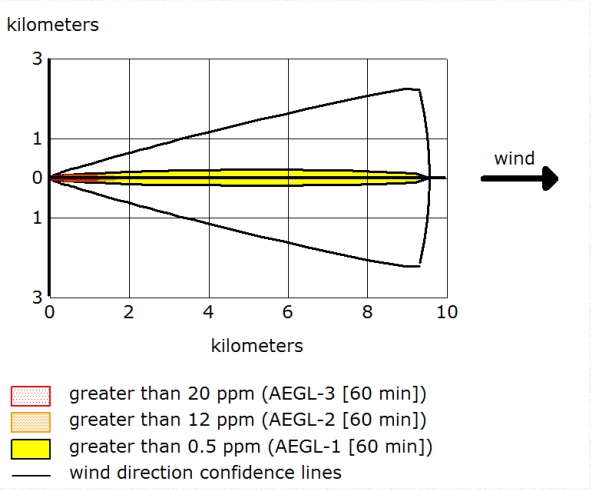
Yellow: 5.5 kilometers --- (1.8 ppm = AEGL-1 [60 min])

Relative Humidity: 50% **SOURCE STRENGTH:** Direct Source: 1000 kilograms/hr Source Height: 3 meters Release Duration: 30 minutes Release Rate: 16.7 kilograms/min Total Amount Released: 500 kilograms Note: This chemical may flash boil and/or result in two phase flow.	

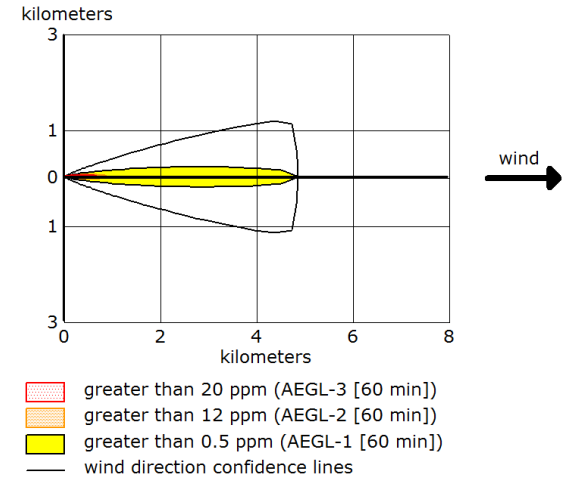
3. HYDROGEN CHLORIDE - 3 m/s - wind velocity, D- Weather class - 1MT	
SITE DATA: Location: ANKLESHWAR, INDIA Building Air Exchanges Per Hour: 0.72 (unsheltered single storied) Time: April 25, 2017 1145 hours ST (using computer's clock) **CHEMICAL DATA:** Warning: HYDROGEN CHLORIDE can react with water and/or water vapor. This can affect the evaporation rate and downwind dispersion. ALOHA cannot accurately predict the air hazard if this substance comes in contact with water. Chemical Name: HYDROGEN CHLORIDE CAS Number: 7647-1-0 Molecular Weight: 36.46 g/mol AEGL-1 (60 min): 1.8 ppm AEGL-2 (60 min): 22 ppm AEGL-3 (60 min): 100 ppm IDLH: 50 ppm Ambient Boiling Point: -85.0° C Vapor Pressure at Ambient Temperature: greater than 1 atm Ambient Saturation Concentration: 1,000,000	**Scenario :** Toxic vapor release during the fire incident in300MT organic waste storage shed. Approximately 1 MT SO2 is considered.  **THREAT ZONE:** Model Run: Heavy Gas Red : 340 meters --- (100 ppm = AEGL-3 [60 min])

ppm or 100.0% **ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)** Wind: 3 meters/second from SW at 3 meters Ground Roughness: open country Cloud Cover: 5 tenths Air Temperature: 32° C Stability Class: D (user override) No Inversion Height Relative Humidity: 50% **SOURCE STRENGTH:** Direct Source: 1000 kilograms/hr Source Height: 3 meters Release Duration: 30 minutes Release Rate: 16.7 kilograms/min Total Amount Released: 500 kilograms Note: This chemical may flash boil and/or result in two phase flow.	Orange: 757 meters --- (22 ppm = AEGL-2 [60 min]) Yellow: 2.8 kilometers --- (1.8 ppm = AEGL-1 [60 min])

MCA-4 Release of NO2 during fire in waste storage shed

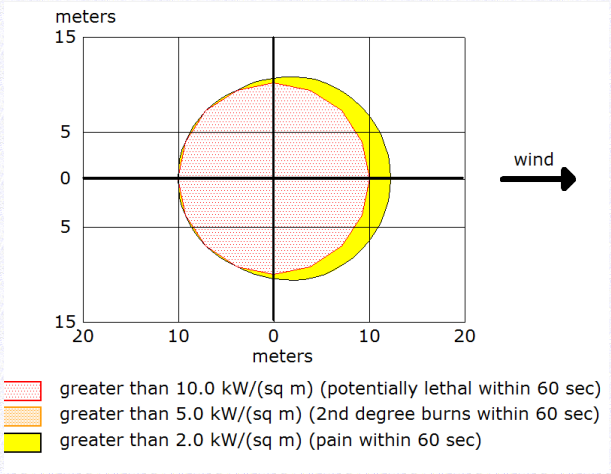
4. NITROGEN DIOXIDE, 2 m/s-wind velocity and F- Weather class - 1MT	
SITE DATA: Location: ANKLESHWAR, INDIA Building Air Exchanges Per Hour: 0.54 (unsheltered single storied) Time: April 25, 2017 1134 hours ST (using computer's clock) **CHEMICAL DATA:** Chemical Name: NITROGEN DIOXIDE CAS Number: 10102-44-0 Molecular Weight: 46.01 g/mol AEGL-1 (60 min): 0.5 ppm AEGL-2 (60 min): 12 ppm AEGL-3 (60 min): 20 ppm IDLH: 20 ppm Ambient Boiling Point: 21.0° C Vapor Pressure at Ambient Temperature: greater than 1 atm Ambient Saturation Concentration: 1,000,000 ppm or 100.0% **ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)** Wind: 2 meters/second from SW at 3 meters Ground Roughness: open country Cloud Cover: 5 tenths Air Temperature: 32° C Stability Class: F (user override) No Inversion Height Relative Humidity: 50% **SOURCE STRENGTH:** Direct Source: 1000 kilograms/hr Source	**Scenario :** Toxic vapor release during the fire incident in300MT organic waste storage shed. Approximately 1 MT NO2 is considered.  **THREAT ZONE**: Model Run: Heavy Gas Red : 1.3 kilometers --- (20 ppm = AEGL-3 [60 min]) Orange: 1.7 kilometers --- (12 ppm = AEGL-2 [60 min]) Yellow: 9.6 kilometers --- (0.5 ppm = AEGL-1 [60 min])

Height: 3 meters Release Duration: 30 minutes Release Rate: 16.7 kilograms/min Total Amount Released: 500 kilograms Note: This chemical may flash boil and/or result in two phase flow.	

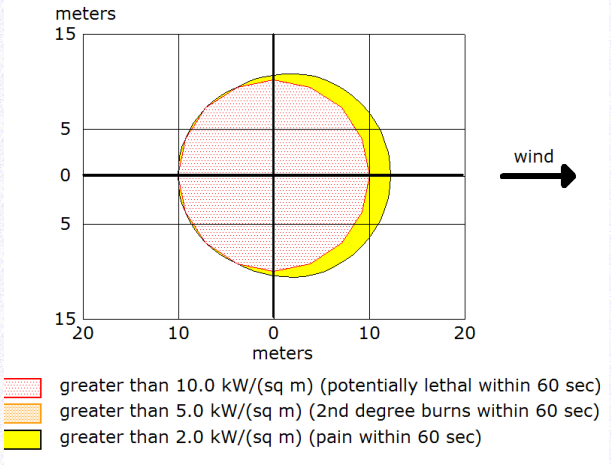
4.NITROGEN DIOXIDE, 3 m/s - wind velocity, D- Weather class - 1MT	
SITE DATA: Location: ANKLESHWAR, INDIA Building Air Exchanges Per Hour: 0.72 (unsheltered single storied) Time: April 25, 2017 1138 hours ST (using computer's clock) **CHEMICAL DATA:** Chemical Name: NITROGEN DIOXIDE CAS Number: 10102-44-0 Molecular Weight: 46.01 g/mol AEGL-1 (60 min): 0.5 ppm AEGL-2 (60 min): 12 ppm AEGL-3 (60 min): 20 ppm IDLH: 20 ppm Ambient Boiling Point: 21.0° C Vapor Pressure at Ambient Temperature: greater than 1 atm Ambient Saturation Concentration: 1,000,000 ppm or 100.0% **ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)** Wind: 3 meters/second from SW at 3 meters Ground Roughness: open country Cloud Cover: 5 tenths Air Temperature: 32° C Stability Class: D (user override) No Inversion Height Relative	**Scenario :** Toxic vapor release during the fire incident in1 MT organic waste drum storage shed.  **THREAT ZONE:** Model Run: Heavy Gas Red : 702 meters --- (20 ppm = AEGL-3 [60 min]) Orange: 920 meters --- (12 ppm = AEGL-2 [60 min]) Yellow: 4.9 kilometers --- (0.5 ppm = AEGL-1 [60 min])

Humidity: 50% **SOURCE STRENGTH:** Direct Source: 1000 kilograms/hr Source Height: 3 meters Release Duration: 30 minutes Release Rate: 16.7 kilograms/min Total Amount Released: 500 kilograms Note: This chemical may flash boil and/or result in two phase flow.	

MCA-5 Jet fire from NG gas line leakage

5. NG Gas, 2 m/s-wind velocity and F- Weather class	
SITE DATA: Location: ANKLESHWAR, INDIA Building Air Exchanges Per Hour: 0.54 (unsheltered single storied) Time: May 8, 2017 1205 hours ST (using computer's clock) **CHEMICAL DATA:** Chemical Name: METHANE CAS Number: 74-82-8 Molecular Weight: 16.04 g/mol PAC-1: 65000 ppm PAC-2: 230000 ppm PAC-3: 400000 ppm LEL: 50000 ppm UEL: 150000 ppm Ambient Boiling Point: -161.5° C Vapor Pressure at Ambient Temperature: greater than 1 atm Ambient Saturation Concentration: 1,000,000 ppm or 100.0% **ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)** Wind: 2 meters/second from SW at 3 meters Ground Roughness: open country Cloud Cover: 5 tenths Air Temperature: 32° C Stability Class: F (user override) No Inversion Height Relative Humidity: 50% SOURCE STRENGTH:	**Scenario:** Jet fire from NG gas line leakage, 3 inch pipe size  **THREAT ZONE:** Threat Modeled: Thermal radiation from jet fire Red : 10 meters --- (10.0 kW/(sq m) = potentially lethal within 60 sec) Orange: 10 meters --- (5.0 kW/(sq m) = 2nd degree burns within 60 sec) Yellow: 12 meters --- (2.0 kW/(sq m) = pain within 60 sec)

Flammable gas is burning as it escapes from pipe Pipe Diameter: 3 inches Pipe Length: 200 meters Unbroken end of the pipe is connected to an infinite source Pipe Roughness: smooth Hole Area: 7.07 sq in Pipe Press: 2 atmospheres Pipe Temperature: 32° C Max Flame Length: 6 meters Burn Duration: ALOHA limited the duration to 1 hour Max Burn Rate: 46.5 kilograms/min Total Amount Burned: 964 kilograms	

5.NG Gas, 3 m/s - wind velocity, D- Weather class	
SITE DATA: Location: ANKLESHWAR, INDIA Building Air Exchanges Per Hour: 0.72 (unsheltered single storied) Time: May 8, 2017 1206 hours ST (using computer's clock) **CHEMICAL DATA:** Chemical Name: METHANE CAS Number: 74-82-8 Molecular Weight: 16.04 g/mol PAC-1: 65000 ppm PAC-2: 230000 ppm PAC-3: 400000 ppm LEL: 50000 ppm UEL: 150000 ppm Ambient Boiling Point: -161.5° C Vapor Pressure at Ambient Temperature: greater than 1 atm. Ambient Saturation Concentration: 1,000,000	**Scenario:** Jet fire from NG gas line leakage, 3 inch pipe size  **THREAT ZONE:** Threat Modeled: Thermal radiation from jet fire Red : 10 meters --- (10.0 kW/(sq m) = potentially lethal within 60 sec) Orange: 10 meters --- (5.0 kW/(sq m) = 2nd

ppm or 100.0% **ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)** Wind: 3 meters/second from SW at 3 meters Ground Roughness: open country Cloud Cover: 5 tenths Air Temperature: 32° C Stability Class: D (user override) No Inversion Height Relative Humidity: 50% **SOURCE STRENGTH:** Flammable gas is burning as it escapes from pipe Pipe Diameter: 3 inches Pipe Length: 200 meters Unbroken end of the pipe is connected to an infinite source Pipe Roughness: smooth Hole Area: 7.07 sq in Pipe Press: 2 atmospheres Pipe Temperature: 32° C Max Flame Length: 6 meters Burn Duration: ALOHA limited the duration to 1 hour Max Burn Rate: 46.5 kilograms/min Total Amount Burned: 964 kilograms	degree burns within 60 sec) Yellow: 12 meters --- (2.0 kW/(sq m) = pain within 60 sec)

Pls. refer Annexure – 10 & 11 on page no. 110 & 111 respectively.

8. ENVIRONMENTAL IMPACT ASSESSMENT

The project data/activities has been analyzed & linked with the existing baseline environmental conditions in order to list out the affected environmental parameters and assess the likely impacts on such parameters. Pls. refer Annexure – 12 & 13 on page no. & 112 & 113 respectively.

CHAPTER-III

EMERGENCY ORGANISATION

This chapter is device to suggest the organization for emergency preparedness. No plan will succeed without emergency organization. Key personnel to combat emergency are nominated with specific responsibilities according to the set procedures (rehearsed) and making the best use of resources available and to avoid confusion). Such key personnel include incident controller, Site main controller, other key personnel and essential workers. Assembly points for non-essential workers, emergency control centre, ambulance van, fire and toxicity control arrangements, medical arrangements, transport and evacuation arrangements, pollution control arrangements, other arrangements and persons to manage them are also an important part of the emergency organization.

1. INCIDENT CONTROLLER:

His primary duty is to take charge at the scene of the incident. In the initial stages he may be require to take decisions involving the operation of the other plants or to stop or to continue any process and to take technical decision to control the incident. Therefore, he should be fully knowledgeable for these purposes. He might be the shift or plant manager. Appoint such person for each shift including holidays. Any one incident controller must be available at any time. Their duties are fixed that way. The deputy is appointed to take charge of Incident Controller, if he is not available due to some any reason. He is also equally competent.

Responsibilities / Duties of Incident Controller

1. Assess the scale of the emergency and decide if a major emergency (for identification see page 7) exists or is likely. On his decision, he will activate the on-site emergency plan and if necessary, the off-site emergency plan (see page 7).
2. Assume the duties of the Site Main Controller pending the latter's arrival (for SMC's duties see page-56). For this purpose, he will depute his deputy on the scene, and he will go to the control center. Particularly he will-
   a. Direct the shutting down and evacuation of the plant and areas likely to be affected by the emergency.
   b. Ensure that the outside emergency services, including mutual aid, have been called in.

c. Ensure that key personnel have been called in.

3. Direct all operations within the affected area with the following priorities:

   a. Secure the safety of the personnel.

   b. Minimize damage to plant, property and the environment.

   c. Minimize loss of material.

4. Direct rescue and fire-fighting operations until the arrival of the outside Fire Brigade, when he will relinquish control to the Fire Brigade.

5. Search for casualties.

6. Evacuate non-essential workers to the assembly points.

7. Set up a communications point and establish radio/telephone/messenger contact as appropriate with the Emergency Control Centre.

8. Give advice and information as requested to the Head of the Fire Brigade and other Emergency Services.

9. Brief the site main controller and keep informed of developments.

10. Preserve evidence that will be necessary for subsequent inquiry in to the cause of the emergency and concluding preventive measures.

Pls. refer Annexure – 14 on page no. 191

Deputy Incident controller is appointed to deal with the emergency in absence of Incident Controller.

Pls. refer Annexure – 15 on page no. 192

2. SITE MAIN CONTROLLER:

He has overall responsibility for directing operations and calling outside help from emergency control center. He is required to take decisions by collaboration between the senior managers at the site (works) and the senior officers of the outside services.

Responsibilities / Duties of Incident Controller

Immediately being aware of the emergency, he will go to the emergency control center. On arrival, he will –

1. Relieve the incident controller of responsibility for overall main control.

2. On consultation with the incident controller decide whether major emergency exist and on declaration of a major emergency, ensure that the outside emergency services and mutual help are called, the off-site plan (page 7) activated and if necessary, nearby factories and population are informed.

3. Ensure that the key personnel are called in.
4. Exercise direct operational control of those parts of the works outside the affected area.
5. Continually review and assess possible developments to determine the most probable course of events.
6. Direct the safe close down and evacuation of plants in consultation with the incident controller and key personnel. If necessary, arrange for evacuation of neighboring population.
7. Ensure that casualties are receiving adequate attention. Arrange for hospitalization of victims and additional help, if required. Ensure that the relatives are advised.
8. Inform and communicate with the chief officers of the fire and police service. District emergency authority and with the factory inspectorate and experts on health and safety. Provide advice on possible effects on areas outside the factory.
9. In case of prolonged emergencies involving risk to outside areas by wind-blown materials. Contact the local meteorological office to receive early notification of impending changes in weather conditions.
10. Ensure the accounting for personnel and rescue of missing persons.
11. Control traffic movement within the factory.
12. Arrange for a chronological record of the emergency to be maintained.
13. Where the emergency is prolonged, arrange for the relief of personnel and the provision of catering facilities.
14. Issue authorized statements to the news media. Where necessary, inform head office.
15. Ensure that proper consideration is given to the preservation of evidence. Arrange for photographs/videos.
16. Control rehabilitation of affected areas and victims on cessation of the emergency. Do not restart the plant unless it is ensured safe to start and cleared by authorities.

Pls. refer Annexure – 16 on page no. 193

3. OTHER KEY PERSONNEL:

Other key personnel are required to provide advice to and implement the decisions made by the site main controller in the light of information received on the developing situation at the emergency.

Such key personnel include the senior managers responsible for safety, security, fire, gas, and spill control, pollution control, communication system including telephone, wireless, messenger etc. medical services, transport, engineering, production, technical

services (including utilities, laboratories), stores and personnel (including welfare, canteen, etc.).

As necessary, they will decide the actions needed to shut down plants, evacuate personnel, carry out emergency engineering work, arrange for supplies of equipment, utilities (fuel, water, power, etc.) carry out atmospheric tests, provide catering facilities, liaise with police, fire brigade, emergency planning authority, factory inspectorate, hospitals, neighboring industries find population, assembly points, outside shelters, mutual aid centers, relatives of casualties, press and so on, under the direction of the site main controller.

At the declaration of a major emergency, all key personnel and others called in to assist shall report to the emergency control center. They shall be available at any time on duty or on call on off-duty or holiday.

Pls. refer Annexure – 17 on page no. 194

4. ESSENTIAL WORKERS:

A taskforce of essential trained workers (expert's teams) must be available to get the work done by the incident controller and the site main controller, such work will include:

1. Firefighting, gas leak and spill control till a fire brigade takes the charge.
2. To help to the fire brigade and mutual aid teams, if it is so required.
3. Shutting down plant and making it safe.
4. Emergency engineering work e.g. isolating equipment, materials, process, providing temporary by-pass lines, safe transfer of material, urgent repairing or replacement, electrical work etc.
5. Provision of emergency power, water, lighting, instruments, equipments, material etc.
6. Movement of equipment, special vehicle and transport to or from the site of the incident.
7. Search evacuation, rescue, and welfare.
8. First-aid and medical help.
9. Moving tankers or other vehicles from areas of risk.
10. Carrying out atmospheric test and pollution control.
11. Managing of assembly points to record the arrival of evacuated personnel. Managing for outside shelters and welfare of evacuated persons there.
12. Assistance at casualties' reception areas to record details of casualties.

13. Assistance at communication centers to handle outgoing and incoming calls and to act as messengers if necessary.
14. Manning of works entrances in liaison with the police to direct emergency vehicles entering the work, to control traffic leaving the works and to turn away or make alternative safe arrangements for visitors, contractors and other traffic arriving at the works.
15. Informing surrounding factories and the public as directed by the site main controller.
16. Any special help required.

Pls. refer Annexure – 18 on page no. 195

5. ASSEMBLY POINTS:

In affected and vulnerable plants, all non-essential workers (who are not assigned any emergency duty) shall evacuate the area and report to a specified assembly point. The need to evacuate non-essential workers from non-affected area will be determined by the size of works and the foreseeable rate at which the incident may escalate.

Each assembly point is clearly marked by a conspicuous notice and provided with an identification number e.g. ASSEMBLY POINT NO.1 mark such points permanently for the notice of people.

Total three assembly points are provided:

(1) To ensure that employees do not have to approach the affected area to reach the point

(2) In case any assembly point lies in the path of windblown harmful materials e.g. toxic gas, burning brands, thrown (exploded) materials, etc. in case the factory is big having more plants and wide area.

Each assembly point is managed by a nominated person(s) to record the names and departments of those reporting there. He has a means of communication with the site main controller in case it is necessary to establish the whereabouts of people and to receive further instructions concerning the deployment of the evacuated personnel.

Before reaching an assembly point or subsequently, if it is required to pass through an affected area or the release of toxic substance, suitable personal protective equipments (PPE) including respirator, helmets, etc. should be available to the people.

Pls. refer Annexure – 19 on page no. 197

6. EMERGENCY CONTROL CENTRE:

The emergency control center (or room) is the place from which the operations to handle the emergency are directed and coordinated. It will be attended by the site main controller, key personnel and senior officers of the fire, police, factory inspectorate, district authorities and emergency services. The center is equipped to receive and transmit information and directions from and to the incident controller and areas of the works as well as outside. It also has equipment for logging the development of the incident to assist the controllers to determine any necessary action.

In addition to the means of communication, the center is equipped with relevant data and equipment which will assist those manning the center to be conversant with the developing situation and enable them to plan accordingly.

It is sited in an area of minimum risk and close to a road to allow for ready access by a radio-equipped vehicle for use if other systems fail or extra communication facilities are needed.

The center therefore contains:

1. An adequate number of external telephones.
2. An adequate number of internal telephones.
3. Mobile phones and walkie-talkie.
4. Plans of the factory.
5. Additional plans which may be marked up during the emergency to show:

    a) Areas affected or endangered within the factory.

    b) Surrounding areas, population and other environment likely to be affected due to toxic release, wind speed recorders and ready computer models (risk counters) based on prevailing wind direction, velocity, weather conditions and other parameters, will be much useful for quick judgment and evacuation of those areas.

    c) Areas where particular problems arise.

    d) Area evacuated and safe routes for escape.

    e) Deployment of emergency vehicles and personnel.

    f) Other relevant information.

6. Nominal roll of employees, work permits, gate entries and documents for head count or access to this information. Employee’s blood group information and addresses will also be useful.

7. Note pads, pens, pencils, rubber and stationery to record all messages received and sent by whatsoever means.

8. Note copies of this on-site emergency plan i.e. updated full text including all annexure. From this, some vehicles and messengers (runners) should be kept ready at the center.

9. A tape-recorder and video to record the incident and evidences of the cause and effect and actions to control the emergency.

10. Torches, umbrella, rain coats and some extra sets of gas detectors, explosive meters and personal protective equipments.

Pls. refer Annexure – 20 on page no. 198

7. FIRE AND TOXIC CONTROL ARRANGEMENTS:

BEIL has its own TAC approved wet fire hydrant system:

1. Total 138 numbers of Fire Extinguishers are available in plant, utility, QC, tank farm and storage area to handle any class of Fire. The portable fire extinguishers provided in the all area are mainly of ABC/ Dry Chemical, Carbon Dioxide & M. Foam type. The Electrical installations are provided with Carbon dioxide type of fire extinguishers. Apart from above, trolley mounted Carbon Dioxide & M. Foam type fire extinguisher is located near Electrical Control Panel & storage area.
2. Wet fire hydrant system has been provided in the factory area with jockey pump and main fire pumps, which come on line automatically when there is a pressure drop in the fire hydrant system. The main Hydrant Pump connected to the Fire Hydrant System is electrical driven. The standby can be Diesel Engine Driven Pump or Electrical Motor driven connecting to alternate source of energy from DG in case of failure of main electrical supply.

a) Fire Fighting Water Storage Details

Sr. No.	Description	Capacity
1	Raw water storage	250 KL
2	Fire water storage	1000 KL
	Total Water Storage	1250 KL

b) Old Jockey Pump

Capacity : 03 M3/Hr. at 70-M head

RPM : 2900

Motor HP : 10

c) New Jockey Pump

Capacity : 03 M3/Hr. at 70-M head

RPM : 2930

Motor HP : 12.5

d) Diesel Driven Pump

Capacity : 273 M3/hr. at 70-M head

RPM : 1880

Motor HP : 133

e) Electrical Power-Driven Pump

Capacity : 273 M3/Hr. at 70-M head

RPM : 2970

Motor HP : 120

f) Electrical Power-Driven Pump

Capacity : 173 M3/Hr. at 70-M head

RPM : 2935

Motor HP : 60

g) Fire Hydrant Point Details

Sr. No.	Description	Quantity
1	Single hydrant	50 Nos.
2	Water+Foam monitor	18 Nos.
3	Hose pipe	61 Nos.

4	Hose box	48 Nos.

h) Sand Buckets

Sr. No.	Description	Quantity
1	DG room	03 Nos.
2	HT yard	03 Nos.
3	Shed no-01	05 Nos.
4	Shed No. 2	05 Nos.
5	Shed No. 3	05 Nos.
6	Shed No. 4	05 Nos.
7	Shed No. 5	10 Nos.
8	Shed No. 6	10 Nos.
9	Shed No. 7	08 Nos.
10	ZLD Plant	05 Nos
11	Lab	02 Nos
	Total	61 Nos.

i) External Fire Fighting Service

For additional help in firefighting, the fire brigade can be called from DPMC Ankleshwar, Panoli, ONGC & Bharuch Nagarpalika. The response time to get external help from above fire station and the distances are as below:

Sr. No.	Fire Brigade Station	Distance	Response Time
1	DPMC Ankleshwar	3 KM	5 Min.
2	ONGC, Ankleshwar	6 KM	8 Min.
3	Nagarpalika,Ankleshwar	7 KM	10 Min.
4	Fire Station, Panoli	10 KM	15 Min.
5	Nagarpalika,Bharuch	12 KM	30 Min.
6	GNFC Bharuch	15 KM	35 Min.

Emergency Handling Arrangement

1. Emergency Control Center : 01 Nos. (Main Gate)

It is sited in Office Building, which is readily accessible & with minimum risks equipped with telephone facilities and announcements if extra communications facility needed. It has enough meant to receive and transmit information and directions from Emergency Controller to incident controller and other areas.

In emergency control center due to its safer location and advantage of easier accessibility, all necessary personnel protective equipment, and firefighting extinguishers are stocked in sufficient quantity.

2. SCBA : 07 Nos.

- Warehouse Office : 01 Nos.
- Safety Office : 01 Nos
- Charging Area : 01 Nos.
- Incinerator Plant Control Room : 01 Nos.
- MEE Plant : 01 Nos.
- Co – processing (New shade) : 01 Nos.
- Stabilization : 01 Nos.

3. Assembly Points : 03 Points
4. Siren : 02 Nos. (Plant-1 + Adm. Building)
5. Wind Indicator : 05 Nos. (Plant-1 + Adm. Bldg. + +Lab building+ Plant-2+ Inci control room)

2. Other PPE's available at ECC.

Sr no.	Name of PPE	Qty.	Sr no.	Name of PPE	Qty.
1	Safety Helmet	06 Nos.	5	Face Shield	03 Nos.
2	Disposable Hand Gloves	02 Pkts.	6	PVC Apron	02 Nos.
3	PVC Hand Gloves	06 Pkts.	7	Safety Belt	02 Nos.
4	Safety Goggles	06 Nos.	8	Air Bubble Hood	02 Nos.

Pls. refer Annexure – 21 on page no 199

8. MEDICAL ARRANGEMENTS:

Occupational health center is available for medical treatment of the workers in normal working and also at the time of emergency. It is fully equipped with necessary instruments, arrangements, medicines including antidotes, and staff. It has sufficient space, capacity and sited in a safe place (avoiding normal downwind direction). There are sufficient first aid boxes and first aiders properly trained. The staff is available round the clock.

An emergency vehicle is available for the purpose of transportation of serious cases of accidents or sickness.

First Aiders

1. First Aid trained staff available round the clock in each plant. The First Aiders are arranged/selected such that in each shift, minimum one first aider is available in all plant.
2. External Faculty gives First Aid Training to all First Aiders.

First Aid Box

First-aid boxes with emergency medicines are available at following locations:

- ✓ Electrical panel room
- ✓ Material gate
- ✓ Safety office
- ✓ Safety office (mobile)
- ✓ Instrument office
- ✓ Plant-2 control room.
- ✓ QC Laboratory
- ✓ Security office
- ✓ MEE plant
- ✓ Plastic Processing Plant
- ✓ Stabilization Plant
- ✓ Maintenance room
- ✓ Ambulance Van
- ✓ OHC (Mobile first aid box)
- ✓ Warehouse Office
- ✓ Admin Building
- ✓ Charging Area

- ✓ Purchase Department
- ✓ ZLD plant
- ✓ E-waste Shed

Routine checking of First Aid Box by HSE department.

Emergency Vehicle

Ambulance is available round the clock in factory premises to carry injured person into nearby hospital.

Hospital

Orange Multispeciality Hospital, Shri. Jayaben Modi hospital, GIDC Ankleshwar & Municipal Hospital, Bharuch Hospital has all the facilities for treatment of serious cases and is well equipped with following. The hospitals are 5 km and 15 km away respectively BEIL Infrastructure Ltd, Ankleshwar.

- X-Ray facilities, Pathological Laboratory.
- Well-equipped operation theatre and facilities to carry emergency surgery.
- Blood grouping facilities and Blood Bank.

The hospital has all the necessary specialists and medical staff with different wards and hospitalization.

Pls. refer Annexure – 22 on page no. 206

9. TRANSPORT AND EVACUATION ARRANGEMENTS:

Transport & Evacuation Arrangements are available in the factory round the clock.

Pls. refer Annexure – 23 on page no. 208

10. POLLUTION CONTROL ARRANGEMENTS:

Adequate pollution control arrangements for water, air & soil are provided.

Pls. refer Annexure – 24 on page no. 209

11. OTHER ARRANGEMENTS:

Heavy vehicles like JCB, forklifts are available round the clock. Transporters for material are also available round the clock. Two DG sets having 600 KV capacity are provided for alternate power supply in case of electricity failure.

Special equipments like oxygen meter, LEL meter, VOC meter are easily available.

Weather monitoring system is installed to monitor following parameters:

- Ambient temperature
- Wind direction
- Wind speed

- Humidity
- Rain flow
- UV radiation
- Barometric pressure

Apart from these, BEIL has formed an Emergency Response Team to deal with any kind of emergency.

Pls. refer Annexure – 25 on page no. 210

CHAPTER-IV

COMMUNICATION SYSTEM

The communication system beginning with raising the alarm, declaring the major emergency and procedure to make it known to others is explained below in brief.

1. RAISING THE ALARM:

In BEIL plant there are 02 Nos. of alarm/sirens. In case of an emergency, any person can press the button so that alarm/alarm can be heard. Alarm is audible all over the factory.

Siren Code

Sr. No.	Siren Type	Description
1	Fire or Other emergency	10 sec. ON & 5 sec. OFF three times
2	Gas leak	15 Sec. ON & 15 Sec. OFF four times
3	All clear	1 min. continue
4	Testing	1 Min. Continuous on every Wednesday 10.30 am

Pl. refer Annexure-26 on page No. 211

Security personnel who will initiate appropriate action to call on/pass on information to all required persons. Complete list of internal phone nos. & external phone nos. is available with security personnel. Availability of emergency vehicle is always ensured.

Pl. refer Annexure-27 & 28 on page No. 211 & 212 respectively for the list of internal phone nos. & external phone nos.

As standard procedure any person can raise the alarm to control the situation at earliest possible and avoid the development of major emergency, where appropriate early notification to outside agency is also needed.

2. DECLARING THE MAJOR EMERGENCY:

The declaration of major emergency puts many agencies on action and the running system may be disturbed which may be very costly at times or the consequences may be serious, therefore such declaration should not be decided on whims or immature judgment or without proper thought.

In BEIL plant only Site Main Controller (SMC) does declaration of major emergency. In absence of SMC, persons are nominated for declaration of emergency.

Pl. refer Annexure-29 on page No. 213

3. TELEPHONE MESSAGES:

After hearing the emergency alarm and emergency declaration or even while just receiving the emergency message on phone, a telephone operator will immediately contact SMC and on his advice call the local fire brigade. In case internal/external telephone system becomes inoperative, he shall inform the Officer-HRD through a messenger/runner. In case fire is discovered but no alarm is sounding, he shall receive information about location from the person discovering the fire and thereafter immediately consult the Emergency Controller and inform on telephone to the staff, location of the Incident and to evacuate to their assembly points. His such duties are described in the emergency instruction booklet given as the last annexure.

Pl. refer Annexure-30 on page No. 215

4. COMMUNICATION OF EMERGENCY:

The telephone operator or ECC receives message regarding emergency and informs relevant authorities.

1. Inside the Factory to the Employees

Through the internal plant Announcement System.

2. To Key Personnel Outside Normal Working Hours

The detail of key personnel availability after working hours is made available at security gate as well as plants. Availability of emergency vehicle is ensured to fetch the key personnel residing outside.

3. To The Outside Emergency Services & The Authorities

Facilities such as phones, emergency vehicle, and security personnel are available to help in calling outside emergency services and authorities.

The emergency will be immediately communicated to the government officers and other authorities such as fire brigade, police, district emergency authority, factory inspectorate, hospital etc.

4. To Neighboring Firms & The General Public

In case of emergency public will be cautioned regarding the same. Co-ordination of police will be sought for speedy action.

Pl. refer Annexure-31 on page No. 216

CHAPTER-V

ACTION ON SITE

1. CO-RELATED ACTIVITIES:

Following three stage co-related activities provide better points for emergency preparedness, emergency actions and subsequent follow up.

(a) Pre-emergency activities

- Internal safety survey regarding identification of hazards, availability of protective equipment, checking for proper installation of safety devices is carried out periodically.
- Periodic pressure testing of equipment.
- Periodic non-destructive testing of lines.
- Periodic safety/relief valves testing.
- Periodic fire hydrant system testing.
- Mutual aid scheme with the neighboring organizations for getting / extending help to each other in emergency.
- Mock drill to check up level of confidence, extent of preparedness of personnel to face emergency is being contemplated.
- Regular training to all personnel to create awareness.
- Adequate safety equipments are made available.
- Internal/ external communication system is maintained in good working order.
- 5 kms. Range siren system is installed which can be operated in case of emergency.

- Wind-cocks/wind recorders are installed inside the plan areas as prominent locations to indicate wind direction and velocity.
- Periodic checkup of emergency lights.
- Emergency Control Center is identified
- Safe assembly points are identified.
- Storage of adequate first aids treatment facilities.
- Statutory information is imparted to workers

(b) Emergency Time activities

During emergency, all personnel will work with specific objective in consultation with Incident Controller to tackle the situation.

(c) Post Emergency Time activities

Post emergency activities comprise of steps taken after the emergency is over so as to establish the reasons of the emergency and preventive measures.

The steps involved are-

- ✓ Collection of records
- ✓ Conducting enquiries and concluding preventive measures
- ✓ Making insurance claims
- ✓ Preparation of inquiry reports and suggestion scheme.
- ✓ Implementation of inquiry report's recommendations.
- ✓ Rehabilitate the affected persons within the plant and outside the plant.
- ✓ To restart the plant.

2. CONTROLLING EMERGENCY:

MODE OF EMERGENCY

Man made	Natural Calamities	Extraneous
Fire	Flood	Riots/Civil Disorder /Mob attack
Toxic Release	Earthquake	Terrorism
Spillage / Leakage of solid / liquid material during	Cyclone	Bomb Threat

transportation		
Unsafe act / condition		War
In-adequate maintenance		Food / water poisoning

Some hazardous events and their control procedures are explained below in brief:

(A) Fire

- ✓ Inform Incident Controller at once when the fire is noticed.
- ✓ Put off electrical mains for the plant where in fire is observed, connected MCC's for the plant should be put off.
- ✓ Fire lighting crew to be directed for immediate actions in the area for extinguishing the fire by use of fire extinguishers and water from fire hydrant posts.
- ✓ Simultaneously put off the source of gas emission.
- ✓ Steps to be taken to evacuate non-essential persons.
- ✓ Use of portable fire extinguishers like foam type, ABC type to be made to contain the solvent fire.
- ✓ Use of water to be made to extinguish the fire and cooling off the equipment and storage surface till the fire extinguished and equipment are cooled.
- ✓ In case of Carbon dioxide do not allow the persons to enter into the area till the time, the carbon dioxide is dispersed and diluted to avoid any suffocation.
- ✓ To put off the fire due to solvents make use of excessive foam/DCP/ABC type fire extinguishers & water fog. Make use of excessive water to cool the surface area of equipment.
- ✓ Provide gas masks, Goggles, Aprons, Helmets and safety wears to the firefighting team.
- ✓ Keep people away from the danger area.
- ✓ Do not permit any naked flame and smoking in the area.
- ✓ Stop leakages and flush the leaky liquid, do not allow flow the leaky liquid in the drain.
- ✓ Give the first aid to the injured persons.
- ✓ If necessary induce vomiting, give artificial respiration and the effected person should be sent to the nearest doctor/clinic.
- ✓ Inform neighboring industries and population.
- ✓ Contact fire brigade, Police, Doctor/Hospital and other authorities.

- ✓ Contact statutory authorities and give information.
- ✓ Cordoned off whole area to restrict the entry by posting security personnel.

Action after Fire is Extinguished

The Incident Controller shall…

a. Prepare immediate abnormal occurrence report as soon as possible and submit it to safety department/administration department.

b. The affected department head shall carry out an investigation and prepare a detailed report mentioning any further requirement of facilities for tackling such type of emergencies.

c. Before the plant is re-commissioned the mechanical/ electrical / instrumentation shall assess the danger to ensure equipment is safe for continued services.

d. Make a note of the fire extinguisher used and need replacement

(B) Toxic Release

- ➢ Inform Incident Controller when vapors/gas leakage is noticed.
- ➢ Try to close the necessary valves to stop the gas leakage.
- ➢ Call the firefighting crew to take the immediate action to curtail the gas emission and spread up by use of water or appropriate medium (water in the form of fog will reduce the concentration of acidic vapors in the surrounding).
- ➢ Start putting water on the source of leakage to minimize gas emission.
- ➢ During above operation use longer duration sets of breathing apparatus and full body protective suits apart from plastic or rubber gloves, boots and goggles.
- ➢ Keep people away from the danger area.
- ➢ Do not permit naked flame or smoking in the area.
- ➢ After stopping the leakages flush the area with ample water if the leaked material does not react with water. For the material, which reacts with water, absorb in sawdust & incinerate.
- ➢ Give the first aid to the injured persons.
- ➢ Bring the patient to the fresh air, give the victim sufficient water and milk and transport to health care facility.
- ➢ In the event of a fire, the emergency plan must be executed on a timely basis.

In case of release of liquid/vapors in high concentration the Site Main Controller will co-ordinate the activities with incident controller. Under his direction, plant will be shut down. Non-essential workers will be sent to assembly points.

(C) Spillage of solid waste during transportation:

- On Noticing spillage, intimate safety officer and Plant Manager through Intercom/telephone system and clearly inform about
    1) The Location
    2) Manifest No.
    3) Characteristics of material
- Evacuate & barricade the Area
- Use following PPEs
    - Boiler suit
    - Hand Gloves
    - Apron
    - Face Mask or Safety goggles
    - Helmet
    - Multi gas cartridge mask
    - Gum Boot
- Check Wind Direction & monitor the surrounding environment.
- Reach to the place through the opposite way to wind direction
- Cover the spilled are by using dry soil or fly ash as absorbing inert media.
- Collect the material in plastic bags / drums and clean the floor.
- Send the material for proper disposal.

(D) Leakage of liquid material during transportation:

- On Noticing leakage, intimate safety officer and Plant Manager through Intercom/telephone system and clearly inform about
    4) The Location
    5) Manifest No.
    6) Characteristics of material
- Evacuate & barricade the Area

- Use following PPEs
    - Boiler suit
    - Hand Gloves
    - Apron
    - Face Mask or Safety goggles
    - Helmet
    - Multi gas cartridge mask
    - Gum Boot
- Check Wind Direction & monitor the surrounding environment.
- Reach to the place through the opposite way to wind direction
- Roll the drum and take down from the palate
- Put on other palates as such the leaky position of drum or container comes on upside, so the leakage of liquid can be stopped immediately.
- Cover the leaky part by applying liner or plastic bag and tight by using plastic string
- Use dry soil or fly ash as absorbing inert media and spray over the spilled liquid.
- After solidification collect the material in a plastic bag and clean the floor
- Send the material for proper disposal
- Send the leaky container or drum to Incinerable waste treatment area

(E) Landfill slope failure:

- Inform Incident Controller when slope failure is noticed
- Implementation of onsite emergency plan
- Incoming waste to be stopped
- Slope failure may increase exposure risk to personnel and public so necessary PPEs to be provided. Relocation and covering of waste to be performed quickly and safely
- Perform mitigating activity to limit further contamination or damage
- Work to be done round the clock
- Primary report to be prepared and reviewed at regular intervals regarding the activities of waste shifting.

(F) Water accumulation in landfill due to heavy rain:

We are keeping four nos of Diesel pump of 40 m^3/hr capacity and 5 Electric pump of 80 m^3/hr capacity to pump out the accumulated water due to heavy rain. In the event of a landfill instability such as a slope failure the first concern is always safety,

safety of site personnel, safety of site entrants, and safety of general public. The situation will need to be assessed concisely and necessary emergency procedures and precautions implemented as quickly as possible.

- Inform Incident Controller when water accumulation is noticed
- Implementation of onsite emergency plan
- Start pumps to pump out the water accumulated.
- Check the water quality, if contaminated send for treatment.
- Necessary PPEs like helmet, gum boot, hand gloves, rain coat to be provided. If required, relocation and covering of waste to be performed quickly and safely
- Perform mitigating activity to limit further contamination or damage
- Work to be done round the clock
- Primary report to be prepared and reviewed at regular intervals regarding the activities of waste shifting.

(G) Electric Shock:

- Electric shock results in irreversible damage to brain cells followed by deterioration of other organs.
- Rescue and first aid –
- Do first thing first, quickly and without fuss or panic.
- Switch off the supply if this can be done at once. If not possible, use a dry stick, dry cloth or other nonconductor to separate the victim of electrical contact. The rescuer must avoid receiving shock himself by wearing gloves or using a jacket to pull the victim. Always keep in mind that delay in rescue and resuscitation may be fatal. Every second counts.
- Artificial respiration
  - Give artificial respiration, if breathing has stopped. There are several methods of artificial respiration. If the victim is not injured over the face, try mouth to mouth. If the victim is injured over the face, use Silverster Brosch method.

(H) Snake Bite:

- Reassure the patient
- Do not allow the person to run or walk
- Apply a ligature above the wound (in between the heart and the wound) if the bite is in the leg or hand.
- Wash the wound with potassium permanganate solution or with soap and water.
- Allow free bleeding.
- Never suck the blood from the wound.
- Treat for shock.

- Arrange immediate hospitalization, by transporting the patient in a lying down position.

3. EVACUATION & TRANSPORT:

In case of emergency, evacuation and transportation of non-essential workers is carried out immediately after hearing Siren. The effected personnel will be transported for medical aid. Availability of transportation is always essential.

4. SAFE CLOSE DOWN:

During emergency, plant shut down will be carried out if you hear siren or instruction from SMC or Incident Controller.

5. USE OF MEDICAL AID:

The help from outside i.e. mutual aid will be taken if required by Site Main Controller.

6. USE OF EXTERNAL AUTHORITIES:

As and when necessary, statutory authorities, police, pollution control personnel, medical aid/center, ambulance etc. will be contacted.

7. MEDICAL TREATMENT:

The effected personnel will be brought to safer place immediately to give them first aid. Immediate medical attention will be sought.

8. ACCOUNTING FOR PERSONNEL:

Proper accounting for personnel as laid down in all the shifts. The number of persons present inside the plant premises, their duty etc. will be available with the security staff. This record will be regularly updated and will be made available.

9. ACCESS TO RECORD:

The relatives of affected personnel will be informed. The details regarding all employees are made available at Administration building.

10. PUBLIC RELATIONS:

A senior manager is appointed as the sole authoritative source of information to the news media. All other employees are instructed not to divulge information themselves which may, in the event, be misleading or inaccurate.

11. REHABILITATION:

The affected area will be cleared from emergency activities only after positive ascertaining of the system in all respects. The entry to affected area will have to be restricted until statutory authorities visit and inspect the spot of incident. Nothing should be disturbed from the area till their clearance. The Site Main Controller will be incharge of the activities to be undertaken.

The plan will cover emergencies, which can be brought under control by the works with the help of emergency team/fire services. Emergency Control Plan for gas leak & fire has been prepared for entire factory.

LEVEL OF EMERGENCY

Level of emergency can be classified in three categories:

Level 1

The emergency, which is containable within the plant premises. Emergency may be due to

A. Small spot fire in the Incinerator plant or Landfill

B. Low quantity toxic gas leakage for short duration / small organic liquid leakage

C. Collapsing of small equipment's / line failure.

D. Electrical Shock

E. Snake bite

Level 2

The emergency, which is containable within the factory premises. Emergency may due to

A. Big fire in factory premises/Fall of structure/failure of line, vessel etc...

B. Medium scale explosion.

C. Heave leakage of toxic / flammable gas for short duration

D. Leakage from drum containing toxic hazardous liquid waste

E. Collapsing of heap of soil during construction of landfill

Level 3

1. Incinerator

Likelihood of cloud formation of toxic and / or flammable gases & drifting of such cloud affecting the general public and/or surrounding industries. The emergency may be due to

A. Explosion in high-pressure vessel containing toxic / flammable material.

B. Heavy leakage of toxic material or corrosive fumes for a long duration, from pipeline or storage tanks.

C. Fire/Explosion in storage areas causing heave radiation/fire balls etc.

2. Landfill

A. Slope failure of landfill

B. Flood hazards

- Water accumulation due to heavy rain
- Resulting from Dam and / or reservoir failure*
- Resulting from seismic sea waves*

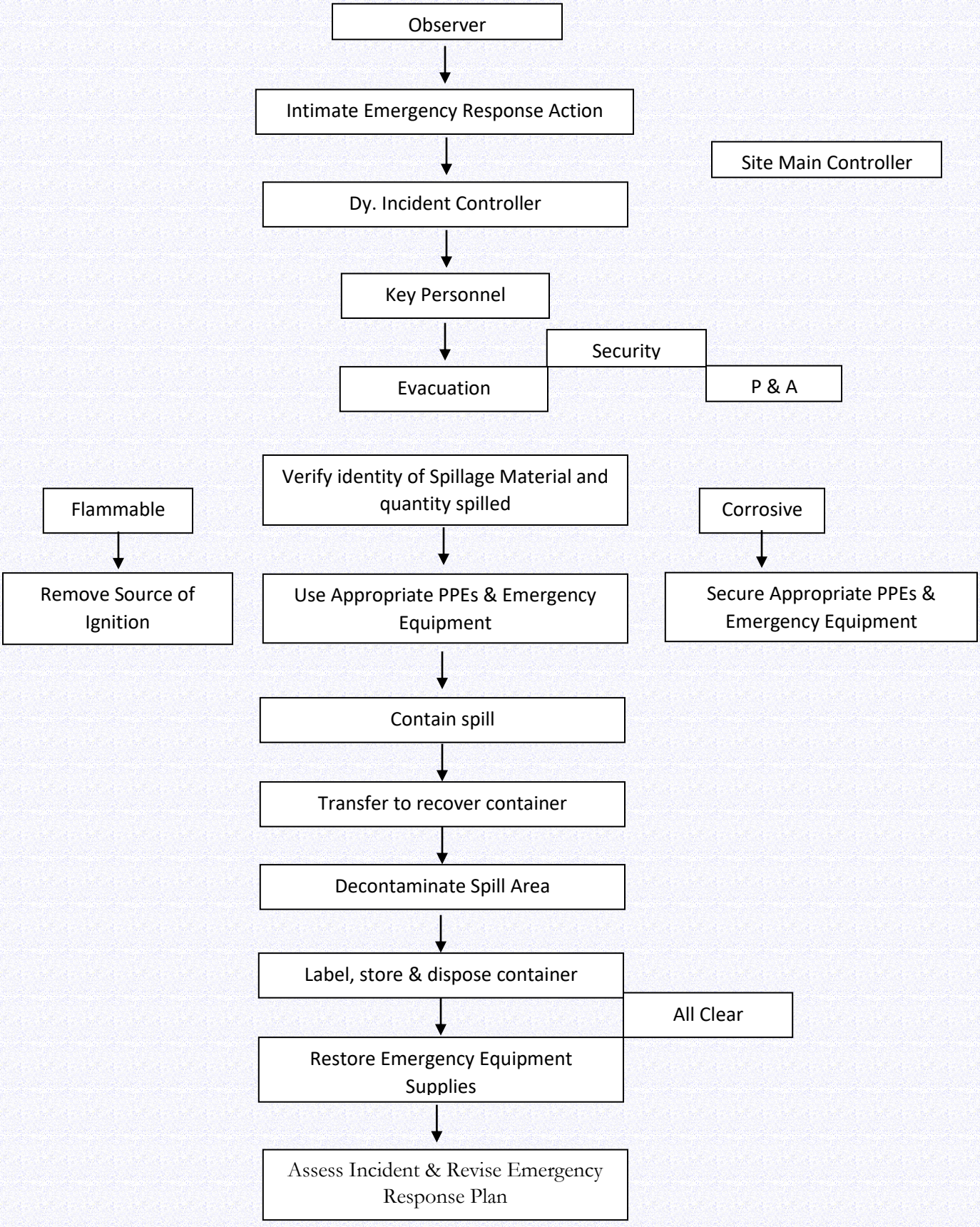
*BEIL is facility at Ankleshwar GIDC, Dist. Bharuch. Neither a dam nor reservoir near to the Facility, which failure can affect the TSDF. The Sea Mean level is below 32.78 Meter and highest flood level height is below 12.77 Meter from BEIL

<u>ON HEARING EMERGENCY SIREN</u>

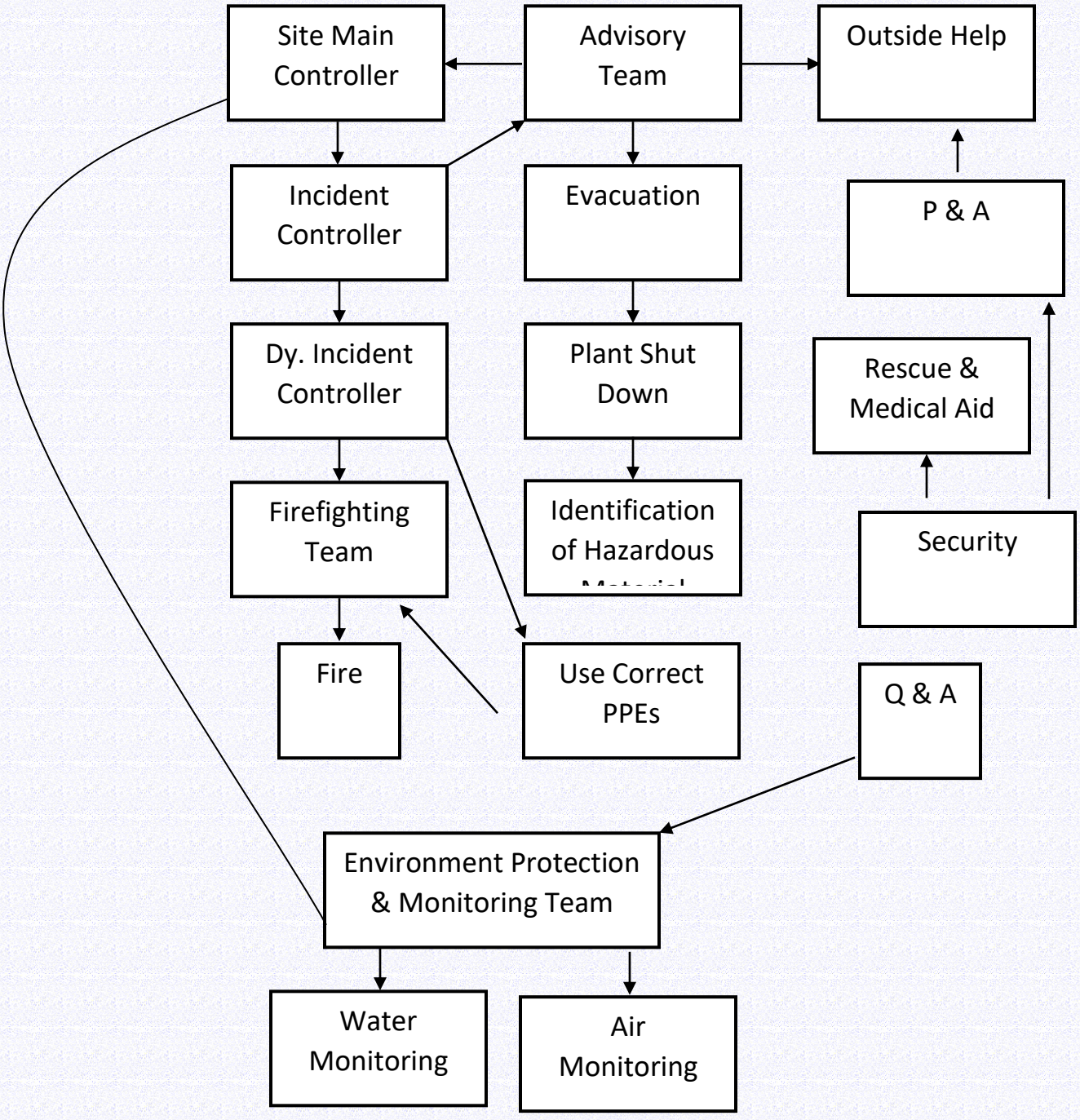
*Non-essential personnel shall follow safe route for evacuation.

Non-essential personnel will not rush towards incident site.

Emergency Response Flow Chart for Major Spills



Emergency Response Flow Chart for Major Fire



CHAPTER-VI

OFF-SITE EMERGENCY PLAN

1. NEED OF THE EMERGENCY PLAN:

Depending on the wind direction and velocity the effects of accident in factory may spread to outside its premises. To avoid major disaster, it is essential to seek guidance/assistance of statutory authorities, police, and health department. The movement of traffic may have to be restricted.
Required information will be given to the authority and consultation will be sought for remedial measures.

Purposes of the off-site emergency plan are:

a) To provide the local/district authorities, police, fire brigade, doctors, surrounding industries and public the basic information of risk and environmental impact assessment and appraise them of the consequences and the protection/ prevention measures and to seek their help to communicate with public in case of major emergency.
b) To assist district authorities for preparing the off-site emergency plan for district or particular area and to organize rehearsals from time to time and initiate corrective actions on experience.

2. STRUCTURE OF THE OFF-SITE EMERGENCY PLAN:

1. ROLE OF THE FACTORY MANAGEMENT:

The Emergency Controller will provide a copy of action plan to the statutory authorities in order to facilitate preparedness of district/area off-site emergency plan.

2. ROLE OF THE EMERGENCY CO-ORDINATION OFFICE (ECO):

He will be a senior police or fire officer co-ordinating with Emergency Controller. He will utilize emergency control center.

3. ROLE OF THE LOCAL AUTHORITY:

Preparation of off-site plan lies with local authorities. An emergency planning officer (EPO) works to obtain relevant information for preparing basis for the plan & ensures that all that organization involved in offsite emergency and to know their role and responsibilities.

Separation distances in respect of chemicals in BEIL is given in Annexure 32.

Pls. refer Annexure 32 on page no. 217

4. ROLE OF THE FIRE AUTHORITY:

The fire authorities will take over the site responsibility from incident controller after arrival. They will be familiarized with site of flammable materials water and foam applies points, firefighting equipment.

5. ROLE OF THE POLICE AND EVACUATION AUTHORITY:

Senior Police Officer designed as emergency coordinating officer shall take overall control of an emergency. The duties include protection of life, property and control of traffic movement.

Their functions include controlling standards, evacuating public, and identifying dead and dealing with casualties and informing relatives of dead or injured.

There may be separate authorities / agencies to carry out evaluation and transportation work.

Evacuation depends upon the nature of accident, in case of fire only neighboring localities shall be alerted. Whole areas have to be evacuated in case of toxic release.

6. ROLE OF THE HEALTH AUTHORITY:

After assessing the extent of effect caused to a person the health authorities will treat them

7. ROLE OF THE MUTUAL AID AGENCIES:

Various types of mutual aid available from the surrounding factories and other agencies will be utilized.

8. ROLE OF THE FACTORY INSPECTORATE:

In the event of an accident, the Factory Inspector will assist the District Emergency Authority for information and helping in getting Neighboring Industries / mutual aid from surrounding factories.

In the aftermath, Factory Inspector may wish to ensure that the affected areas are rehabilitated safely.

CHAPTER-VII

TRAINING, REHEARSHAL AND RECORDS

1. NEED OF REHEARSAL & TRAINING:

Regular training and rehearsal program of emergency procedures shall be conducted with elaborate discussions and testing of action plan with mock drill. If necessary, the co-operation / guidance of outside agencies will be sought.

2. SOME CHECK POINTS:

Following check points are help-full in assessing the adequacy of the emergency plan, At the time of training these can be checked:

- The extent of realistic nature of incidents.
- Adequate assessment of consequences of various incidents.
- Availability of sufficient resources such as water, firefighting aids, personnel.
- The assessment of time scales.
- Logical sequences of actions.
- The involvement of key personnel in the preparation of plan.
- At least 24 hours cover to take account of absences due to sickness and holiday, minimum shift manning.
- Satisfactory co-operation with local emergency services and district or regional emergency planning offices.
- Adequacy of site.

3. RECORDS AND UPDATING THE PLAN:

All records of various on-site and off-site emergency plans of factory will be useful alone with those of the factors by which statutory authorities draw a detailed plan for the whole area/district. The records of the activity is being updated regularly.

4. EMERGENCY BOOKLET:

The duties/functions of particular role are mentioned in the last annexure given as Emergency Instruction Booklet.

Pls. refer Annexure 33 on page no. 218

ANNEXURE-1

IDENTIFICATION OF FACTORY

1.	Name of the Factory	:	**BEIL Infrastructure Ltd.**
2.	Address	:	Plot # 9701 – 9716, GIDC Estate, Ankleshwar – 393 002 Dist – Bharuch, Gujarat
3.	Telephone No.	:	02646-253135/226591/225228
4.	Fax No.	:	02646-222849/250707
5.	E-mail I.D.	:	panjawania@uniphos.com
6.	Full Name & Address of the Factory Occupier	:	Mr. Ashok Panjwani Near navsarjan bank, GIDC – Ankleshwar
	Telephone No.	:	9909994902
7.	Full Name & Address of the Factory Manager	:	Mr. B D Dalwadi 408/9, Sardar Patel Society, GIDC – Ankleshwar
8.	Manufacturing process	:	TSDF of Hazardous waste
9.	Shift details:	:	

Name of the Shift	Staff	Contract	Total
General(G)	50	148	198
First (A)	15	110	125
Second (B)	15	60	75
Third (C)	15	50	65
TOTAL	95	368	463

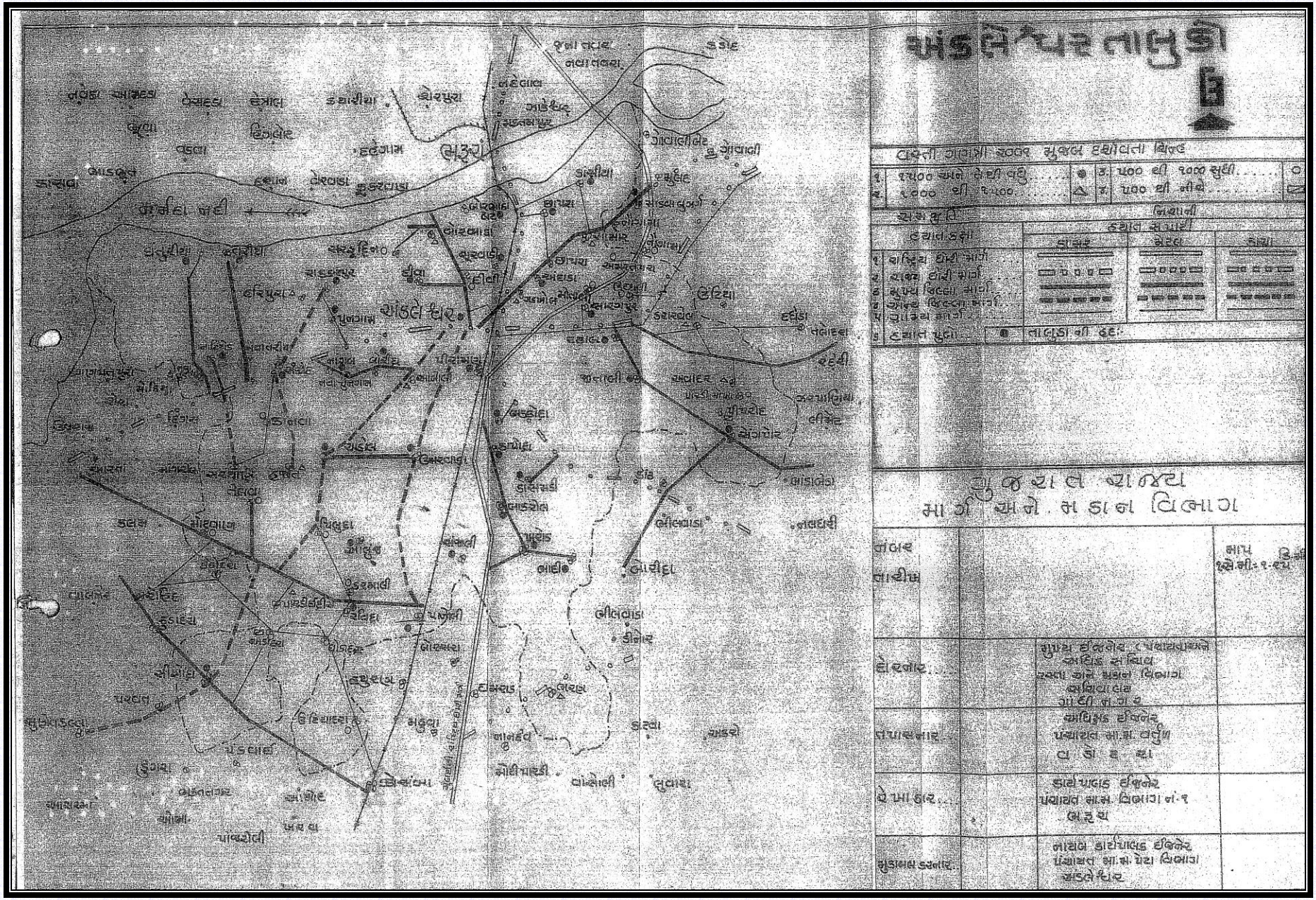
First person to be contacted in case of emergency:

Name of the shift	First person to be contacted in case of emergency			
	Name & Designation	Place of Availability	Phone No.	
			Office	Res.
General(G)	Mr. Atul Agarwal (GM – works)	Plant Office	02646-226591	9909994904

First (A)	Mr. Dinkar Trivedi (DGM)	Plant Office	02646-226591	9978996347
Second (B)	Mr. Janak Prajapati (Executive)	Control Room	02646-226591	9723297216
Third (C)	Mr. Kaushik Patel (Officer)	Control Room	02646-226591	9727990047
On Holiday	Mr. Kevin (Officer)	Control Room	02646-226591	8511043083
Any other information, if any:				

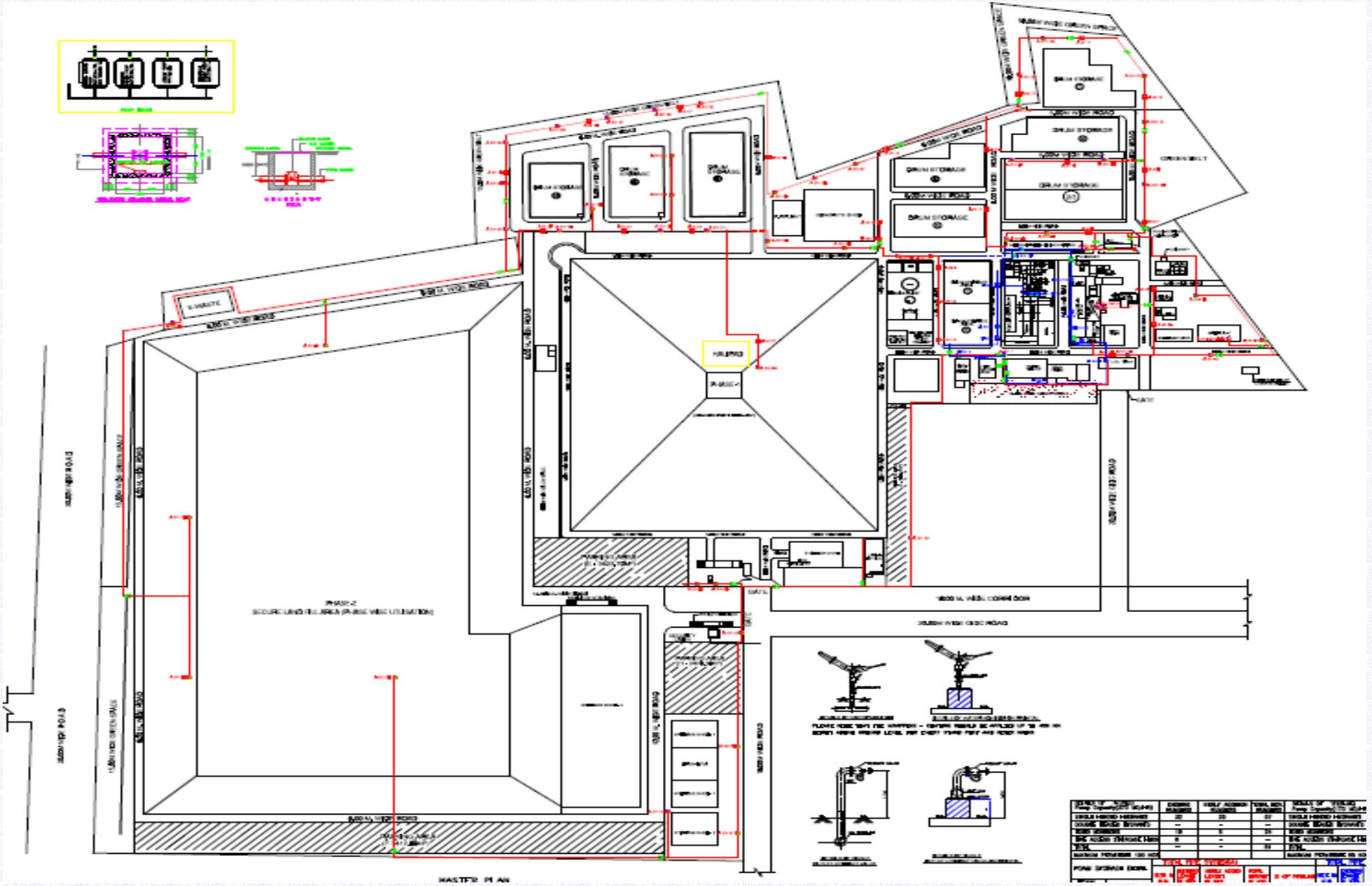
ANNEXURE-2

MAP OF THE AREA



ANNEXURE-3

FACTORY LAY OUT



ANNEXURE-4

STORAGE HAZARDS AND CONTROLS

Name of the hazardous substance	**Max. Storage Capacity**	**Place of its storage**	**State & operating pressure & Temperature**	**Type of Hazards possible (fire, explosion toxic release, spill, etc.)**	**Control Measures provided**
1	2	3	4	5	6
High CV liquid waste	25 KL	ST-3010	Liquid State, stored under N2 blanket with 150 mm WC pressure & ambient temp.	➢ Causes irritation to skin & eyes. ➢ Inhalation causes dizziness, eye irritation & headache. ➢ Ingestion of liquid may become fatal to human life. ➢ Highly flammable fire & explosion hazard	➢ Mechanical seal for transferring pump. ➢ Personal protective equipments are being used ➢ Provision of Safety shower ➢ Breather Valve and venting line provided and line is connected with scrubbing system. ➢ Inter locking system provided. ➢ Provision of Fire Hydrant System & Extinguishers. ➢ Grounding of storage vessel to earth pit. ➢ Declared as No Hot Work Zone. ➢ Tanks are provided with dip pipe. ➢ Proper Earthing & bonding before Loading/Unloading operations. ➢ N2 blanketing system. ➢ Automatic sprinkler system provided.
High CV liquid waste	35 KL	ST-3020			
Aqueous waste	35 KL	ST-3030	Liquid State, stored under ambient pressure & temp.	➢ Causes irritation to skin & eyes. ➢ Inhalation causes dizziness, eye irritation & headache. ➢ Ingestion of liquid may become fatal to human life.	
Aqueous waste	35 KL	ST-3040			
High CV liquid	35 KL	ST-3050	Liquid State, stored under N2 blanket	➢ Causes irritation to skin &	➢ Mechanical seal for transferring

waste			with 150 mm WC pressure & ambient temp.	eyes. ➢ Inhalation causes dizziness, eye irritation & headache. ➢ Ingestion of liquid may become fatal to human life. ➢ Highly flammable fire & explosion hazard	pump. ➢ Personal protective equipments are being used ➢ Provision of Safety shower ➢ Breather Valve and venting line provided and line is connected with scrubbing system. ➢ Inter locking system provided. ➢ Provision of Fire Hydrant System & Extinguishers. ➢ Grounding of storage vessel to earth pit. ➢ Declared as No Hot Work Zone. ➢ Tanks are provided with dip pipe. ➢ Proper Earthing & bonding before Loading/Unloading operations. ➢ N2 blanketing system. ➢ Automatic sprinkler system provided.
Aqueous waste	35 KL	ST-3060	Liquid State, stored under ambient pressure & temp.	➢ Causes irritation to skin & eyes. ➢ Inhalation causes dizziness, eye irritation & headache. ➢ Ingestion of liquid may become fatal to human life.	
Aqueous waste	25 KL	ST-4010			
Aqueous waste	25 KL	ST-4020			
Aqueous waste	25 KL	ST-4030			
Aqueous waste	25 KL	ST-4040			
Aqueous waste	25 KL	ST-4050			
Aqueous waste	25 KL	ST-4060			
Caustic Lye	30 MT	T-3030A	Liquid State, stored under ambient pressure & temp.	➢ Skin irritation due to material contact. ➢ Damage to eye due to direct contact. ➢ Ingestion may become fatal to human life.	➢ Mechanical seal for transferring pump. ➢ Personal protective equipments are being used ➢ Provision of Safety shower
Caustic Lye	30 MT	T-3030B			
Caustic Lye	40 MT	T-3030C			
Bleed Water	60 KL	T-3040	Liquid State, stored under ambient pressure & temp.	➢ Causes irritation to skin & eyes. ➢ Inhalation causes dizziness,	➢ Mechanical seal for transferring pump. ➢ Personal protective equipments

				eye irritation & headache. ➢ Ingestion of liquid may become fatal to human life.	are being used ➢ Provision of Safety shower
Aqueous Liquid waste	8 KL	T-2010	Liquid State, stored under N2 blanket with 150 mm WC pressure & ambient temp.	➢ May Cause irritation to skin & eyes. ➢ Inhalation causes dizziness, eye irritation & headache. ➢ Ingestion may become fatal to human life.	➢ Mechanical seal for transferring pump. ➢ Personal protective equipments are being used ➢ Provision of Safety shower ➢ Breather Valve and venting line provided and line is connected with RK Blower system. ➢ Grounding of storage vessel to earth pit. ➢ Declared as No Hot Work Zone. ➢ Tanks are provided with dip pipe. ➢ Proper Earthing & bonding before Loading/Unloading operations
Aqueous Liquid waste	8 KL	T-2010A			
Aqueous liquid waste	6.8 KL	T-2030			
Aqueous liquid waste	8 KL	T-2030A			
High CV liquid waste	8 KL	T-2020A	Liquid State, stored under N2 blanket with 150 mm WC pressure & ambient temp.	➢ Causes irritation to skin & eyes. ➢ Inhalation causes dizziness, eye irritation & headache. ➢ Ingestion of liquid may become fatal to human life. ➢ Highly flammable fire & explosion hazard	
High CV liquid waste	8 KL	T-2040			
High CV liquid waste	8 KL	T-2040A			
High CV liquid waste	8 KL	T-2050			
High CV liquid waste	8 KL	T-2050A			
High CV liquid waste	8 KL	T-2020			
Hydrated Lime	50 TON	Old Storage yard	Solid Powder State, stored under ambient pressure & temp.	➢ Dust May Cause irritation to skin & eyes.	➢ Stored in a segregated & approved area. ➢ Personal protective equipments are being used
Hydrated Lime	70 TON	New Storage	Solid Powder State, stored under	➢ Dust May Cause irritation to	➢ Stored in a segregated & approved

		yard	ambient pressure & temp.	skin & eyes.	area. ➢ Personal protective equipments are being used.
Activated carbon	02 TON	Storage yard	Solid Powder State, stored under ambient pressure & temp.	➢ In case of contact, may Cause irritation to skin & eyes. ➢ Flammable.	➢ Store in a segregated, approved & ventilated area. ➢ Personal protective equipments are being used. ➢ Fire extinguishers & Fire hydrant system provided
Incinerable hazardous waste	10529 MT	Storage sheds no. 1 to 10	Aqueous, Organic Liquid, Solid, Semi Solid & Tarry Waste stored under ambient pressure & temp	➢ May Cause irritation to skin & eyes. ➢ Inhalation causes dizziness, eye irritation & headache. ➢ Ingestion may become fatal to human life. ➢ Fire hazard	➢ Provision of Fire Hydrant System & Extinguishers. ➢ Provision of Water sprinkler system ➢ Provision of heat & smoke detectors. ➢ Provision of Safety Shower.
Coal	150 MT	Coal Storage shed	Solid state under Atmospheric temperature and pressure	➢ Fire Hazard	➢ Store in a segregated, approved & ventilated area. ➢ Personal protective equipments are being used. ➢ Fire extinguishers & Fire hydrant system provided. ➢ Provision of Safety shower
High TDS Effluent	150 KL	ST-01	Liquid State, stored under ambient pressure & temp.	➢ May Cause irritation to skin & eyes. ➢ Inhalation causes dizziness, eye irritation & headache. ➢ Ingestion may become fatal to human life.	➢ Mechanical seal for transferring pump. ➢ Personal protective equipments are being used. ➢ Provision of Safety shower
	150 KL	ST-02			
	150 KL	ST-03			

Condensate water	450 KL	CS Tank	Liquid State, stored under ambient pressure & temp.	➢ May Cause slight irritation to skin & eyes. ➢ Ingestion may become fatal to human life.	➢ Mechanical seal for transferring pump. ➢ Personal protective equipments are being used

ANNEXURE-5

MATERIAL SAFETY DATA SHEET

INDEX

MSDS of commonly used Volatile Organic Compounds (Solvents)

Acetone

Benzene

Dichloride Ethane

CCl4

MSDS of Combustion product of Incinerable Hazardous Waste (Gases)

Carbon Monoxide

Carbon Dioxide

Hydrogen Sulphaid

Phosgene

Sulphur dioxide

MSDS of Hazardous waste received from member industries

RPG life science limited (Petroleum Ether)

K. Patel chemopharma limited (Methyl violet, Chrysidine y, Victoria blue, Solvent black, and Ethyl Amine)

Trans Metal (Distillation residue of TCAC)

Panorama Aromatic Limited (Benzaldihyde)

Tatva chintan Pharma Limited (Distillation Residue(Mix solvents , EA, Toluene))

RPG life science limited (Methyl Chloride, Acetone)

UPL -2 (Low boiler MCP & DDVP)

Dishman Pharma (IPA & Toluene , Bromo , PCA)

Sanofi Aventis

PI industries

GACL (high Boiling Material)

UPL-2 (1- Nephthol, Methyl dichloride , Chloro propyonil chloride , EA)

Safety Data Sheet

According to EC Directive 91/155/EEC

Date of issue: 09.03.2006

Supersedes edition of 10.12.2004

1. Identification of the substance/preparation and of the company/undertaking *Identification of the product*

Catalogue No.: 100013

Product name: Acetone extra pure Ph Eur,BP,NF

Use of the substance/preparation

Pharmaceutical production and analysis

Solvent

Company/undertaking identification

Company: Merck KGaA * 64271 Darmstadt * Germany * Phone: +49 6151 72-0

Emergency telephone No.: Please contact the regional Merck representation in your country.

2. Composition/information on ingredients

Synonyms

Dimethyl ketone, Propanone

CAS-No.:	67-64-1	EC-Index-No.:	606-001-00-8
M:	58.08 g/mol	EC-No.:	200-662-2
Formula Hill:	C_3H_6O		
Chemical formula:	CH_3COCH_3		

3. Hazards identification

Highly flammable. Irritating to eyes. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

4. First aid measures

After inhalation: fresh air. Consult doctor if feeling unwell.

After skin contact: wash off with plenty of water. Remove contaminated clothing.

After eye contact: rinse out with plenty of water with the eyelid held wide open. Call in ophthalmologist.

After swallowing: caution if victim vomits. Risk of aspiration! Keep airways free. Immediately call in physicia

5. Fire-fighting measures

Suitable extinguishing media: CO_2, foam, powder.

Special risks:

Combustible. Vapours heavier than air.

Forms explosive mixtures with air at ambient temperatures. Beware of backfiring. Development of hazardous combustion gases or vapours possible in the event of fire.

Special protective equipment for firefighting:

Do not stay in dangerous zone without self-contained breathing apparatus. In order to avoid contact with skin, keep a safety distance and wear suitable protective clothing.

Other information:

Prevent fire-fighting water from entering surface water or groundwater. Cool container with spray water from a save distance.

6. Accidental release measures

Person-related precautionary measures:

Avoid substance contact. Do not inhale vapours/aerosols. Ensure supply of fresh air in enclosed rooms.

Environmental-protection measures:

Do not allow to enter sewerage system; risk of explosion!

Procedures for cleaning / absorption:

Take up with liquid-absorbent material (e.g. Chemizorb®). Forward for disposal. Clean up affected area.

7. Handling and Storage

Handling:

Notes for prevention of fire and explosion:

Keep away from sources of ignition. Take measures to prevent electrostatic charging.

Notes for safe handling:

Work under hood. Do not inhale substance. Avoid generation of vapours/aerosols.

Storage:

Tightly closed in a well-ventilated place, away from sources of ignition and heat.
At +15˚C to +25˚C.

8. Exposure control/personal protection

Specific control parameter

EC

Name	Acetone
Value	500 ml/m^3
	1210 mg/m^3

Personal protective equipment:

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier

Respiratory protection: required when vapours/aerosols are generated. Filter AX (EN 371).

Eye protection: required

Hand protection: In full contact:

Glove material: butyl rubber

Layer thickness: 0.7mm

Breakthrough time: >480 min

In splash contact:

Glove material: natural latex

Layer thickness: 0.6mm

Breakthrough time: >10 min

The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN374, for example KCL 898 Butoject® (full contact), 706 Lapren® (splash contact). The breakthrough times stated above were determined by KCL in laboratory tests acc. to EN374 with samples of the recommended glove types.

This recommendation applies only to the product stated in the safety data sheet and supplied by us as well as to the purpose specified by us. When dissolving or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de).

Other protective equipment: Flame-proof protective clothing.

Antistatic protective clothing.

Industrial hygiene:

Immediately change contaminated clothing. Apply skin- protective barrier cream. Wash hands and face after working with substance. Work under hood. Do not inhale substance.

9. Physical and chemical properties

Form:		liquid			
Colour:		colourless			
Odour:		fruity			
pH value					
at 395 g/l H_2O		(20 ˚C)	5-6		
Viscosity dynamic		(20 ˚C)	0.32	mPa*s	
Melting point			-95.4	˚C	
Boiling point		(1013 hPa)	56.2	˚C	
Ignition temperature			465	˚C	(DIN 51794)
Flash point			< -20	˚C	c.c.
Explosion limits	lower		2.6	Vol%	
	upper		12.8	Vol%	
Vapour pressure		(20 ˚C)	233	hPa	
Relative vapour density			2.01		
Density		(20 ˚C)	0.79	g/cm^3	

Solubility in water	(20 ˚C)	soluble
log Pow	-0.24	(experimental) (Lit.)

10. Stability and reactivity

Conditions to be avoided

Warming.

Substances to be avoided

Risk of ignition or formation of inflammable gases or vapors with: Activated charcoal. chromosulfuric acid, chromyl chloride, CrO_3, ethanolamine, fluorine, strong oxidizing agents, strong reducing agents, nitric acid.

Risk of explosion with: nonmetallic oxyhalides, halogen-halogen compounds, chloroform, nitrating acid, nitrosyl compounds, hydrogen peroxide (Formation of peroxides possible.).

Exothermic reaction with: bromine, alkali metals, alkali hydroxides, halogenated hydrocarbons.

Hazardous decomposition products

no information available

Further information

light-sensitive; sensitive to air.

unsuitable working materials: various plastics, rubber.

Explosible with air in a vaporous/gaseous state.

11. Toxicological information

Acute toxicity

LC_{50} (inhalation, rat): 76 mg/l /4 h (Lit.).

LD_{50} (dermal, rabbit): 20000 mg/kg (IUCLID).

LD_{50} (oral, rat): 5800 mg/kg (RTECS).

Specific symptoms in animal studies:

Eye irritation test (rabbit): Irritations (External MSDS).

Skin irritation test (rabbit): No irritation (External MSDS).

Subacute to chronic toxicity

Sensitization:

Sensitization test (guinea pig): negative. (Lit.)

Noncarcinogenic in animal experiments. (IUCLID)

Bacterial mutagenicity: Ames test: negative. (in vitro) (National Toxicology Program)

Mutagenicity (mammal cell test): chromosome aberration negative. (in vitro) (National Toxicology Program)

Mutagenicity (mammal cell test): micronucleus nagative. (in vivo) (National Toxicology Program)

Further toxicological information

After inhalation of vapours: mucosal irritations, drowziness, dizziness, absorption.

After skin contact: Drying-out effect resulting in rough and chapped skin.

After eye contact: Irritations. Risk of corneal clouding.

After swallowing: gastrointestinal complaints, absorption.

After absorption: headache, salivation, nausea, vomiting, dizziness, narcosis, coma.

Further data

The product should be handled with the care usual when dealing with chemicals.

12. Ecological information

Biologic degradation:
Biodegradation: 91 % /28 d (IUCLID);
Readily biodegradable.

Behavior in environmental compartments:
Distribution: log Pow: -0.24 (experimental) (Lit.).
No bioaccumulation is to be expected (log Pow <1).

Ecotoxic effects:
Biological effects:
Fish toxicity: Onchorhynchus mykiss LC_{50}: 5540 mg/l /96 h (Lit.).

Daphnia toxicity: Daphnia magna EC_{50}: 6100 mg/l /48 h (Lit.).
Maximum permissible toxic concentration:
Algeal toxicity: Sc.quadricauda IC_5: 7500 mg/l /8 d (IUCLID);

Bacterial toxicity: M.aeruginosa EC_5: 530 mg/l /8 d (IUCLID); Ps.putida EC_5: 1700 mg/l /16 h (IUCLID);

Protozoa: E.sulcatum EC_5: 28 mg/l /72 h (Lit.).

Further ecologic data:
Degradability:

BOD_5: 1.85 g/g (IUCLID);

COD: 2.07 g/g (IUCLID);

TOD: 2.20 g/g (Lit.).

Do not allow to enter waters, waste water, or soil!

13.Disposal considerations

Product:

Chemicals must be disposed of in compliance with the respective national regulations. Under www.retrologistik.de you will find country- and substance-specific information as well as contact partners.

Packaging:

Merck product packaging must be disposed of in compliance with the country-specific regulations or must be passed to a packaging return system. Under www.retrologistik.de you will find special information on the respective national conditions as well as contact partners.

14. Transport information

Road & Rail ADR, RID
UN 1090 ACETON, 3, II

Inland waterway ADN, ADNR not tested

Sea IMDG-Code

UN 1090 ACETONE, 3, II
Ems F-E S-D

Air CAO, PAX

UN 1090 ACETONE, 3, II

The transport regulations are cited according to international regulations and in the form applicable in Germany. Possible national deviations in other countries are not considered.

15. Regulatory information

Labelling according to EC Directives

Symbol:	F	Highly flammable
	Xi	Irritant
R-phrases:	11-36-66-67	Highly flammable. Irritating to eyes. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.
S-phrases:	9-16-26	Keep container in a well-ventilated place. Keep away from sources of ignition - No smoking. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
EC-No.:	200-662-2	EC label

16. Other Information

Reason for alteration

Chapter 11: toxicological information.
Chapter 12: ecological information.

General update.

Regional representation:

This information is given on the authorised Safety Data Sheet for your country.

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Safety Data Sheet

According to EC Directive 91/155/EEC

Date of issue: 13.12.2004

Supersedes edition of 30.01.2004

1. Identification of the substance/preparation and of the company/undertaking

Identification of the product

Catalogue No.: 101782

Product name: Benzene extra pure

Use of the substance/preparation

Chemical production

Company/undertaking identification

Company: Merck KGaA * 64271 Darmstadt * Germany * Phone: +49 6151 72-0

Emergency telephone No.: Please contact the regional Merck representation in your country.

2. Composition/information on ingredients

Synonyms

Cyclohexatriene

CAS-No.:	71-43-2	EC-Index-No.:	601-020-00-8
M:	78.11g/mol	EC-No.:	200-753-7
Formula Hill:	C_6H_6		

3. Hazards identification

May cause cancer. May cause heritable genetic damage. Highly flammable. Irritating to eyes and skin. Toxic: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed. Harmful: may cause lung damage if swallowed.

Restricted to professional users. Attention -

Avoid exposure - obtain special instructions before use.

4. First aid measures

First-aid personnel: ensure self-protection!

After inhalation: fresh air.

If breathing stops: immediately apply mechanical ventilation, if necessary oxygen mask. Immediately call in physician

After skin contact: wash off with plenty of water. Dab with polyethylene glycol 400. Immediately remove contaminated clothing. Immediately call in physician.

After eye contact: rinse out with plenty of water with the eyelid held wide open. Call in ophthalmologist.

After swallowing: immediately make victim drink plenty of water. Immediately call in physician.

In case of spontaneous vomiting: Risk of aspiration. Pulmonary failure possible. Call in physician.

1. Fire-fighting measures

Suitable extinguishing media:
CO_2, foam, powder.

Special risks:

Combustible. Vapours heavier than air. Forms explosive mixtures with air at ambient temperatures. Beware of backfiring. Development of hazardous combustion gases or vapours possible in the event of fire.

Special protective equipment for fire fighting:

Do not stay in dangerous zone without self-contained breathing apparatus. In order to avoid contact with skin, keep a safety distance and wear suitable protective clothing.

Other information:

Prevent fire-fighting water from entering surface water or groundwater. Cool container with spray water from a save distance. Contain escaping vapours with water.

2. Accidental release measures

Person-related precautionary measures:

Do not inhale vapours/aerosols. Avoid substance contact. Ensure supply of fresh air in enclosed rooms.

Environmental-protection measures:

Do not allow to enter sewerage system; risk of explosion!

Procedures for cleaning / absorption:

Take up with liquid-absorbent material (e.g. Chemizorb). Forward for disposal. Clean up affected area.

7. Handling and storage *Handling:*

Notes for prevention of fire and explosion:

Keep away from sources of ignition. Take measures to prevent electrostatic charging.

Notes for safe handling:

Work under hood. Do not inhale substance. Avoid generation of vapours/aerosols.

Storage:

Tightly closed in a well-ventilated place, away from sources of ignition and heat. At +15˚C to +25˚C.

Accessible only for authorized persons.

8. Exposure controls/personal protection

Specific control parameter
EC

Name	Benzene
Value	1 ml/m^3
	3.25 mg/m^3
Carcinogenic	C 1: known to be carcinogenic to man
mutagenic	M 2: substance which should be regarded as if mutagenic to man
Skin resorption	Risk of skin absorption

Personal protective equipment:

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Respiratory protection: required when vapours/aerosols are generated. Filter A (acc. to DIN 3181) for vapours of organic compounds, Respirator.

Eye protection: required

Hand protection: In full contact:

Glove material: viton

Layer thickness: 0.70mm

Breakthrough time: > 480min

In splash contact:

Glove material: nitrile rubber

Layer thickness: 0.40mm

Breakthrough time: > 10min

The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN374, for example KCL 890 Vitoject (full contact), 730 Camatril -Velours (splash contact). The breakthrough times stated above were determined by KCL

in laboratory tests acc. to EN374 with samples of the recommended glove types.

This recommendation applies only to the product stated in the safety data sheet and supplied by us as well as to the purpose specified by us. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de).

Industrial hygiene:

Immediately change contaminated clothing. Apply skin- protective barrier cream. Wash hands and face after working with substance. Under no circumstances eat or drink at workplace. Work under hood . Do not inhale substance.

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9. Physical and chemical properties

Form:	liquid
Colour:	colourless
Odour:	characteristic
pH value	not available

Viscosity dynamic	(20 ˚C)	0.66	mPa*s	
Viscosity kinematic		0.75	mm^2/s	
Melting point		5.5	˚C	
Boiling point		80.1	˚C	
Ignition temperature		555	˚C	(DIN 51794)
Flash point		-11	˚C	(DIN 51755)
Explosion limits	lower	1.4	Vol%	
	upper	8.0	Vol%	
Vapour pressure	(20 ˚C)	101	hPa	
Density	(20 ˚C)	0.88	g/cm^3	
Solubility in water				
	(20 ˚C)	1.770	g/l	
log Pow:		2.13		
Bioconcentration factor		1-10		

10. Stability and reactivity

Conditions to be avoided

Warming.

Substances to be avoided

Exothermic reaction with: halogens, halogenated hydrocarbons (in the presence of: light metals), uranium hexafluoride.

Risk of explosion with: perchlorates, nitric acid, ozone, peroxi compounds.

Risk of ignition or formation of inflammable gases or vapors with: oxygen, halogen-halogen compounds, oxyhalogenic compounds, CrO_3.

Violent reactions possible with: mineral acids, sulfur, oxidizing agent.

Hazardous decomposition products
not known to date

Further information

steam-volatile;

incompatible with rubber, various plastics.
explosible with air in a vaporous/gaseous state

11. Toxicological information

Acute toxicity

LC_{50} (inhalation, rat): 44 mg/l /4 h.

LD_{50} (dermal, rabbit): >8260 mg/kg.

LD_{50} (oral, rat): 930 mg/kg.

LDLo (oral, human): 50 mg/kg.

Specific symptoms in animal studies:

Eye irritation test (rabbit): Severe irritations.

Skin irritation test (rabbit): Irritations.

The literature data available to us do not conform with the labelling prescribed by the EC. The EC has dossiers which have not been published.

Subacute to chronic toxicity

Experience has shown this substance to be carcinogenic in man.

A mutagenic effect has been demonstrated in animal studies on mammals, justifying the assumption that exposure of humans to the substance produces hereditary damage.

Mutagenic effect in animal experiments.

Bacterial mutagenicity: Salmonella typhimurium: negative.
No teratogenic effect in animal experiments.

Further toxicological information

After inhalation: absorption, Irritation symptoms in the respiratory tract.

After skin contact: Irritations. Degreasing effect on the skin, possibly followed by secondary inflammation. Danger of skin absorption.

After eye contact: Severe irritations.

After swallowing: nausea. After accidental swallowing the substance may pose a risk of aspiration. Passage into the lung (vomiting)! can result in a condition resembling pneumonia (chemical pneumonitis).
After absorption: agitation, euphoria, headache, dizziness, inebriation, tiredness, CNS disorders, narcosis, respiratory arrest.

Subacute and chronic toxicity: After a latency period: changes in the blood picture, haemolysis.

Further data

This substance should be handled with particular care.

12. Ecological information

Biologic degradation:

Readily biodegradable (reduction: DOC >70 %; BOD >60 %; BOD_5 to COD >50 %).

Behavior in environmental compartments:
Distribution preferentially in air.
Distribution: log p(o/w): 2.13;

No appreciable bioaccumulation potential is to be expected (log P(o/w) 1-3).
Henry constant: 450 Pa*m^3/mol.

Ecotoxic effects:
Biological effects:
Toxic for aquatic organisms. Endangers drinking-water supplies if allowed to enter soil or water.

Fish toxicity: Onchorhynchus mykiss LC_{50}: 5.3 mg/l /96 h;

C.auratus LC_{50}: 34 mg/l /96 h.

Daphnia toxicity: Daphnia magna EC_{50}: 200 mg/l /48 h.

Algeal toxicity: Chlorella vulgaris IC_{50}: 530 mg/l /24 h.

Bacterial toxicity: Ps.putida EC_{10}: 168 mg/l.

The literature data available to us do not conform with the labelling prescribed by the EC. The EC has dossiers which have not been published.

Further ecologic data:
Degradability:
BOD 71 % from TOD /5 d; COD 19 % from TOD; TOD: 3.10 g/g.
Do not allow to enter waters, waste water, or soil!

13. Disposal considerations

Product:

Chemicals must be disposed of in compliance with the respective national regulations. Under www.retrologistik.de you will find country- and substance-specific information as well as contact partners.

Packaging:

Merck product packaging must be disposed of in compliance with the country-specific regulations or must be passed to a packaging return system. Under www.retrologistik.de you will find special information on the respective national conditions as well as contact partners.

14. Transport information

Road & Rail ADR, RID
UN 1114 BENZEN, 3, II

Inland waterway ADN, ADNR not tested

Sea IMDG-Code

UN 1114 BENZENE, 3, II

Ems F-E S-D

Air CAO, PAX
BENZENE, 3, UN 1114, II

The transport regulations are cited according to international regulations and in the form applicable in Germany. Possible national deviations in other countries are not considered.

15. Regulatory information

Labelling according to EC Directives

Symbol:	T	Toxic
	F	Highly flammable
R-phrases:	45-46-11-36/38-48/23/24/25-65	
		May cause cancer. May cause heritable genetic damage. Highly flammable. Irritating to eyes and skin. Toxic: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed. Harmful: may cause lung damage if swallowed.
S-phrases:	53-45	Avoid exposure - obtain special instructions before use. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
EC-No.:	200-753-7	EC label

Reduced labelling (1999/45/EC,Art.10,4)

Symbol:	T	Toxic
	F	Highly flammable
R-phrases:	45-46-48/23/24/25-65	May cause cancer. May cause heritable genetic damage. Toxic: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed. Harmful: may cause lung damage if swallowed.
S-phrases:	53-45	Avoid exposure - obtain special instructions before use. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

16. Other information

Reason for alteration
Chapter 8: specific control parameter.
Chapter 15: labelling.

General update.

Regional representation:

This information is given on the authorised Safety Data Sheet for your country.

Safety Data Sheet

According to EC Directive 91/155/EEC

Date of issue: 28.02.2006

Supersedes edition of 20.08.2004

1. Identification of the substance/preparation and of the company/undertaking

Identification of the product

Catalogue No.: 100955

Product name: 1,2-Dichloroethane extra pure

Use of the substance/preparation

Chemical production

Company/undertaking identification

Company: Merck KGaA * 64271 Darmstadt * Germany * Phone: +49 6151 72-0

Emergency telephone No.: Please contact the regional Merck representation in your country.

2. Composition/information on ingredients

Synonyms

Ethylene chloride, Ethylene dichloride

CAS-No.:	107-06-2	EC-Index-No.:	602-012-00-7
M:	98.97 g/mol	EC-No.:	203-458-1
Formula Hill:	$C_2H_4Cl_2$		
Chemical formula:	$ClCH_2CH_2Cl$		

3. Hazards identification

May cause cancer. Highly flammable. Also harmful if swallowed. Irritating to eyes, respiratory system and skin.

Restricted to professional users. Attention -

Avoid exposure - obtain special instructions before use.

4. First aid measures

First-aid personnel: ensure self-protection!

After inhalation: fresh air.
If breathing stops: immediately apply mechanical ventilation, if necessary oxygen mask. Immediately call in physician.

After skin contact: wash off with plenty of water. Dab with polyethylene glycol 400. Immediately remove contaminated clothing.

After eye contact: rinse out with plenty of water with the eyelid held wide open. Call in ophtalmologist.

After swallowing: immediately make victim drink plenty of water. Subsequently administer: activated charcoal (20 - 40 g in 10% slurry). Laxative: Sodium sulfate (1 tablespoon/1/4 l water). Immediately call in physician.

Indications for the doctor: Gastric lavage. No milk. No castor oil. No alcohol.

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5. Fire-fighting measures

Suitable extinguishing media:
powder, foam, water.

Special risks:
Combustible. Vapours heavier than air.
Forms explosive mixtures with air at ambient temperatures. Beware of backfiring.

Development of hazardous combustion gases or vapours possible in the event of fire. The following may develop in event of fire: hydrochloric acid.

Special protective equipment for fire fighting:

Do not stay in dangerous zone without self-contained breathing apparatus. In order to avoid contact with skin, keep a safety distance and wear suitable protective clothing.

Other information:

Contain escaping vapours with water. Prevent fire-fighting water from entering surface water or groundwater. Cool container with spray water from a save distance.

6. Accidental release measures

Person-related precautionary measures:
Do not inhale vapours/aerosols. Avoid substance contact. Ensure supply of fresh air in enclosed rooms.

Environmental-protection measures:
Do not allow to enter sewerage system; risk of explosion!

Procedures for cleaning / absorption:
Take up with liquid-absorbent material (e.g. Chemizorb®). Forward for disposal. Clean up affected area.

7. Handling and storage

Handling:

Notes for prevention of fire and explosion:
Keep away from sources of ignition. Take measures to prevent electrostatic charging.

Notes for safe handling:
Work under hood . Do not inhale substance. Avoid generation of vapours/aerosols.

Storage:

Tightly closed in a well-ventilated place, away from sources of ignition and heat. Storage temperature: no restrictions.

Accessible only for authorized persons.

8. Exposure controls/personal protection

Specific control parameter

EC

Name	1,2-Dichloroethane
Carcinogenic	C 2:should be regarded as if it is carcinogenic to man

Personal protective equipment:

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Respiratory protection:	required when vapours/aerosols are generated. Filter A (acc. to DIN 3181) for vapours of organic compounds		
Eye protection:	required		
Hand protection:	In full contact:		
	Glove material:	viton	
	Layer thickness:	0.70	mm
	Breakthrough time:	>480	Min.
	In splash contact:		
	Glove material:	polychloroprene	
	Layer thickness:	0.65	mm
	Breakthrough time:	> 10	Min.

The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN374, for example KCL 890 Vitoject® (full contact), 720 Camapren® (splash contact). The breakthrough times stated above were determined by KCL in laboratory tests acc. to EN374 with samples of the recommended glove types.

This recommendation applies only to the product stated in the safety data sheet and supplied by us as well as to the purpose specified by us. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell,)

Other protective equipment: Flame-proof protective clothing.

Antistatic protective clothing

Industrial hygiene:

Immediately change contaminated clothing. Apply skin- protective barrier cream. Wash hands and face after working with substance. Under no circumstances eat or drink at workplace. Work under hood . Do not inhale substance.

9. Physical and chemical properties

Form:	liquid				
Colour:	colourless				
Odour:	of solvents				
pH value	not available				
Viscosity dynamic		(20 ˚C)	0.82-0.84	mPa*s	
Melting point			-35.5	˚C	
Boiling point		(1013 hPa)	83.5-84.1	˚C	
Ignition temperature			412.6-440	˚C	
Flash point			13	˚C	c.c.
Explosion limits	lower		6	Vol%	
	upper		11.4	Vol%	
Vapour pressure		(20 ˚C)	87	hPa	
Relative vapour density	3.4				

Density	(20 °C)	1.25	g/cm^3
Solubility in water	(20 °C)	8.7	g/l
log Pow		1.45	(OECD 107)
Evaporation rate		4.1	

10. Stability and reactivity

Conditions to be avoided

Warming.

Substances to be avoided

Risk of explosion with: / Exothermic reaction with: alkali metals, alkaline earth metals, aluminium in powder form, alkali amides, nitric acid, nitrogen oxides, oxidizing agent, chlorine, metals in powder form.

Hazardous decomposition products
in the event of fire: See chapter 5.

Further information

light-sensitive;
Solvent for: fats, resines.
unsuitable working materials: various plastics, light metals.
Explosible with air in a vaporous/gaseous state.

11. Toxicological information

Acute toxicity

LC_{50} (inhalation, rat): 7.2 mg/l /4 h (RTECS).
LD_{50} (dermal, rabbit): 2800 mg/kg (RTECS).
LD_{50} (oral, rat): 670 mg/kg (RTECS).

Specific symptoms in animal studies:

Eye irritation test (rabbit): Severe irritations (RTECS).
Skin irritation test (rabbit): Slight irritations (RTECS).

Subacute to chronic toxicity

Animal experiments performed under conditions comparable with the workplace situation have shown the substance to be carcinogenic.

Bacterial mutagenicity: Salmonella typhimurium: positive. (National Toxicology Program)

Further toxicological information

After inhalation: Irritations of the mucous membranes, coughing, and dyspnoea.
After skin contact: Irritations. Danger of skin absorption.
After eye contact: Severe irritations.
After swallowing: irritations of mucous membranes in the mouth, pharynx, oesophagus and gastrointestinal tract.

Systemic effects: CNS disorders, dizziness, headache, tiredness, coma, respiratory paralysis, death.
Absorption may result in damage of the following: liver, kidneys.

Further data

This substance should be handled with particular care.

12. Ecological information

Behavior in environmental compartments: Distribution: log Pow: 1.45 (OECD 107).

No appreciable bioaccumulation potential is to be expected (log Pow 1-3).
Henry constant: 149 Pa*m^3/mol (experimental) (IUCLID) (volatile).
Concentration in organisms is not to be expected.

Ecotoxic effects:
Biological effects:
Fish toxicity: P.promelas LC_{50}: 116 mg/l /96 h (in soft water) (IUCLID).
Daphnia toxicity: Daphnia magna EC_{50}: 155 mg/l /48 h (in soft water) (IUCLID).
Algeal toxicity:
Maximum permissible toxic concentration: Desmodesmus subspicatus IC_5: 412 mg/l /7 d (IUCLID).
Bacterial toxicity:
Maximum permissible toxic concentration: Ps.putida EC_5: 135 mg/l /16 h (IUCLID).

Further ecologic data:

Do not allow to enter waters, waste water, or soil!

13. Disposal considerations

Product:

Chemicals must be disposed of in compliance with the respective national regulations. Under www.retrologistik.de you will find country- and substance-specific information as well as contact partners.

Packaging:

Merck product packaging must be disposed of in compliance with the country-specific regulations or must be passed to a packaging return system. Under www.retrologistik.de you will find special information on the respective national conditions as well as contact partners.

14. Transport information

Road & Rail ADR, RID

UN 1184 ETHYLENDICHLORID, 3 (6.1), II

Inland waterway ADN, ADNR not tested

Sea IMDG-Code

UN 1184 ETHYLENE DICHLORIDE, 3 (6.1), II
Ems F-E S-D

Air CAO, PAX

UN 1184 ETHYLENE DICHLORIDE, 3 (6.1), II

The transport regulations are cited according to international regulations and in the form applicable in Germany . Possible national deviations in other countries are not considered.

15. Regulatory information

Labelling according to EC Directives

Symbol:	T	Toxic
	F	Highly flammable
R-phrases:	45-11-22-36/37/38	May cause cancer. Highly flammable. Also harmful if swallowed. Irritating to eyes, respiratory system and skin.
S-phrases:	53-45	Avoid exposure - obtain special instructions before use. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
EC-No.:	203-458-1	EC label

Reduced labelling (1999/45/EC,Art.10,4)

Symbol:	T	Toxic
	F	Highly flammable
R-phrases:	45-22	May cause cancer. Also harmful if swallowed.
S-phrases:	53-45	Avoid exposure - obtain special instructions before use. In case of accident or if you feel unwell,seek medical advice immediately (show the label where possible).

16. Other information

Reason for alteration
Chapter 8: personal protective equipment.
Chapter 10: stability and reactivity.
Chapter 11: toxicological information.
Chapter 12: ecological information.

General update.

Regional representation:

This information is given on the authorised Safety Data Sheet for your country.

Safety Data Sheet

According to EC Directive 91/155/EEC

Date of issue: 13.02.2006

Supersedes edition of 05.10.2004

1. Identification of the substance/preparation and of the company/undertaking

Identification of the product

Catalogue No.: 102222

Product name: Carbon tetrachloride GR for analysis

Use of the substance/preparation

Reagent for analysis

Company/undertaking identification

Company: Merck KGaA * 64271 Darmstadt * Germany * Phone: +49 6151 72-0

Emergency telephone No.: Please contact the regional Merck representation in your country.

2. Composition/information on ingredients

Synonyms

Tetrachloromethane

CAS-No.:	56-23-5	EC-Index-No.:	602-008-00-5
M:	153.82 g/mol	EC-No.:	200-262-8
Formula Hill:	CCl_4		

3. Hazards identification

Toxic by inhalation, in contact with skin and if swallowed. Limited evidence of a carcinogenic effect. Toxic: danger of serious damage to health by prolonged exposure through inhalation. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Dangerous for the ozone layer.

4. First aid measures

First-aid personnel: ensure self-protection!

After inhalation: fresh air.
If breathing stops: immediately apply mechanical ventilation, if necessary oxygen mask. Immediately call in physician.
After skin contact: wash off with plenty of water. Remove contaminated clothing. Immediately call in physician.
After eye contact: rinse out with plenty of water with the eyelid held wide open. Call in ophtalmologist.
After swallowing: caution if victim vomits. Risk of aspiration! Keep airways free. Immediately call in physician.

5. Fire-fighting measures

Suitable extinguishing media:

In adaption to materials stored in the immediate neighbourhood.

Special risks:

Non-combustible. Vapours heavier than air. Ambient fire may liberate hazardous vapours. The following may develop in event of fire: hydrochloric acid, phosgene.
Special protective equipment for fire fighting:

Do not stay in dangerous zone without self-contained breathing apparatus. In order to avoid contact with skin, keep a safety distance and wear suitable protective clothing.

Other information:

Cool container with spray water from a save distance. Contain escaping vapours with water. Prevent fire-fighting water from entering surface water or groundwater.

6. Accidental release measures

Person-related precautionary measures:

Do not inhale vapours/aerosols. Avoid substance contact. Ensure supply of fresh air in enclosed rooms.

Environmental-protection measures:
Do not allow to enter sewerage system.

Procedures for cleaning / absorption:

Take up with liquid-absorbent material (e.g. Chemizorb®). Forward for disposal. Clean up affected area. Do not inhale vapours.

7. Handling and storage

Handling:

Notes for safe handling:

Work under hood . Do not inhale substance. Avoid generation of vapours/aerosols.

Storage:

Tightly closed in a well-ventilated place. Accesible only for authorised persons. Storage temperature: no restrictions.

8. Exposure controls/personal protection

Specific control parameter

EC

Name	Carbon tetrachloride
Carcinogenic	C 3:owing possible carcinogenic effects for man

Personal protective equipment:

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Respiratory protection:	required when vapours/aerosols are generated. Filter A (acc. to DIN 3181) for vapours of organic compounds.	
Eye protection:	required	
Hand protection:	In full contact:	
	Glove material:	viton
	Layer thickness:	0.70mm
	Breakthrough time:	>480Min.
	In splash contact:	
	Glove material:	nitrile rubber
	Layer thickness:	0.40mm
	Breakthrough time:	> 240Min.

The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN374, for example KCL 890 Vitoject® (full contact), 730 Camatril® -Velours (splash contact). The breakthrough times stated above were determined by KCL in laboratory tests acc. to EN374 with samples of the recommended glove types.

This recommendation applies only to the product stated in the safety data sheet and supplied by us as well as to the purpose specified by us. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de).

Industrial hygiene:

Immediately change contaminated clothing. Apply skin- protective barrier cream. Wash hands and face after working with substance. Under no circumstances eat or drink at workplace. Work under hood. Do not inhale substance.

9. Physical and chemical properties

Form:		liquid		
Colour:		colourless		
Odour:		characteristic		
pH value		not available		
Viscosity dynamic		(20 ˚C)	0.96	mPa*s
Viscosity kinematic		(20 ˚C)	0.00061	mm^2/s
Melting point			-23	˚C
Boiling point			76.7	˚C
Ignition temperature			> 982	˚C
Flash point		not applicable		
Explosion limits	lower		not available	
	upper		not available	
Vapour pressure		(20 ˚C)	120	hPa
Relative vapour density			5.3	
Density		(20 ˚C)	1.59	g/cm^3
Solubility in				
water		(20 ˚C)	0.8	g/l
Thermal decomposition			> 100	˚C
log Pow		(23 ˚C)	2.75	(OECD 107)

10. Stability and reactivity

Conditions to be avoided
Strong heating (decomposition).

Substances to be avoided
Risk of explosion with: alkali metals, alkaline earth metals, aluminium in powder form, zinc in powder form, metals in powder form, calcium silicide, fluorine, silanes, silver- perchlorates / chlorates.

Violent reactions possible with: aluminium halides / triethylaluminium, alkali amides, boron triiodide, halogen-halogen compounds, sodium amide, nitrogen dioxide, air / oxygen / heat.

Hazardous decomposition products in the event of fire: See chapter 5.
Further information

unsuitable working materials: various plastics, light metals, metal alloys (iron, copper).

11. Toxicological information

Acute toxicity

LC50 (inhalation, rat): 51.1 mg/l /4 h (RTECS).
LCLo (inhalation, human): 1000 ppm(V) (RTECS).
LD_{50} (dermal, rat): 5070 mg/kg (RTECS).
LD_{50} (oral, rat): 1770 mg/kg (Lit.).

Specific symptoms in animal studies:
Eye irritation test (rabbit): Slight irritations (IUCLID).
Skin irritation test (rabbit): Slight irritations (IUCLID).

The literature data available to us do not conform with the labelling prescribed by the EC. The EC has dossiers which have not been published.

Subacute to chronic toxicity
The carcinogenic potential requires further clarification.

Bacterial mutagenicity: Salmonella typhimurium: positive. (IUCLID)

Further toxicological information
After inhalation: mucosal irritations, headache, nausea, vomiting, dizziness, unconsciousness.
In high concentrations: narcosis, respiratory arrest.
After skin contact: Slight irritations. Danger of skin absorption.
After eye contact: Slight irritations.
After swallowing: gastric pain (bloody diarrhoea), nausea, vomiting, dizziness. After accidental swallowing the substance may pose a risk of aspiration. Passage into the lung (vomiting!) can result in a condition resembling pneumonia (chemical pneumonitis).

After a latency period: Damage of: liver, kidneys.

Further data
This substance should be handled with particular care.

12. Ecological information

Abiotic degradation:
Slow degradation. (air and water).

Biologic degradation:
Slightly biodegradable (DOC or COD reduction <20 %).

Behavior in environmental compartments:
Distribution: log Pow: 2.75 (23 ˚C) (OECD 107).
No appreciable bioaccumulation potential is to be expected (log Pow 1-3).
Ecotoxic effects:
Biological effects: Harmfull effect on aquatic organisms. Hazard for drinking water supplies. Concentration in organisms is not to be expected. May cause long-term adverse effects in the aquatic environment.
Fish toxicity: L.macrochirus LC_{50}: 27 mg/l /96 h (IUCLID).
Daphnia toxicity: Daphnia magna EC_{50}: 29 mg/l /48 h (IUCLID).
Bacterial toxicity: Photobacterium phosphoreum EC_{50}: 5.6 mg/l /5 min (Lit.).
Maximum permissible toxic concentration:
Algeal toxicity: M.aeruginosa IC_5: 105 mg/l /8 d (IUCLID).

Further ecologic data:
Substance which may present a danger to the structure and/or the functioning of the stratospheric ozone layer according to EC Regulation No 2037/2000 (listed in Annex I, Group IV).

Do not allow to enter waters, waste water, or soil!

13. Disposal considerations

Product:

Chemicals must be disposed of in compliance with the respective national regulations. Under www.retrologistik.de you will find country- and substance-specific information as well as contact partners.

Packaging:
Merck product packaging must be disposed of in compliance with the country-specific regulations or must be passed to a packaging return system. Under www.retrologistik.de you will find special information on the respective national conditions as well as contact partners.

14. Transport information

Road & Rail ADR, RID
UN 1846 TETRACHLORKOHLENSTOFF, 6.1, II
Inland waterway ADN, ADNR not tested

Sea IMDG-Code
UN 1846 CARBON TETRACHLORIDE, 6.1, II , Marine Pollutant: P
Ems F-A S-A

Air CAO, PAX
UN 1846 CARBON TETRACHLORIDE, 6.1, II
The transport regulations are cited according to international regulations and in the form applicable in Germany. Possible national deviations in other countries are not considered.

15. Regulatory information

Labelling according to EC Directives

Symbol:	T	Toxic
	N	Dangerous for the environment
R-phrases:	23/24/25-40-48/23-52/53-59	
	Toxic by inhalation, in contact with skin and if swallowed. Limited evidence of a carcinogenic effect. Toxic: danger of serious damage to health by prolonged exposure through inhalation. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Dangerous for the ozone layer.	
S-phrases:	23-36/37-45-59-61	
	Do not breathe vapour. Wear suitable protective clothing and gloves. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Refer to manufacturer/supplier for information on recovery/recycling. Avoid release to the environment. Refer to special instructions/Safety data sheets.	
EC-No.:	200-262-8	EC label
Additional labelling	Only to be used in industrial processes. For use in research and analysis.	

Reduced labelling (1999/45/EC,Art.10,4)

Symbol:	T	Toxic
	N	Dangerous for the environment
R-phrases:	23/24/25-40-48/23-52/53	
	Toxic by inhalation, in contact with skin and if swallowed. Limited evidence of a carcinogenic effect. Toxic: danger of serious damage to health by prolonged exposure through inhalation. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.	
S-phrases:	36/37-45-59	
	Wear suitable protective clothing and gloves. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Refer to manufacturer/supplier for information on recovery/recycling.	

16. Other information

Reason for alteration

Chapter 9: change/addition in physical/chemical proprties.
Chapter 10: stability and reactivity.
Chapter 15: labelling.

General update.

Regional representation:

This information is given on the authorised Safety Data Sheet for your country.

Safety Data Sheet

According to EC Directive 91/155/EEC

Date of issue: 16.09.2005

Supersedes edition of 05.10.2004

1. Identification of the substance/preparation and of the company/undertaking

Identification of the product

Catalogue No.: 822265
Product name: Chloroform (stabilized) for synthesis

Use of the substance/preparation
Chemical for synthesis

Company/undertaking identification
Company: Merck Schuchardt OHG * 85662 Hohenbrunn * Germany *
Tel: +49 8102/802-0

Emergency telephone No.:Please contact the regional Merck representation in your country.

2. Composition/information on ingredients

Synonyms
Trichloromethane

CAS-No.:	67-66-3	EC-Index-No.:	602-006-00-4
M:	119.38 g/mol	EC-No.:	200-663-8
Formula Hill:	$CHCl_3$		

3. Hazards identification

Harmful if swallowed. Irritating to skin. Limited evidence of a carcinogenic effect. Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.

4. First aid measures

After inhalation: fresh air.
If breathing stops: mouth-to-mouth respiration or mechanical ventilation. Oxygen mask if necessary! Immediately call in physician.
After skin contact: wash off with plenty of water. Remove contaminated clothing.
After eye contact: rinse out with plenty of water with the eyelid held wide open. Call in ophtalmologist if necessary.
After swallowing: caution if victim vomits. Risk of aspiration! Keep airways free.
Immediately call in physician.

Laxative: Sodium sulfate (1 tablespoon/1/4 l water). Subsequently administer: activated charcoal (20 - 40 g in 10% slurry).

In case of spontaneous vomiting: Risk of aspiration. Pulmonary failure possible. Call in physician.

5. Fire-fighting measures

Suitable extinguishing media:

In adaption to materials stored in the immediate neighbourhood.

Special risks:

Non-combustible. Ambient fire may liberate hazardous vapours. The following may develop in event of fire: hydrochloric acid.

Special protective equipment for fire fighting:

Do not stay in dangerous zone without self-contained breathing apparatus.
In order to avoid contact with skin, keep a safety distance and wear suitable protective clothing.

Other information:

Contain escaping vapours with water. Prevent fire-fighting water from entering surface water or groundwater.

6. Accidental release measures

Person-related precautionary measures:
Do not inhale vapours/aerosols. Avoid substance contact. Ensure supply of fresh air in enclosed rooms.
Environmental-protection measures:
Do not allow to enter sewerage system.

Procedures for cleaning / absorption:
Take up with liquid-absorbent material (e.g. Chemizorb®). Forward for disposal. Clean up affected area. Do not inhale vapours.

7. Handling and storage *Handling:*

Notes for safe handling:
Work under hood . Do not inhale substance. Avoid generation of vapours/aerosols.

Improper storage for a longer period may lead to the formation of phosphen due to the escape of stabilizer.

Storage:

Tightly closed. At +15˚C to +25˚C.

8. Exposure controls/personal protection *Specific control parameter*

EC

Name	Chloroform
Value	2 ml/m^3
	10 mg/m^3
Carcinogenic	C 3:owing possible carcinogenic effects for man
Skin resorption	Risk of skin absorption

Personal protective equipment:

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Respiratory protection: required when vapours/aerosols are generated. Filter AX (EN 371).

Eye protection: required

Hand protection: In full contact:

Glove material:	viton
Layer thickness	0.70 mm
Breakthrough time	>480min

In splash contact:

Glove material:	butyl rubber
Layer thickness	0.7 mm
Breakthrough time	>10 min

The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resultant standard EN374, for example KCL 890 Vitoject® (full contact), 898 Butoject® (splash contact). The breakthrough times stated above were determined by KCL in laboratory tests acc. to EN374 with samples of the recommended glove types.

This recommendation applies only to the product stated in the safety data sheet and supplied by us as well as to the purpose specified by us. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN374 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de).

Industrial hygiene:

Immediately change contaminated clothing. Apply skin- protective barrier cream. Wash hands and face after working with substance. Work under hood. Do not inhale substance.

9. Physical and chemical properties

Form:	liquid			
Colour:	colourless			
Odour:	characteristic			
pH value	not available			
Viscosity dynamic		(20 ˚C)	0.56	mPa*s
Melting point			-63	˚C
Boiling point		(1013 hPa)	61	˚C
Ignition temperature	not combustible			
Flash point	not flammable			
Explosion limits	lower		not applicable	
	upper		not applicable	
Vapour pressure		(20 ˚C)	213	hPa
Relative vapour density			4.25	
Density		(20 ˚C)	1.47	g/cm^3
Solubility in water		(20 ˚C)	8	g/l
log Pow		(25 ˚C)	2	(experimental) (IUCLID)

10. Stability and reactivity

Conditions to be avoided
Strong heating.

Substances to be avoided

alkali metals, alkaline earth metals, metals (in powder form), peroxi compounds, fluorine, alcoholates, strong alkalis, ketones / alkalis, alkali hydroxides / alcohols, organic nitro compounds, alkali amides, oxygen, oxygen / alkalis, nitrogen oxides, nonmetallic hydrogen compounds, bis(dimethylamino)dimethyl tin, amines, ammonia, alcohols / strong alkalis, phosphines.

Hazardous decomposition products in the event of fire: See chapter 5.

Stabilizer
2-methyl-2-butene (amylene).

Further information
heat-sensitive, light-sensitive.

11.Toxicological information

Acute toxicity

LC_{50} (inhalation, rat): 47.7 mg/l /4 h (IUCLID).
LCLo (inhalation, human): 25000 ppm(V) /5 min (RTECS).
LD_{50} (oral, rat): 908 mg/kg (HSDB).

Specific symptoms in animal studies:
Eye irritation test (rabbit): Slight irritations (IUCLID).
Skin irritation test (rabbit): Slight irritations (IUCLID).

The literature data available to us do not conform with the labelling prescribed by the EC. The EC has dossiers which have not been published.

Subacute to chronic toxicity

The carcinogenic potential requires further clarification.

Bacterial mutagenicity: Ames test: negative. (IUCLID)

Further toxicological information
After inhalation of vapours: coughing, dyspnoea, absorption.
After skin contact: Irritations. Drying-out effect resulting in rough and chapped skin. Danger of skin absorption.
After eye contact: Slight irritations.
After swallowing: nausea, vomiting, absorption. After accidental swallowing the substance may pose a risk of aspiration. Passage into the lung (vomiting!) can result in a condition resembling pneumonia (chemical pneumonitis).
Systemic effects:
After absorption: agitation, spasms, narcosis.

After long-term exposure to the chemical: drop in blood pressure, headache, ataxia (impaired locomotor coordination), gastrointestinal complaints, cardiovascular disorders. Damage of: liver, kidneys, heart.
Effect potentiated by: ethanol

Further data

The product should be handled with the care usual when dealing with chemicals.

12. Ecological information

Biologic degradation: Not degradable in water.

Behavior in environmental compartments:
Distribution: log Pow: 2 (25 ˚C) (experimental) (IUCLID);
No appreciable bioaccumulation potential is to be expected (log Pow 1-3).
Distribution preferentially in air. Henry constant: 14084 Pa*m^3/mol (experimental) (IUCLID).

Ecotoxic effects:
Biological effects: Harmfull effect on aquatic organisms. Endangers drinking-water supplies if allowed to enter soil and/or waters in large quantities.

Fish toxicity: L.macrochirus LC_{50}: 18 mg/l /96 h (IUCLID).
Daphnia toxicity: Daphnia magna EC_{50}: 79 mg/l /48 h (IUCLID).
Bacterial toxicity: activated sludge EC_{50}: 1010 mg/l /3 h (OECD 209); Maximum permissible toxic concentration: Ps.putida EC_5: 125 mg/l /16 h (IUCLID).
Algeal toxicity: Maximum permissible toxic concentration: Sc.quadricauda IC_5: 1100 mg/l /8 d (IUCLID).

Protozoa: Maximum permissible toxic concentration: E.sulcatum EC_5: >6560 mg/l /72 h (IUCLID).

Further ecologic data:
Do not allow to enter waters, waste water, or soil!

13. Disposal considerations

Product:

Chemicals must be disposed of in compliance with the respective national regulations. Under www.retrologistik.de you will find country- and substance-specific information as well as contact partners.

Packaging:

Merck product packaging must be disposed of in compliance with the country-specific regulations or must be passed to a packaging return system. Under www.retrologistik.de you will find special information on the respective national conditions as well as contact partners.

14. Transport information

Road & Rail ADR, RID

UN 1888 CHLOROFORM, 6.1, III
Inland waterway ADN, ADNR not tested

Sea IMDG-Code

UN 1888 CHLOROFORM, 6.1, III
Ems F-A S-A

Air CAO, PAX
UN 1888 CHLOROFORM, 6.1, III

The transport regulations are cited according to international regulations and in the form applicable in Germany. Possible national deviations in other countries are not considered.

15. Regulatory information

Labelling according to EC Directives

Symbol:	Xn	Harmful
R-phrases:	22-38-40-48/20/22	Harmful if swallowed. Irritating to skin. Limited evidence of a carcinogenic effect. Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
S-phrases:	36/37	Wear suitable protective clothing and gloves.
EC-No.:	200-663-8	EC label

Reduced labelling (1999/45/EC,Art.10,4)

Symbol:	Xn	Harmful
R-phrases:	22-40-48/20/22	Harmful if swallowed. Limited evidence of a carcinogenic effect. Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
S-phrases:	36/37	Wear suitable protective clothing and gloves.

16. Other information

Reason for alteration

Chapter 7: handling. General update.

Regional representation:

This information is given on the authorised Safety Data Sheet for your country.

Material Safety Data Sheet

Carbon Monoxide

Section 1. Chemical product and company identification

Product name	Carbon Monoxide
Supplier	AIRGAS INC., on behalf of its subsidiaries 259 North Radnor-Chester Road Suite 100 Radnor, PA 19087-5283 1-610-687-5253
Product use	Synthetic/Analytical chemistry.
Synonym	Carbon oxide (CO); CO; Exhaust Gas; Flue gas; Carbonic oxide; Carbon oxide; Carbone; Carbonio; Kohlenmonoxid; Kohlenoxyd; Koolmonoxyde; NA 9202; Oxyde de carbone; UN 1016; Wegla tlenek; Flue gasnide; Carbon monooxide
MSDS #	001014
Date of Preparation/Revision	**12/3/2012.**
In case of emergency	**:** 1-866-734-3438

Section 2. Hazards identification

Physical state	Gas. [[COLORLESS GAS, MAY BE A LIQUID AT LOW TEMPERATURE OR HIGH PRESSURE.]]
Emergency overview	**:** WARNING! FLAMMABLE GAS. MAY CAUSE FLASH FIRE. MAY BE FATAL IF INHALED. MAY CAUSE TARGET ORGAN DAMAGE, BASED ON ANIMAL DATA. CONTENTS UNDER PRESSURE. Keep away from heat, sparks and flame. Do not puncture or incinerate container. Avoid breathing gas. May cause target organ damage, based on animal data. Use only with adequate ventilation. Keep container closed. Contact with rapidly expanding gases can cause frostbite.
Target organs	May cause damage to the following organs: blood, lungs, the nervous system, heart, cardiovascular system, central nervous system (CNS).

Routes of entry	**:** Inhalation
Potential acute health effects	
Eyes	Contact with rapidly expanding gas may cause burns or frostbite.
Skin	Contact with rapidly expanding gas may cause burns or frostbite.
Inhalation	Toxic by inhalation.
Ingestion	Ingestion is not a normal route of exposure for gases
Potential chronic health effects	
Chronic effects	May cause target organ damage, based on animal data.
Target organs	May cause damage to the following organs: blood, lungs, the nervous system, heart, cardiovascular system, central nervous system (CNS).
Medical conditions aggravated by over-exposure	Pre-existing disorders involving any target organs mentioned in this MSDS as being at risk may be aggravated by over-exposure to this product.

See toxicological information (Section 11)

Section 3. Composition, Information on Ingredients

Name	CAS number	% Volume	Exposure limits
Carbon Monoxide	630-08-0	100	**ACGIH TLV (United States, 2/2010).** TWA: 29 mg/m³ 8 hour(s). TWA: 25 ppm 8 hour(s). **NIOSH REL (United States, 6/2009).** CEIL: 229 mg/m³ CEIL: 200 ppm TWA: 40 mg/m³ 10 hour(s). TWA: 35 ppm 10 hour(s). **OSHA PEL (United States, 6/2010).** TWA: 55 mg/m³ 8 hour(s). TWA: 50 ppm 8 hour(s). **OSHA PEL 1989 (United States, 3/1989).** CEIL: 229 mg/m³ CEIL: 200 ppm TWA: 40 mg/m³ 8 hour(s). TWA: 35 ppm 8 hour(s).

Section 4. First aid measures

No action shall be taken involving any personal risk or without suitable training.If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus.It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Eye contact : Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

Skin contact : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. To avoid the risk of static discharges and gas ignition, soak contaminated clothing thoroughly with water before removing it. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.

Frostbite : Try to warm up the frozen tissues and seek medical attention.

Inhalation : Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

Ingestion : As this product is a gas, refer to the inhalation section.

Section 5. Fire-fighting measures

Flammability of the product: Flammable.

Auto-ignition temperature : 605°C (1121°F)

Flammable limits : Lower: 12.5% Upper: 74.2%

Products of combustion : Decomposition products may include the following materials carbon dioxide carbon monoxide

Fire hazards in the presence of various substances Extremely flammable in the presence of the following materials or conditions: open flames, sparks and static discharge and oxidizing materials.

Fire-fighting media and instructions : In case of fire, use water spray (fog), foam or dry chemical.

In case of fire, allow gas to burn if flow cannot be shut off immediately. Apply water from a safe distance to cool container and protect surrounding area. If involved in fire, shut off flow immediately if it can be done without risk.

Contains gas under pressure. Flammable gas. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions	Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (section 8). Shut off gas supply if this can be done safely. Isolate area until gas has dispersed.
Environmental precautions	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Methods for cleaning up	Immediately contact emergency personnel. Stop leak if without risk. Use spark-proof tools and explosion-proof equipment. Note: see section 1 for emergency contact information and section 13 for waste disposal.

Section 7. Handling and storage

Handling	Use only with adequate ventilation. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. High pressure gas. Do not puncture or incinerate container. Use equipment rated for cylinder pressure. Close valve after each use and when empty. Keep container closed. Keep away from heat, sparks and flame. To avoid fire, eliminate ignition sources. Protect cylinders from physical damage; do not drag, roll, slide, or drop. Use a suitable hand truck for cylinder movement.
Storage	Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Segregate from oxidizing materials. Cylinders should be stored upright, with valve protection cap in place, and firmly secured to prevent falling or being knocked over. Cylinder temperature should not exceed 52 °C (125 °F).

Section 8. Exposure controls/personal protection

Engineering controls	Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
Personal protection **Eyes**	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.
Skin	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory	Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. The applicable standards are (US) 29 CFR 1910.134 and (Canada) Z94.4-93

Hands	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Personal protection in case of a large spill	Self-contained breathing apparatus (SCBA) should be used to avoid inhalation of the product. Full chemical-resistant suit and self-contained breathing apparatus should be worn only by trained and authorized persons.

Product name

carbon monoxide

ACGIH TLV (United States, 2/2010).

TWA: 29 mg/m³ 8 hour(s).

TWA: 25 ppm 8 hour(s).

NIOSH REL (United States, 6/2009).

CEIL: 229 mg/m³

CEIL: 200 ppm

TWA: 40 mg/m³ 10 hour(s).

TWA: 35 ppm 10 hour(s).

OSHA PEL (United States, 6/2010).

TWA: 55 mg/m³ 8 hour(s).

TWA: 50 ppm 8 hour(s).

OSHA PEL 1989 (United States, 3/1989).

CEIL: 229 mg/m³

CEIL: 200 ppm

TWA: 40 mg/m³ 8 hour(s).

TWA: 35 ppm 8 hour(s).

Consult local authorities for acceptable exposure limits.

Section 9. Physical and chemical properties

Molecular weight	28.01 g/mole
Molecular formula	C-O
Boiling/condensation point	-191°C (-311.8°F)
Melting/freezing point	-205°C (-337°F)
Critical temperature	-140.1°C (-220.2°F)
Vapor density	0.97 (Air = 1)
Specific Volume (ft^3/lb)	13.8889
Gas Density (lb/ft^3)	0.072

Section 10. Stability and reactivity

Stability and reactivity	The product is stable.
Incompatibility with various substances	Extremely reactive or incompatible with the following materials: oxidizing materials.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hazardous polymerization	Under normal conditions of storage and use, hazardous polymerization will not occur.

Section 11. Toxicological information

Toxicity data

Product/ingredient name	Result	Species	Dose	Exposure
carbon monoxide	TDLo Intraperitoneal	Rat	35 mL/kg	-
	LC50 Inhalation Vapor	Rat	13500 mg/m3	15 minutes
	LC50 Inhalation Vapor	Rat	1900 mg/m3	4 hours
	LC50 Inhalation Gas.	Rat	6600 ppm	30 minutes
	LC50 Inhalation Gas.	Rat	3760 ppm	1 hours

	LC50 Inhalation Gas.	Mouse	2444 ppm	4 hours
	LC50 Inhalation Gas.	Rat	1807 ppm	4 hours
IDLH	1200 ppm			
Chronic effects on humans	**TERATOGENIC EFFECTS**: Classified 1 by European Union. May cause damage to the following organs: blood, lungs, the nervous system, heart, cardiovascular system, central nervous system (CNS).			
Other toxic effects on humans	No specific information is available in our database regarding the other toxic effects of this material to humans.			
Specific effects				
Carcinogenic effects	No known significant effects or critical hazards.			
Mutagenic effects	No known significant effects or critical hazards.			
Reproduction toxicity	No known significant effects or critical hazards.			

Section 12. Ecological information

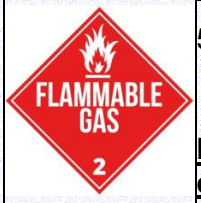
Aquatic ecotoxicity	
Not available.	
Products of degradation	**:** Products of degradation: carbon oxides (CO, CO2).
Environmental fate	**:** Not available.
Environmental hazards	**:** No known significant effects or critical hazards.
Toxicity to the environment	**:** Not available.

Section 13. Disposal considerations

Product removed from the cylinder must be disposed of in accordance with appropriate Federal, State, local regulation.Return cylinders with residual product to Airgas, Inc.Do not dispose of locally.

Section 14. Transport information

Regulatory information	**UN number**	**Proper shipping name**	**Class**	**Packing group**	**Label**	**Additional information**
DOT Classification	UN1016	CARBON MONOXIDE, COMPRESSED	2.3	Not applicable (gas).	 	Inhalation hazard zone D **Limited quantity** Yes. **Packaging Instruction** **Passenger aircraft** Quantity limitation: Forbidden

						Cargo aircraft Quantity limitation: Forbidden **<u>Special provision</u>** **4**
TDG Classification	UN1016	CARBON MONOXIDE, COMPRESSED	2.3	Not applicable (gas).	 	**<u>Explosive limit and Limited quantity Index</u>** 0 **<u>ERAP Index</u>** 500 **<u>Passenger carrying ship Index</u>** Forbidden **<u>Passenger carrying Road or Rail Index</u>** Forbidden
Mexico Classification	UN1016	CARBON MONOXIDE, COMPRESSED	2.3	Not applicable (gas).	 	**-**

“Refer to CFR 49 (or authority having jurisdiction) to determine the information required for shipment of the product.”

Section 15. Regulatory information

United States	
U.S. Federal regulations	**TSCA 8(a) IUR**: Not determined **United States inventory (TSCA 8b)**: This material is listed or exempted. **SARA 302/304/311/312 extremely hazardous substances**: No products were found. **SARA 302/304 emergency planning and notification**: No products were found. **SARA 302/304/311/312 hazardous chemicals**: carbon monoxide **SARA 311/312 MSDS distribution - chemical inventory - hazard identification**: carbon monoxide: Fire hazard, Sudden release of pressure, Immediate (acute) health hazard, Delayed (chronic) health hazard
State regulations	: **Connecticut Carcinogen Reporting**: This material is not listed. **Connecticut Hazardous Material Survey**: This material is not listed. **Florida substances**: This material is not listed. **Illinois Chemical Safety Act**: This material is not listed. **Illinois Toxic Substances Disclosure to Employee Act**: This material is not listed. **Louisiana Reporting**: This material is not listed. **Louisiana Spill**: This material is not listed. **Massachusetts Spill**: This material is not listed. **Massachusetts Substances**: This material is listed. **Michigan Critical Material**: This material is not listed. **Minnesota Hazardous Substances**: This material is not listed. **New Jersey Hazardous Substances**: This material is listed. **New Jersey Spill**: This material is not listed. **New Jersey Toxic Catastrophe Prevention Act**: This material is listed. **New York Acutely Hazardous Substances**: This material is not listed. **New York Toxic Chemical Release Reporting**: This material is not listed. **Pennsylvania RTK Hazardous Substances**: This material is listed. **Rhode Island Hazardous Substances**: This material is not listed.

California Prop. 65	WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.			
Ingredient name	**Cancer**	**Reproductive**	**No significant risk level**	**Maximum acceptable dosage level**
Carbon Monoxide	No.	Yes.	No.	No.

Canada

WHMIS (Canada) : Class A: Compressed gas.
Class B-1: Flammable gas.
Class D-1A: Material causing immediate and serious toxic effects (Very toxic).
Class D-2A: Material causing other toxic effects (Very toxic).

CEPA Toxic substances: This material is not listed.

Canadian ARET: This material is not listed.

Canadian NPRI: This material is listed.

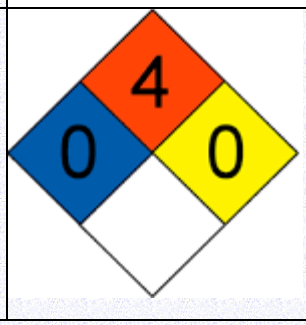
Alberta Designated Substances: This material is not listed.

Ontario Designated Substances: This material is not listed.

Quebec Designated Substances: This material is not listed.

Section 16. Other information

United States

Label requirements	**:** FLAMMABLE GAS. MAY CAUSE FLASH FIRE. MAY BE FATAL IF INHALED. MAY CAUSE TARGET ORGAN DAMAGE, BASED ON ANIMAL DATA. CONTENTS UNDER PRESSURE.
Canada	
Label requirements	Class A: Compressed gas. Class B-1: Flammable gas. Class D-1A: Material causing immediate and serious toxic effects (Very toxic). Class D-2A: Material causing other toxic effects (Very toxic).
Hazardous Material Information System (U.S.A.)	**Health** * 0 **Flammability** 4 **Physical hazards** 0
National Fire Protection Association (U.S.A.)	

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Material Safety Data Sheet

Hydrogen Sulfide

Section 1. Chemical product and company identification

Product name	Hydrogen Sulfide
Supplier	AIRGAS INC., on behalf of its subsidiaries 259 North Radnor-Chester Road Suite 100 Radnor, PA 19087-5283 1-610-687-5253
Product use	Synthetic/Analytical chemistry.
Synonym	Dihydrogen monosulfide; Dihydrogen sulfide; Hydrosulfuric acid; Stink damp; Sulfur hydride; Sulfureted hydrogen; H2S; Sulfuretted hydrogen; Hydrogen-sulphide-; Hydrogen sulfide (H2S); Acide sulfhydrique; Hydrogene sulfure; Idrogeno solforato; Rcra waste number U135; Schwefelwasserstoff; Siarkowodor; UN 1053; Zwavelwaterstof; Hepatic gas; Hepatic acid; Hydrogen monosulfide; Sewer gas; Sour gas; Sulfur hydroxide
MSDS #	001029
Date of	**5/7/2013.**
Preparation/Revision In case of emergency	1-866-734-3438

Section 2. Hazards identification

Physical state : Gas. [COLORLESS LIQUEFIED COMPRESSED GAS WITH A ROTTEN EGG ODOR, BUT ODORLESS AT POISONOUS CONCENTRATIONS. [NOTE: SENSE OF SMELL BECOMES RAPIDLY FATIGUED AND CAN NOT BE RELIED UPON TO WARN OF THE CONTINUOUS PRESENCE OF H2S.]]

Emergency overview: DANGER!

FLAMMABLE GAS. MAY CAUSE FLASH FIRE. MAY BE FATAL IF INHALED. MAY CAUSE EYE AND SKIN IRRITATION. MAY CAUSE TARGET ORGAN DAMAGE, BASED ON ANIMAL DATA. CONTENTS UNDER PRESSURE.

Keep away from heat, sparks and flame. Do not puncture or incinerate container. Do not breathe gas. Avoid contact with eyes, skin and clothing. May cause target organ damage, based on animal data. Use only with adequate ventilation. Wash thoroughly after handling. Keep container closed.

Contact with rapidly expanding gases can cause frostbite.

Target organs : May cause damage to the following organs: lungs, upper respiratory tract, eyes, central nervous system (CNS).

Routes of entry : Inhalation Dermal Eyes

Potential acute health effects

Eyes : Moderately irritating to eyes. Contact with rapidly expanding gas may cause burns or frostbite.

Skin : Moderately irritating to the skin. Contact with rapidly expanding gas may cause burns or frostbite.

Inhalation : Very toxic by inhalation.

Ingestion : Ingestion is not a normal route of exposure for gases

Potential chronic health effects

Chronic effects : Can cause target organ damage.

Target organs : May cause damage to the following organs: lungs, upper respiratory tract, eyes, central nervous system (CNS).

Medical conditions aggravated by over-exposure : Pre-existing disorders involving any target organs mentioned in this MSDS as being at risk may be aggravated by over-exposure to this product.

See toxicological information (Section 11)

Section 3. Composition, Information on Ingredients

Name	CAS number	% Volume	Exposure limits
Hydrogen Sulfide	7783-06-4	100	**ACGIH TLV (United States, 3/2012)** STEL: 5 ppm 15 minute(s). TWA: 1 ppm 8 hour(s). **NIOSH REL (United States, 1/2013).** CEIL: 15 mg/m³ 10 minute(s). CEIL: 10 ppm 10 minute(s). **OSHA PEL 1989 (United States, 3/1989).** STEL: 21 mg/m³ 15 minute(s). STEL: 15 ppm 15 minute(s). TWA: 14 mg/m³ 8 hour(s). TWA: 10 ppm 8 hour(s). **OSHA PEL Z2 (United States, 11/2006).** AMP: 50 ppm 10 minute(s). CEIL: 20 ppm

Section 4. First aid measures

No action shall be taken involving any personal risk or without suitable training.If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus.It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Eye contact : Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

Skin contact : In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. To avoid the risk of static discharges and gas ignition, soak contaminated clothing thoroughly with water before removing it. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.

Frostbite : Try to warm up the frozen tissues and seek medical attention.

Inhalation : Call medical doctor or poison control center immediately. Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

Ingestion : As this product is a gas, refer to the inhalation section.

Section 5. Fire-fighting measures

Flammability of the product : Flammable.

Auto-ignition temperature : 259.85°C (499.7°F)

Flammable limits : Lower: 4% Upper: 44%

Products of combustion : Decomposition products may include the following materials:

sulfur oxides

Fire-fighting media and Instructions : In case of fire, use water spray (fog), foam or dry chemical.

In case of fire, allow gas to burn if flow cannot be shut off immediately. Apply water from a safe distance to cool container and protect surrounding area. If involved in fire, shut off flow immediately if it can be done without risk.

Contains gas under pressure. Flammable gas. In a fire or if heated, a pressure increase will occur, and the container may burst, with the risk of a subsequent explosion.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode

Section 6. Accidental release measures

Personal precautions : Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (section 8). Shut off gas supply if this can be done safely. Isolate area until gas has dispersed.

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Methods for cleaning up : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drain tools and explosion-proof equipment. Note: see section 1 for emergency contact information and section 13 for waste disposal.

Section 7. Handling and storage

Handling	Use only with adequate ventilation. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Wash thoroughly after handling. High pressure gas. Do not puncture or incinerate container. Use equipment rated for cylinder pressure. Close valve after each use and when empty. Keep container closed. Avoid contact with skin and clothing. Avoid contact with eyes. Keep away from heat, sparks and flame. To avoid fire, eliminate ignition sources. Protect cylinders from physical damage; do not drag, roll, slide, or drop. Use a suitable hand truck for cylinder movement.
Storage	Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Segregate from oxidizing materials. Cylinders should be stored upright, with valve protection cap in place, and firmly secured to prevent falling or being knocked over. Cylinder temperatures should not exceed 52 °C (125 °F).

Section 8. Exposure controls/personal protection

Engineering controls	Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
Personal protection **Eyes**	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.
Skin	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory	Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. The applicable standards are (US) 29 CFR 1910.134 and (Canada) Z94.4-93
Hands	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Personal protection in case **of a large spill**	Self-contained breathing apparatus (SCBA) should be used to avoid inhalation of the product. Full chemical-resistant suit and self-contained breathing apparatus should be worn only by trained and authorized persons.

Product name	
hydrogen sulphide	**ACGIH TLV (United States, 3/2012).** STEL: 5 ppm 15 minute(s). TWA: 1 ppm 8 hour(s). **NIOSH REL (United States, 1/2013).** CEIL: 15 mg/m³ 10 minute(s). CEIL: 10 ppm 10 minute(s). **OSHA PEL 1989 (United States, 3/1989).** STEL: 21 mg/m³ 15 minute(s). STEL: 15 ppm 15 minute(s). TWA: 14 mg/m³ 8 hour(s). TWA: 10 ppm 8 hour(s). **OSHA PEL Z2 (United States, 11/2006).** AMP: 50 ppm 10 minute(s). CEIL: 20 ppm

Consult local authorities for acceptable exposure limits.

Section 9. Physical and chemical properties

Molecular weight	34.08 g/mole
Molecular formula	H2-S
Boiling/condensation point	-60°C (-76°F)
Melting/freezing point	-82.8°C (-117°F)
Critical temperature	100.5°C (212.9°F)
Vapor pressure	252 (psig)
Vapor density	1.19 (Air = 1)
Specific Volume (ft^3/lb)	11.236
Gas Density (lb/ft^3)	0.089

Section 10. Stability and reactivity

Stability and reactivity	The product is stable.
Incompatibility with various substances	Extremely reactive or incompatible with the following materials: oxidizing materials.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hazardous polymerization	Under normal conditions of storage and use, hazardous polymerization will not occur.

Section 11. Toxicological information

Toxicity data

Product/ingredient name	Result	Species	Dose	Exposure
hydrogen sulphide	LD50 Intraperitoneal	Rat	2300 ug/kg	-
	LD50 Intravenous	Rat	270 ug/kg	-
	LC50 Inhalation	Rat	820 mg/m3	3 hours
	Vapor			
	LC50 Inhalation	Rat	700 mg/m3	4 hours
	Vapor			
	LC50 Inhalation	Rat	470 mg/m3	6 hours
	Vapor			
	LC50 Inhalation	Rat	712 ppm	1 hours
	Gas.			
	LC50 Inhalation	Mouse	634 ppm	1 hours
	Gas.			
	LC50 Inhalation	Rat	444 ppm	4 hours
	Gas.			

IDLH	100 ppm
Chronic effects on humans	May cause damage to the following organs: lungs, upper respiratory tract, eyes, central nervous system (CNS).
Other toxic effects on humans	No specific information is available in our database regarding the other toxic effects of this material to humans.

Specific effects

Carcinogenic effects	No known significant effects or critical hazards.
Mutagenic effects	No known significant effects or critical hazards.

Reproduction toxicity	No known significant effects or critical hazards.

Section 12. Ecological information

Aquatic ecotoxicity

Product/ingredient name	Test	Result	Species	Exposure
hydrogen sulphide	-	Acute EC50 770 ug/L Fresh water	Crustaceans - Amphipod - Crangonyx richmondensis ssp. lauren - 10 mm	48 hours
	-	Acute EC50 540 ug/L Fresh water	Crustaceans - Amphipod - Crangonyx richmondensis ssp. lauren - 10 mm	48 hours
	-	Acute EC50 95 ug/L Fresh water	Crustaceans - Scud - Gammarus pseudolimnaeus -11 mm	2 days
	-	Acute EC50 71 ug/L Fresh water	Crustaceans - Scud - Gammarus pseudolimnaeus -11 mm	2 days
	-	Acute EC50 62 ug/L Fresh water	Crustaceans - Scud - Gammarus pseudolimnaeus -11 mm	2 days

	-	Acute LC50 4 ug/L Fresh water	Fish - Lake whitefish - Coregonus clupeaformis - Yolk-sac fry	96 hours
	-	Acute LC50 3.2 ug/L Fresh water	Fish - Asian redtail catfish - Hemibagrus nemurus	96 hours
	-	Acute LC50 3 ug/L Fresh water	Fish - Lake whitefish - Coregonus clupeaformis - Yolk-sac fry	96 hours
	-	Acute LC50 2 ug/L Fresh water	Fish - Lake whitefish - Coregonus clupeaformis - Yolk-sac fry	96 hours
	-	Acute LC50 <2 ug/L Fresh water	Fish - Yellow perch - Perca flavescens - Yolk-sac fry	96 hours
Products of degradation				
Environmental fate	Not available.			
Environmental hazards	No known significant effects or critical hazards.			
Toxicity to the environment	Not available.			

Section 13. Disposal considerations

Product removed from the cylinder must be disposed of in accordance with appropriate Federal, State, local regulation.Return cylinders with residual product to Airgas, Inc.Do not dispose of locally.

Section 14. Transport information

Regulatory information	UN number	Proper shipping name	Class	Packing group	Label	Additional information
DOT Classification	UN1053	HYDROGEN SULFIDE	2.3	Not applicable (gas).	 	**Reportable quantity** 100 lbs. (45.4 kg) **Limited quantity** Yes. **Packaging instruction** Passenger aircraft Quantity limitation: Forbidden. **Cargo aircraft** Quantity limitation: Forbidden: **Special provision** 2,B9,B14

TDG Classification	UN1053	HYDROGEN SULFIDE	2.3	Not applicable (gas).	 	**Explosive Limit and Limited Quantity Index** 0 **ERAP Index** 0 **Passenger Carrying Ship Index** Forbidden **Passenger Carrying Road or Rail Index** Forbidden
Mexico Classification	UN1053	HYDROGEN SULFIDE	2.3	Not applicable (gas).	 	-

"Refer to CFR 49 (or authority having jurisdiction) to determine the information required for shipment of the product."

Section 15. Regulatory information

United States

U.S. Federal regulations : **United States inventory (TSCA 8b):** This material is listed or exempted.

SARA 302/304/311/312 extremely hazardous substances: hydrogen sulphide

SARA 302/304 emergency planning and notification: hydrogen sulphide

SARA 302/304/311/312 hazardous chemicals: hydrogen sulphide

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: hydrogen sulphide: Fire hazard, Sudden release of pressure, Immediate (acute) health hazard, Delayed (chronic) health hazard

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 regulated flammable substances: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: hydrogen sulphide

SARA 313			
	Product name	**CAS number**	**Concentration**
Form R - Reporting requirements	Hydrogen Sulfide	7783-06-4	100
Supplier notification	Hydrogen Sulfide	7783-06-4	100

SARA 313 notifications must not be detached from the MSDS and any copying and redistribution of the MSDS shall include copying and redistribution of the notice attached to copies of the MSDS subsequently redistributed.

State regulations	**Connecticut Carcinogen Reporting:** This material is not listed. **Connecticut Hazardous Material Survey:** This material is not listed. **Florida substances:** This material is not listed. **Illinois Chemical Safety Act:** This material is not listed. **Illinois Toxic Substances Disclosure to Employee Act:** This material is not listed. **Louisiana Reporting:** This material is not listed. **Louisiana Spill:** This material is not listed. **Massachusetts Spill:** This material is not listed. **Massachusetts Substances:** This material is listed. **Michigan Critical Material:** This material is not listed. **Minnesota Hazardous Substances:** This material is not listed. **New Jersey Hazardous Substances:** This material is listed. **New Jersey Spill:** This material is not listed. **New Jersey Toxic Catastrophe Prevention Act:** This material is listed. **New York Acutely Hazardous Substances:** This material is listed. **New York Toxic Chemical Release Reporting:** This material is not listed. **Pennsylvania RTK Hazardous Substances:** This material is listed. **Rhode Island Hazardous Substances:** This material is not listed.
Canada	
WHMIS (Canada)	Class A: Compressed gas. Class B-1: Flammable gas. Class D-1A: Material causing immediate and serious toxic effects (Very toxic). Class D-2B: Material causing other toxic effects (Toxic).

CEPA Toxic substances: This material is not listed.

Canadian ARET: This material is not listed.

Canadian NPRI: This material is listed.

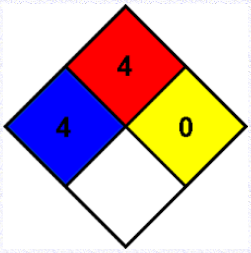
Alberta Designated Substances: This material is not listed.

Ontario Designated Substances: This material is not listed.

Quebec Designated Substances: This material is not listed.

Section 16. Other information

United States

Label requirements	FLAMMABLE GAS. MAY CAUSE FLASH FIRE. MAY BE FATAL IF INHALED. MAY CAUSE EYE AND SKIN IRRITATION. MAY CAUSE TARGET ORGAN DAMAGE, BASED ON ANIMAL DATA. CONTENTS UNDER PRESSURE.
Canada	
Label requirements	Class A: Compressed gas. Class B-1: Flammable gas. Class D-1A: Material causing immediate and serious toxic effects (Very toxic). Class D-2B: Material causing other toxic effects (Toxic).
Hazardous Material Information System (U.S.A.)	**Health** * 4 **Flammability** 4 **Physical hazards** 0
National Fire Protection Association (U.S.A.)	

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: PHOSGENE

1. Chemical Product and Company Identification

BOC Gases,
Division of
The BOC Group, Inc.
575 Mountain Avenue
Murray Hill, NJ 07974

TELEPHONE NUMBER: (908) 464-8100

BOC Gases
Division of
BOC Canada Limited
5975 Falbourne Street, Unit 2
Mississauga, Ontario L5R 3W6

TELEPHONE NUMBER: (905) 501-1700

24-HOUR EMERGENCY TELEPHONE NUMBER: **CHEMTREC** (800) 424-9300

24-HOUR EMERGENCY TELEPHONE NUMBER: (905) 501-0802

EMERGENCY RESPONSE PLAN NO: 20101

PRODUCT NAME: PHOSGENE

CHEMICAL NAME: Phosgene

COMMON NAMES/SYNONYMS: Carbon Oxychloride; Carbonyl Chloride; Carbonyl Dichloride; Diphosgene

TDG (Canada) CLASSIFICATION: 2.3 (8)

WHMIS CLASSIFICATION: A, E, F, D1A

PREPARED BY: Loss Control (908)464-8100/(905)501-1700

PREPARATION DATE: 6/1/95

REVIEW DATES: 6/7/96

2. Composition, Information on Ingredients

INGREDIENT	% VOLUME	PEL-OSHA[1]	TLV-ACGIH[2]	LD_{50} or LC_{50} Route/Species
Phosgene FORMULA: CCl_20 CAS: 75-44-5 RTECS #: SY5600000	100 .0	0.1 ppm TWA	0.1 ppm TWA	LC_{50} 800 ppm (human)

As stated in 29 CFR 1910, Subpart Z (revised July 1, 1993)

As stated in the ACGIH 1994-95 Threshold Limit Values for Chemical Substances and Physical Agent

3. Hazards Identification+

EMERGENCY OVERVIEW

Corrosive to exposed tissues. Inhalation of vapors may result in pulmonary edema and chemical pneumonitis. Nonflammable. Reacts violently and decomposes to toxic compounds, including chlorine, on contact with moisture.

ROUTE OF ENTRY:				
Skin Contact	Skin Absorption	Eye Contact	Inhalation	Ingestion
Yes	No	Yes	Yes	No

HEALTH EFFECTS:		
Exposure Limits	Irritant	Sensitization
Yes	Yes	No
Teratogen	Reproductive Hazard	Mutagen
No	No	No
Synergistic Effects None Reported		
Carcinogenicity: -- NTP: No ARC: No OSHA: No		
EYE EFFECTS:		
None known.		
SKIN EFFECTS:		
None known.		
INGESTION EFFECTS:		
None known.		

INHALATION EFFECTS:

Immediate symptoms from inhalation are choking, coughing, tightness of the chest, catching of the breath, lacrimation, difficulty in and painful breathing and eventual cyanosis. Serious symptoms are pulmonary edema and asphyxiation which may not be manifested for several hours after overexposure. Long lasting (several months) symptoms may be coughing, bloody sputum and general malaise.

NFPA HAZARD CODES	HMIS HAZARD CODES	RATINGS SYSTEM
Health:4	Health:4	0 = No Hazard
Flammability: 0	Flammability: 0	1 = Slight Hazard
Reactivity:1	Reactivity:1	2 = Moderate Hazard
		3= Serious Hazard
		4= Severe Hazard

4. First Aid Measures

EYES:

None required.

SKIN:

None required.

INGESTION:

None required.

INHALATION:

Conscious persons should be assisted to an uncontaminated area and inhale fresh air. Unconscious persons should be moved to an uncontaminated area, and given artificial resuscitation and supplemental oxygen. Keep the victim warm and quiet. Assure that mucous does not obstruct the airway by positional drainage. Delayed pulmonary edema may occur. Keep patient under medical observation for at least 48 hours. Treatment should be symptomatic and supportive.

PROMPT MEDICAL ATTENTION IS MANDATORY IN ALL CASES OF OVEREXPOSURE TO PHOSGENE. RESCUE PERSONNEL SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS.

5. Fire Fighting Measures

Conditions of Flammability: Nonflammable			
Flash point:	Method:		Autoignition
None	Not Applicable		Temperature: None
LEL(%): None		UEL(%): None	
Hazardous combustion products: None			
Sensitivity to mechanical shock: None			
Sensitivity to static discharge: None			

FIRE AND EXPLOSION HAZARDS:

Nonflammable.

FIRE FIGHTING INSTRUCTIONS:

NONE. Material is not flammable. See spill and leaks information for protective equipment when fighting a spill.

6. Accidental Release Measures

Evacuate all personnel from affected area. Use appropriate protective equipment. If leak is in user's equipment, be certain to purge piping with inert gas prior to attempting repairs. If leak is in container or container valve, contact the appropriate emergency telephone number listed in Section 1 or call your closest BOC location.

7. Handling and Storage

Moist phosgene is corrosive to most metals. Hastelloy A or B as well as tantalum, platinum and gold show good corrosive resistance to moist phosgene.

Protect cylinders from physical damage. Store in cool, dry, well-ventilated area away from heavily trafficked areas and emergency exits. Do not allow the temperature where cylinders are stored to exceed 130^{o}F (54^{o}C). Cylinders should be stored upright and firmly secured to prevent falling or being knocked over. Full and empty cylinders should be segregated. Use a "first in-first out" inventory system to prevent full cylinders being stored for excessive periods of time.

Use only in well-ventilated areas. Valve protection caps and valve outlet threaded plugs must remain in place unless container is secured with valve outlet piped to use point. Do not drag, slide or roll cylinders. Use a suitable hand truck for cylinder movement. Use a pressure reducing regulator when connecting cylinder to lower pressure (less than 75 psig) piping or systems. Do not heat cylinder by any means to increase the discharge rate of product from the cylinder. Use a check valve or trap in the discharge line to prevent hazardous back flow into the cylinder.

For additional storage and handling recommendations, consult Compressed Gas Association's Pamphlet P-1.

Never carry a compressed gas cylinder or a container of a gas in cryogenic liquid form in an enclosed space such as a car trunk, van or station wagon. A leak can result in a fire, explosion, asphyxiation or a toxic exposure.

8. Exposure Controls, Personal Protection

EXPOSURE LIMITS[1]:

INGREDIENT	%VOLUME	PEL-OSHA[2]	TLV-ACGIH[3]	LD_{50} or LC_{50} Route/Species
Phosgene FORMULA: CCl_20 CAS: 75-44-5 RTECS #: SY5600000	100.0	0.1 ppm TWA	0.1 ppm TWA	LC_{50} 800 ppm (human)

[1] Refer to individual state of provincial regulations, as applicable, for limits which may be more stringent than those listed here.

[2] As stated in 29 CFR 1910, Subpart Z (revised July 1, 1993)

[3] As stated in the ACGIH 1994-1995 Threshold Limit Values for Chemical Substances and Physical Agents.

IDLH: 2 ppm

ENGINEERING CONTROLS:

Use a laboratory hood with forced ventilation for handling small quantities. Use local exhaust to prevent accumulation above the exposure limits.

EYE/FACE PROTECTION:

Gas tight chemical goggles or full-face piece respirator.

SKIN PROTECTION:

Rubber or Teflon ®protective gloves.

RESPIRATORY PROTECTION:

Positive pressure air line with full-face mask and escape bottle or self-contained breathing apparatus should be available for emergency use and routine use when exposures are above set limits.

OTHER/GENERAL PROTECTION:

Safety shoes, safety shower, eyewash "fountain".

9. Physical and Chemical Properties

PARAMETER	VALUE	UNITS
Physical state (gas, liquid, solid)	Gas	
Vapor pressure	22.6	psia
Vapor density (Air = 1)	3.41	
Evaporation point	Not Available	
Boiling point	45.6	F
	7.55	C
Freezing point	-198	F
	-127	C
Ph	Not Available	
Specific gravity	Not Available	
Oil/water partition coefficient	Not Available	
Solubility (H20)	Decomposes	
Odor threshold	Not Available	
Odor and appearance	Colorless gas with sweet odor in low concentrations, becoming suffocating in high concentrations	

10. Stability and Reactivity

STABILITY:

Stable at temperatures below 572^{o}F (300^{o}C).

INCOMPATIBLE MATERIALS:

May react violently with water, ammonia, primary amines.

HAZARDOUS DECOMPOSITION PRODUCTS:

Hydrochloric acid and carbon dioxide. Carbon monoxide, chlorine.

HAZARDOUS POLYMERIZATION:

Will not occur.

11. Toxicological Information

No chronic effects data unrelated to phosgene's corrosivity given in the Registry of Toxic Effects of Chemical Substances (RTECS) or Sax, Dangerous Properties of Industrial Materials, 7th ed.

12. Ecological Information

No data given.

13. Disposal Considerations

Do not attempt to dispose of residual waste or unused quantities. Return in the shipping container PROPERLY LABELED, WITH ANY VALVE OUTLET PLUGS OR CAPS SECURED AND VALVE PROTECTION CAP IN PLACE to BOC Gases or authorized distributor for proper disposal.

14. Transport Information

PARAMETER	United States DOT	Canada TDG
PROPER SHIPPING NAME:	Phosgene	Phosgene
HAZARD CLASS:	2.3	2.3 (8)
IDENTIFICATION NUMBER:	UN 1076	UN 1076
SHIPPING LABEL:	POISON GAS, CORROSIVE	POISON GAS, CORROSIVE

Additional Marking Requirement: "Inhalation Hazard"

If net weight of product ≥ 10 pounds, the container must be also marked with the letters "RQ".

Additional Shipping Paper Description Requirement: "Poison Inhalation Hazard, Zone A"

If net weight of product ≥ 10 pounds, the shipping papers must be also marked with the letters "RQ".

15. Regulatory Information

Phosgene is listed under the accident prevention provisions of section 112(r) of the Clean Air Act (CAA) with a threshold quantity Q) of 500 pounds

SARA TITLE III NOTIFICATIONS AND INFORMATION

Phosgene is listed as an extremely hazardous substance (EHS) subject to state and local reporting under Section 304 of SARA Title III (EPCRA).

The presence of phosgene in quantities in excess of the threshold planning quantity (TPQ) of 10 pounds requires certain emergency planning activities to be conducted.

Releases of phosgene in quantities equal to or greater than the reportable quantity (RQ) of 10 pounds are subject to reporting to the National Response Center under CERCLA, Section 304 SARA Title III.

SARA TITLE III - HAZARD CLASSES:

Acute Health Hazard

Chronic Health Hazard

Sudden Release of Pressure Hazard

Reactivity Hazard

Fire Hazard

SARA TITLE III - SECTION 313 SUPPLIER NOTIFICATION:

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372:

CAS NUMBER	INGREDIENT NAME	PERCENT BY VOLUME
75-44-5	PHOSGENE	~ 100.0

This information must be included on all MSDSs that are copied and distributed for this material.

16. Other Information

Compressed gas cylinders shall not be refilled without the express written permission of the owner. Shipment of a compressed gas cylinder which has not been filled by the owner or with his/her (written) consent is a violation of transportation regulations.

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES:

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).

ANNEXURE-6

PROCESS & VESSEL HAZARDS & CONTROLS

Hazardous process & operation	**Materials in the process / operation**	**Name of the vessel & its location**	**Operating parameters**	**Type of hazards possible**	**Control measures**	**Incharge Person with designation**
1	2	3	4	5	6	7
Charging Area						
Charging & Mixing of Hazardous Liquid waste	Hazardous Liquid waste	T-1010 at charging area T-1020 at charging area T-1030 at charging area T-1040 at charging	Atmospheric temp. & pressure	➢ Pressure develop in case of material incompatibility	➢ Mechanical seal for transferring pump. ➢ Personal protective equipments are being used ➢ Provision of Safety shower ➢ Breather Valve and venting line provided. Vent line is connected with scrubbing system. ➢ Inter locking system provided. ➢ Provision of Fire Hydrant System & Extinguishers. ➢ Grounding of storage vessel to earth pit. ➢ Declared as No Hot Work Zone. ➢ Tanks are provided with dip pipe. ➢ N2 blanketing system.	Mr. Viral Patel Manager

Incinerator Plants						
Incineration of hazardous waste	-Natural Gas -Hazardous solid waste -Hazardous Liq. Waste	Rotary Kiln incinerator plant 1 & 2	Pressure☹ -ve) 2 mm wc Temp.: 850 ± 50ºC	➢ Fire & explosion in case of positive pressure ➢ Toxic gas release	➢ Interlocking system is provided ➢ Auto control DCS system is provided ➢ Regular preventive maintenance	Mr. Dinkar Trivedi DGM
Incineration of hazardous waste	-Natural Gas -Hazardous Lig. Waste	SCC incinerator plant 1 & 2	Pressure☹ -ve)10 mm wc Temp.: 1100ºC to 1160ºC			
Multi Effect Evaporator Plant						
Evaporation of Liquid waste	-Liquid waste -Steam	VLSs Calandrias	Pressure: (-ve) 660 to 710 mm/Hg Temp. 45ºC to 95ºC	➢ Fire & explosion in case of positive pressure ➢ Toxic gas release	➢ Auto control SCADA system is provided ➢ Pressure gauges are provided ➢ Regular preventive maintenance	Mr.Chintan Patel Sr.Executive
Centrifugation	-Waste water slurry	CF	40ºC to 45ºC	➢ Human injury due to disoperation	➢ VFD is provided ➢ Trained operating staff	
	Slurry of Hyflow charged	Centrifuge	under ambient pressure & temp.	➢ Dust May Cause skin & eyes irritation.	Personal protective equipments are being used	

ANNEXURE-7

OTHER HAZARDS AND CONTROLS

Sr. No.	Name of the possible hazard / emergency	Its source & reason	Its effect on persons, property & environment	Place of effect	Control measures provided	In charge person
1	2	3	4	5	6	7
Utilities						
A	**Electrical**					
i	Fire	➢ Loose connections ➢ Weak earthing ➢ Short circuit ➢ Improper Insulation	➢ Electrical power failure ➢ Production Hindrance ➢ Loss of transformer	➢ Transformer ➢ MCC panel	➢ Firefighting equipment's ➢ Gravel bed for oil spillage/soaking ➢ Isolated area for MCC panel & Transformer. ➢ Lightning arrester provided. ➢ Proper Earthling to Electrical Equipment. ➢ Alternate power source by D.G. Set ➢ Periodic checking of joints ➢ Proper insulation	Mr. Mahesh Panchal DGM
ii	Electrical Shock		➢ Electric shock can cause death ➢ Electric short circuit can cause damage to property	➢ Power points ➢ Live wires ➢ Electric Equipments	➢ Skilled manpower ➢ Proper insulation ➢ Proper earthing ➢ PPEs	

iii	Burning		➢ Serious injury or death	➢ Power points ➢ Live wires ➢ Electric Equipments	➢ Skilled manpower ➢ Proper insulation ➢ Proper earthing ➢ PPEs	
B	**Compressed Air**					
i	Injury/Death Due to High Pressure	➢ Air Compressor	➢ Serious injury or death can be caused by quite a small pressure of air especially on delicate parts such as eyes, ear & nose	➢ Compressor house ➢ Service air point	➢ It is ensured that compressed air is not used for cleaning itself. ➢ Direct air is not being used through hose	Mr. Dhruval Gadhvi Executive
C	**Boiler**					
i	Explosion	➢ Boiler	➢ Potential damage to property ➢ Can cause severe injury/death to person.	➢ Boiler House	➢ Continuous monitoring of operating pressures. ➢ Provision of safety valves ➢ Provision of high pr. Alarms & trips for the boiler.	Mr. Dhruval Gadhvi Executive
D	**Structural Failure**					
i	Structural failure	➢ Structure	➢ Potential damage to property ➢ Can cause severe injury/death to person.	➢ Within the factory	➢ Regular cleaning & painting ➢ Periodic structure stability inspection by competent person	Mr. Rajesh Nikose Sr. Manager
E	**Natural Disasters**					

v	➢ Natural Disaster. ➢ Earthquakes ➢ Lightning, storms, ➢ Man-made War. ➢ Sabotage & fire in neighboring industries	➢ Natural	➢ Production hindrance ➢ Trapping under debris. ➢ Death due to toxic releases. ➢ Chemical burn.	➢ Whole factory ➢ Population nearby	➢ Lightning arrester at highest point. ➢ Auto fire hydrant system. ➢ Respiratory protection equipment's. ➢ Siren, Evacuation, rescue & shelter/welfare facility	SMC

ANNEXURE-8

TRADE-WASTE DISPOSALS

Sr. No.	Name of the trade waste	Its generation per day	Place of its generation	Place of its safe disposal	Treatment method of safe disposal	Monitoring & control measures provided	In charge person
1	2	3	4	5	6	7	8
1	Incineration ash	10 to 20 ton	Incinerator plants	Land filling site of BEIL	NR	➢ Immediate disposal to landfill ➢ Waste analyzed ➢ Ground water analysis	Mr. Dinkar Trivedi DGM
2	MEE Salt	13 to 17 ton	MEE plant	Land filling site of BEIL	NR	➢ Immediate disposal to landfill ➢ Waste analyzed ➢ Ground water analysis	Mr. Janak Prajapati Sr.Executive
3	Leachate	70 to 80 KL	Landfill site	➢ CETP/ETL ➢ MEE plant-BEIL	Treatment Plant	➢ Separate leachate collection & transferring arrangement is provided ➢ Waste analyzed ➢ Ground water analysis	Mr. Rajesh Nikose Sr. Manager
4	Discarded Empty Decontaminated Containers	7 to 8 nos.	All Plant	Approved scrap vendor	NR	➢ GPCB approved Scrap Vendor ➢ On –Site Drum Cleaning Facility before selling to scrap vendor. ➢ AEPS inspection prior to disposal.	Mr. Viral Patel Manager
5	Discarded Empty	2 to 3 MT	All plant	Approved scrap	Treatment	➢ GPCB approved Scrap Vendor	Mr. Viral Patel

	Contaminated Containers			vendor	Plant	➢ Separate storage shed is provided	Manager
6	Used oil	0.5 to 0.8 Ltr	All Plant	Used for lubrication/ Registered recycler	NR	Stored in packed drum	Mr. Dhruval Gadhvi Executive

ANNEXURE-9

RECORDS OF PAST INCIDENTS

Sr. No.	Type of incident (Major accident, emergency or disaster)	Date and time of Occurrence	It's place	Duration	Time required in controlling it	Nos. of workers working at that time	Persons affected		Persons died		Subsequent safety measures provided
							Inside factory	Outside factory	Inside factory	Outside factory	
1	2	3	4	5	6	7	8	9	10	11	12
1	Fire	3-04-2008 17:45	Shed no 7	08 Hrs.	08 Hrs	05	Nil	Nil	Nil	Nil	➢ Separate storage sheds with impervious flooring & roofing ➢ Provision of fire extinguishers ➢ Provision of fire hydrant line ➢ Provision of water sprinkler system with Heat & Smoke detectors

2	Fall from height	13-01-2012 13:05	Drum cutting shed	--	--	05	01	Nil	01	Nil	➢ Work permit system implemented strictly ➢ Refresher Training imparted to all contract workers ➢ Strict monitoring
3	Toxic Gas Release	07-12-2015 11:00	Storage tank area	15 min.	15 min.	06	06	Nil	02	Nil	➢ SOP has been revised ➢ Scrubbing system is provided. All storage tank vents connected to the scrubbing system. ➢ Airline respirators provided ➢ HAZOP study has been carried out & implemented all the recommendations
4	Fall from Vehicle (JCB)	31-03-2022	Landfill	-	--	01	01	nil	01	Nil	➢ Proper supervision ➢ Training to drivers ➢ Parallel work to be avoid.

ANNEXURE-10

GAS DISPERSON CONCENTRATION

Assuming leak rate (Q) = 3 kg / sec. i.e. 3 x 106 mg/sec. And velocity (u) = 2 and 5 M/sec. Downwind concentrations of some gases at various distances are calculated and tabulated as follows:

Maximum concentration (PPM) IN DOWNWIND DIRECTION AT DISTANCE X. Wind velocity = 2 M/Sec. for most unstable after-noon weather Condition (A)

Product	100 M	200 M	300 M	400 M	500 M	700 M	1 KM	2 KM	3 KM	4 KM	5 KM
Chlorine	439	110	41	27	21	11	4.11	1.03	0.45	0.26	0.16
Phosgene	315	79	29	20	15	7	2.95	0.74	0.33	0.18	0.12
SO_3	389	97	36	24	19	11	3.65	0.91	0.41	0.23	0.15
Ammonia	1832	458	171	115	89	50	17.18	4.29	1.91	1.07	0.69
PCl_3	254	64	24	16	13	-	2.39	0.60	0.27	0.15	0.09
CSA	279	70	26	17	14	-	2.50	0.63	0.28	0.16	0.10

Note: For other weather condition respective curve should be chosen

Maximum concentration (PPM) IN DOWNWIND DIRECTION AT DISTANCE X. Wind velocity = 5 M/Sec. for most unstable after-noon weather Condition (B)

Product	100 M	200 M	300 M	400 M	500 M	700 M	1 KM	2 KM	3 KM	4 KM	5 KM
Chlorine	175	44	16	11	9	5	1.64	0.41	0.18	0.18	0.06
Phosgene	125	31	12	8	6	8	1.18	0.30	0.13	0.07	0.05
SO_3	156	39	15	10	8	4	1.46	0.36	0.16	0.09	0.09
Ammonia	132	183	69	46	36	20	6.87	1.72	0.76	0.43	0.24
PCl_3	111	28	10	7	5	3	0.96	0.24	0.11	0.06	0.04

CSA	112	28	10	7	5	3	1.00	0.25	0.11	0.06	0.04
Note: For other weather condition respective curve should be chosen											

ANNEXURE-11

EVACUATION TABLE

EVACUALTIN TABLE BASED ON PREVAILING WIND OF 6 TO 12 mps (2.7 TO 5.4 m/s)			
Material	**Radius of immediate danger area (KM)**	**Dimension of evaluation area**	
		Downwind (Km)	**Crosswind (Km)**
Acrolein	0.69	8.05	4.83
Acrylonitrile	0.03	0.32	0.16
Ammonia	0.08	0.64	0.48
Carbon dislfide	0.04	0.32	0.16
Chlorine	0.31	3.22	2.41
Dimethylamine	0.14	1.13	1.29
Epichloronydrin	0.05	0.32	0.32
Etylene oxide	0.04	0.32	0.16
Fluorine	0.20	1.61	1.61
Hydrogen chloride	0.24	2.41	1.61
Hydrogen cyanide	0.12	1.13	0.44
Hydrogen fluoride	0.30	3.22	1.61
Hydrogen sulfide	0.15	1.61	0.81
Methyl mercaptan	0.09	1.29	0.48
Monomethylamine	0.14	1.13	1.29
Nitric acid	0.13	1.13	0.64
Nitrogen tetroxide	0.14	1.13	1.29
Oleum	0.35	3.22	1.61
Phosgene	0.75	8.05	4.83
Phosphorous trichloride	0.14	1.21	0.81
Sulfur dioxide	0.13	1.21	0.81
Sulfur trioxide	0.35	3.22	1.61
Sulfuric acid	0.35	3.22	1.61
Trim ethylamine	0.35	3.22	2.41
Source: Emergency Action Guide for selected Hazardous Materials, U.S. Dept. of Transportation, 1978			

ANNEXURE-12

ENVIORNMENTAL IMPACT ASSESSMENT

Sr. No	Distance (radius) from the factory	Environment	Population	Possible consequence & Assessment			Control measures Provided
				Type of risk & effect possible	Duration of risk	Risk assessment Frequency of the hazard (i.e. one such incident in what time)	
1	2	3	4	5	6	7	9
1	Upto 1000 Mt.	GIDC Area	3000	Gas exposure due to fire	1 to 4 hrs.	Rarely	➢ All the storage sheds are covered with fire hydrant system, automatic sprinkler system is provided in all the sheds, Smoke & heat detectors are installed in all the sheds, Fire extinguishers are also provided. ➢ Mechanical seal for transferring pump. ➢ N2 blanketing system for high CV liquid storage tanks. ➢ Provision of Fire Hydrant System & Extinguishers. ➢ Proper Grounding of storage vessel to earth pit. ➢ Safety work permit system is in place. ➢ Tanks are provided with dip pipe. ➢ Proper Earthing & bonding before Loading/Unloading operations.
2	1.9 Km	Jitali	3900	Gas exposure due to fire	1 to 4 hrs.	Rarely	
3	2.5 Km	Dadhal	3100	Gas exposure due to fire	1 to 4 hrs.	Rarely	
4	2.6 Km	Sarangpur	12600	Gas exposure due to fire	1 to 4 hrs.	Rarely	
5	3.4 Km	Motali	700	Gas exposure due to fire	1 to 3 hrs.	Rarely	
6	3.6 Km	Kosamdi	5400	Gas exposure due to fire	1 to 3 hrs.	Rarely	
7	4.2 Km	Gadkhol	1100	Gas exposure due to fire	1 to 2 hrs.	Rarely	

ANNEXURE-13

WEATHER CONDITIONS

Sr. No.	Period of the year		Temp. °C		Wind Vel. KM/Hrs.	Wind Direction		Weather Conditions	Pasquill Classification A TO F
	Dates								
	From	To	Max.	Min.		Day	Night		
1	2	3	4	5	6	7	8	9	10
1	1st Jan.	31st Jan.	26.7	11.9	1.19	SE/NE	NE/NW	Cold & Stable	D
2	1st Feb.	28/29 Feb	31.0	14.5	1.19	SE/NE	W/NW	Dry & Stable	D
3	1st Mar.	31st Mar.	35.7	18.6	1.19	NE/NW	W/NW	Dry & Stable	D
4	1st Apr.	30th Apr.	39.0	23.6	1.19	NW/W	W/NW	Dry & Stable	D
5	1st May	31st May	44.0	26.0	1.19	NW/W	SW/W	Hot	D
6	1st Jun.	31st Jun.	43.0	27.0	1.19	SW/W	SW/W	Moist & Hot	D
7	1st July.	31st July	35.0	25.0	1.19	SW/W	SW/W	Hot & Rainy	D-F
8	1st Aug.	31st Aug.	31.0	24.0	1.19	SW/W	SW/W	Hot & Rainy	D-F
9	1st Sep.	30th Sep.	33.0	24.0	1.19	S/NW	SW/W	Hot & Rainy	D-F
10	1st Oct.	31st Oct.	35.0	21.0	1.19	NE/W	NE/NW	Moist	D
11	1st Nov,	30th Nov	33.0	16.0	1.19	NE/E	NE/E	Dry	D
12	1st Dec.	31st Dec.	29.0	12.0	1.19	NE/E	NE/NW	Cold &Stable	D

ANNEXURE-14

INCIDENT CONTROLLERS

Shift	**Incident Controller's**				
	Name	**Designation**	**Qualification**	**Place of availability**	**Res. Add.**
1	2	3	4	5	6
First & General	Mr. Dinkar Trivedi	DGM	B.Sc	Plant Office	Ankleshwar
	Mr. Janak Prajapati	Executive	B.E.	Control Room	Ankleshwar
Second	Mr. Vinay Patel	Officer	B.E.	Control Room	Ankleshwar
Third	Mr. Kaushik Panchal	Officer	B.E.	Control Room	Ankleshwar
Holiday	Mr. Kevin	Sr. Officer	M.E.	Inci Control Room	Ankleshwar

ANNEXURE-15

DEPUTY INCIDENT CONTROLLERS

Shift	**Deputy Incident Controller's**				
	Name	**Designation**	**Qualification**	**Place of availability**	**Res. Add.**
1	2	3	4	5	6
First & General	Mr. Janak Prajapati	Executive	B.E.	Inci Control Room	Ankleshwar
	Mr. Kevin	Sr. Officer	M.E	Inci. Control Room	Ankleshwar
Second	Mr. Vinay Patel	Officer	B.E.	Inci Control Room	Ankleshwar
Third	Mr. Utsav Rana	Officer	B.E.	MEE Plant	Ankleshwar
Holiday	Mr. Viral patel	Executive	DME	Warehouse Office	Ankleshwar

ANNEXURE-16

SITE MAIN CONTROLLERS

Sr. No.	Site Main Controller's						
	Name	**Designation**	**Qualification**	**Place of availability**	**Res. Add.**	**Phone No.**	
						Factory	**Resi.**
1	2	3	4	5	6	7	8
1	Mr.B D Dalwadi	CEO	B.E.	ADM	408/9, Sardar Patel Society, GIDC, Ankleshwar	02646-226591	9909994959
2	Mr. Manoj Patel	G.M.	B.E.	ADM	Shantiniketan Society, Ankleshwar.	02646-226591	9909994907

ANNEXURE-17

KEY PERSSONEL

Sr. No.	KEY PERSON'S				NEXT PERSON'S	
	Dept.	**Name**	**Designation**	**Phone No.**	**Name & Designation**	**Phone No.**
1	2	3	4	5	6	7
1	Safety	Mr. Sanjay Joshi	Dy. General Manager	7575001962	Mr. Dharmen Mistry	7575050741
2	Security	Mr. Pan Singh Negi	Incharge	8758201814	Mr. Manojkumar	7032746979
3	Pollution control	Mr. Sathish Gaddam	Dy. General Manager	8238088363	Mr. Dipak Meghapara	990999161
4	Medical	Mr. Tiwari	Nurse	6359359190	Mr. Shailesh	6359359190
5	Engineering	Mr. Malay Borasia	officer	9909994944	Mr. Geet Dixit	8128088158
6	Production	Mr. Dinkar Trivedi	DGM	9978996347	Mr. Janak Prajapati	9723297216
7	Technical Services	Mr. B R Trivedi	GM	9979997106		
8	Stores	Mr. Anant Raval	Manager	9909992978		
9	Warehouse	Mr. Viral Patel	Manager	9925497837	Mr. Akshay Bhatia	7698844107
10	Civil	Mr. Rajesh	Manager	9909994933	Mr. Pratik	7567146695

		Nikose			Shah	
11	Electrical	Mr. Shaharyarkhan Pathan	Executive	9978447294	Mr. Manish Parekh	9909994988
12	Instrument	Mr. Chirag Patel	Executive	8320974288		
13	E-waste	Mr. Mahesh Panchal	DGM	9978447294	Mr. Vrajesh Rana	8849094712
14	ZLD	Mr. Prabhakar Pandey	Asst. Manager	9909994920		

ANNEXURE-18

ESSENTIAL WORKERS

Sr. No.	Name & Designation	Trained for work	Place of availability	Phone No.
1	2	3	4	5
1	Mr. Chirag Patel	Gas Leakage	Maint. room	241
2	Mr. Jemish Patel	Gas Leakage	Instrument Office	222
3	Mr. Nitin Patel	Gas Leakage	ADM	104
4	Mr. Mahendra Solanki	Fire Fighting	Safety Office	100
5	Mr. Mayank	Fire Fighting	Safety Office	100
6	Mr. Dharmendra Chavda	Fire Fighting	Safety Office	100

7	Mr. Sanket	Fire Fighting	Safety Office	100
8	Mr. Ajay Solanki	Fire Fighting	Safety Office	100
9	Mr. Ganesh Jha	Building Collapse	Plant	219
10	Mr. Chirag Patel	Building Collapse	Instrument Office	222
11	Mr. Shailesh Prajapati	First Aid	OHC	108
12	Mr. Laxminarayan Tiwari	First Aid	OHC	108
13	Mr. Dharmen Mistry	Evacuation & Search Operation	Safety Office	233
14	Mr. Samim Khan	Evacuation & Search Operation	Warehouse	239
15	Mr. Hetal Shah	Spill & Leak control	Main Gate	9727433160
16	Mr. Anna Patil	Spill & Leak control	Shed No. 04	9727675348
17	Mr. DG Patel	Heavy vehicle arrangement	-	9825060239

ANNEXURE-19

ASSEMBLY POINTS

Sr. No.	Location	Accommodation Capacity	At the time of emergency Person incharge's		
			Name & Designation	**Place of availability**	**Phone No.**
1	2	3	4	5	6
1	Material Gate	200	Mr. Ashish Gurjar	ADM	Ext. 106
2	Incinerator plant Office	100	Mr. Chintan Patel	MEE Plant	Ext. 223
3	New Land filling behind Phase III	200	Mr. Rajesh Nikose	ADM	Ext. 107

ANNEXURE-20

EMERGENCY CONTROL CENTRE

Location of Centre: Main Adm. **Telephone No. of the ECC:** 105			
Sr. No.	**Items kept in the center**	**Quantity**	**Notes**
1	2	3	4
1	SCBA set	01	
2	Cartridge mask	05	
3	Rubber hand gloves	20 Pairs	
4	PVC Hand Gloves	20 pairs	
5	Dust mask	100	
6	Gum Boot	05 pairs	
7	Safety Helmet	05	
8	Safety Goggles	10	
9	Onsite Emergency Plan	01	
10	List of Emergency Phone No.	01	
11	Plant Lay out copy	01	

ANNEXURE-21

FIRE AND TOXICITY CONTROL ARRANGEMENTS

- **TAC APPROVED FIRE HYDRANT SYSTEM**
- **WATER STORAGE CAPACITY : 1000 K L**
- **FIRE PUMPS**

Primary electricity driven pump : 273 M3/Hr

Diesel Driven pump : 273 M3/Hr

Secondary electricity driven pump : 173 M3/ Hr

Jockey pump (Old) : 03 M3/Hr

Jockey pump (New) : 03 M3/Hr

- **DETAIL OF FIRE HYDRANT POSTS & MONITORS**

SHP : 50 Nos.

Monitors : 18 Nos.

- **DETAIL OF FIRE EXTINGUISHERS**

SR. No.	Location	Type	Capacity
1	ADM OFFICE	CO2	9.0 Kg
2	ADM OFFICE	CO2	4.5 Kg

3	ADM OFFICE	CO2	4.5 Kg
4	OHC	CO2	4.5 Kg
5	AMBULANCE VAN	ABC	1.0 Kg
6	CANTEEN	CO2	2.0 Kg
7	CANTEEN	CO2	4.5 Kg
8	STORE	CO2	4.5 Kg
9	New Lab	CO2	4.5 Kg
10	New Lab	ABC	2.0 Kg
11	New Lab	CO2	2.0 Kg
12	New Lab	ABC	2.0 Kg
13	New Lab	CO2	2.0 Kg
14	DG Room	CO2	4.5 Kg
15	DG Room	CO2	9 Kg
16	DG Room	CO2	4.5 Kg
17	DG Room (First Floor)	CO2	4.5 Kg
18	DG Room	FOAM	50 Lit.
19	Pump House	CO2	4.5 Kg
20	Charging Area	DCP	5.0 Kg
21	Charging Area	DCP	5.0 Kg
22	Charging Area	Foam	50 Lit.
23	Charging Area	DCP	5.0 Kg

24	Charging Area	ABC	4.0 Kg
25	GAS STATION	ABC	9.0 Kg
26	Bunker Area Plant 01	ABC	4.0 Kg
27	Inci Plant 01	CO2	9.0 Kg
28	Inci Plant 01	CO2	4.5 Kg
30	Inci Plant 01	ABC	4.0 Kg
31	Inci Plant 01	ABC	4.0 Kg
32	Inci Plant 01	ABC	4.0 Kg
33	Inci Plant 01	ABC	4.0 Kg
34	Inci Plant 01	ABC	9.0 Kg
35	Inci Plant 01	ABC	4.0 Kg
36	Inci Plant 01	ABC	4.0 Kg
37	Inci Plant 01	ABC	4.0 Kg
38	Inci Plant 01	ABC	4.0 Kg
39	Inci Plant 01	ABC	4.0 Kg
40	Inci Plant 01	ABC	4.0 Kg
41	Scrubber Plant 01	ABC	4.0 Kg
42	Scrubber Plant 01	ABC	4.0 Kg
43	Scrubber Plant 01	ABC	4.0 Kg
44	Scrubber Plant 01	ABC	4.0 Kg
45	Scrubber Plant 01	ABC	4.0 Kg

46	Scrubber Plant 01	ABC	4.0 Kg
47	Inci Plant 02	CO2	4.5 Kg
48	Inci Plant 02	CO2	2.0 Kg
49	Control Room Plant 02	CO2	4.5 Kg
50	Control Room Plant 02	CO2	4.5 Kg
51	Control Room Plant 02	Clean Agent	2.0 Kg
52	Control Room Plant 02	CO2	4.5 Kg
53	Control Room Plant 02	CO2	4.5 Kg
54	Inci Plant 02	ABC	9.0 Kg
55	Inci Plant 02	ABC	4.0 Kg
56	Inci Plant 02	ABC	4.0 Kg
57	Inci Plant 02	ABC	4.0 Kg
58	Inci Plant 02	ABC	9.0 Kg
59	Inci Plant 02	ABC	9.0 Kg
60	Inci Plant 02	ABC	4.0 Kg
61	Inci Plant 02	ABC	4.0 Kg
62	Inci Plant 02	ABC	4.0 Kg
63	Scrubber Inci Plant 02	ABC	4.0 Kg
64	Scrubber Inci Plant 02	ABC	4.0 Kg
65	Scrubber Inci Plant 02	ABC	4.0 Kg
66	Scrubber Inci Plant 02	ABC	4.0 Kg

67	Scrubber Inci Plant 02	ABC	4.0 Kg
68	Scrubber Inci Plant 02	ABC	4.0 Kg
69	Boiler	ABC	4.0 Kg
70	Boiler	CO2	2.0 Kg
71	Boiler	FOAM	45 LIT.
72	MEE Plant	CO2	4.5 Kg
73	MEE Plant	FOAM	45 LIT.
74	MEE Plant	ABC	4.0 Kg
75	MEE Plant	ABC	4.0 Kg
76	MEE Plant	ABC	4.0 Kg
77	MEE Plant	ABC	4.0 Kg
78	MEE Plant	CO2	4.5 Kg
79	SPD First Floor	ABC	4 Kg
80	SPD First Floor	CO2	4.5 Kg
81	SPD Third Floor	ABC	4 Kg
82	SPD Third Floor	ABC	4 Kg
83	STP Plant	CO2	4.5 Kg
84	Compressor Room	CO2	9.0 Kg
85	Compressor Room	DCP	5.0 Kg
86	SHED 01	ABC	9.0 Kg
87	SHED 01	ABC	4.0 KG

88	SHED 01	FOAM	45 LIT.
89	SHED 01	FOAM	45 LIT.
90	SHED 02	FOAM	45 LIT.
91	SHED 03	FOAM	45 LIT.
92	SHED 03	DCP	10.0 KG
93	SHED 04	ABC	9.0 KG
94	SHED 04	FOAM	45 LIT.
95	SHED 05	FOAM	45 LIT.
96	SHED 06	FOAM	45 LIT.
97	SHED 06	FOAM	45 LIT.
98	SHED 07	FOAM	135 LIT.
99	SHED 07	FOAM	45 LIT.
100	SHED 07	ABC	9.0 Kg
101	PLASTIC PROCESSING PLANT 01	ABC	4.0 Kg
102	PLASTIC PROCESSING PLANT 02	CO2	4.5 Kg
103	Aishwarya Engg.W/S	CO2	4.5 Kg
104	E-waste	ABC	9 Kg
105	E-waste	ABC	9 Kg
106	E-waste	CO2	4.5 Kg
107	E-waste	CO2	4.5 Kg
108	Marketing Office	CO2	4.5 Kg

109	STABILIZATION PLANT	ABC	9.0 Kg
110	STABILIZATION PLANT	ABC	9.0 Kg
111	STABILIZATION PLANT	ABC	9.0 Kg
112	STABILIZATION PLANT	ABC	4.0 Kg
113	STABILIZATION PLANT	CO2	4.5 Kg
114	Security	ABC	9 kg

- **Nine nos. of mobile foam trolley having 200 Lit. capacity are also available.**

ANNEXURE-22

MEDICAL ARRANGEMENTS

Sr. No.	Name & Location	Incharge Person		Facilities & Equipment	Anti-dotes available	First aiders available	Ambulance van or alternate arrangement		
		Name	Phone No.				Place of availability	Capacity	Incharge
1	2	3	4	5	6	7	8	9	10
1	OHC Nr. Main Gate	Mr. Dharmen Mistry	233	First Aid treatment facility	Atropin Avil Methelene Blue Snake bite PAM DNS TT	Mr. Tiwari Mr. Shailesh	Main Gate	Ambulance-2 Maruti Van-2 person Car-2 person	Mr. Ashish Gurjar

Mutual Aid Arrangements

Name & address of the factories & Hospitals	Approximate distance	Phone No.	Facilities available				
			Accommodation	Doctors	Equipments	Antidotes	Ambulance
11	12	13	14	15	16	17	18
Orange Multi specialty Hospital	7 KM	246535	50	Available	All type	Available	1
Jayaben Modi Hospital	5 KM	222220	100	Available	All type	Available	2
UPL Unit # 1	5 KM	251223	-	Available	First aid	Available	1

UPL Unit # 2	3 KM	250578	-	Available	First aid	Available	1
UPL Unit # 3	2 KM	251189	-	Available	First aid	Available	1
Rallis (Agro)	1 KM	251284	-	Available	First aid	Available	1
Asian Paints (Paints Division)	2 KM	220218	-	Available	First aid	Available	1
Coromandel	1 KM	222471	-	Available	First aid	Available	1

ANNEXURE-23

TRANSPORT & EVACUATION ARRANGEMENTS

Sr. No.	Type of vehicle	Capacity	Place of availability	Incharge	Phone No.
1	2	3	4	5	6
1	Ambulance van	2 persons	Main Gate	Mr. Ashish Gurjar	107
1	Maruti Van	2 persons	Main Gate	Mr. Ashish Gurjar	107
2	Car	2 persons	Main Gate	Mr. Ashish Gurjar	107

ANNEXURE-24

POLLUTION CONTROL ARRANGEMENTS

Water Pollution Controls					**Air Monitoring**					
Type & capacity of effluent treatment plant	**No. of sample monitoring centers & its frequency**	**Other control measures**	**Logbook & records**	**Incharge person's name address & phones**	**No and place of sample monitoring centers**	**Type parameters & frequency of tests**	**Wind direction & velocity meters**	**Instruments available**	**Logbook & records**	**In charge person's name address & phones**
1	2	3	4	5	6	7	8	9	10	11
MEE Plant 15 MT/Hr.	01 Daily	Pumping system for W/W transferring	Available	Mr. Chintan Patel	Nr. Laboratory	As per CCA	Weather monitoring system	Available	Form No. 37	Sathish
Wastewater sent to CETP (ETL) for treatment					Nr. Bore well No. HB 05	As per CCA	Weather monitoring system	Available	Form No. 37	Sathish

STACK MONITORING				**SCRUBBERS**			**Pollution control Board**	
No. & Location of sample places	**Type Parameters & frequency of tests**	**Instruments provided**	**Log book & records**	**Location**	**Type & capacity**	**Incharge person**	**Permission obtained?**	**Conditions fulfilled**
12	13	14	15	16	17	18	19	20
Incinerator-1 & 2	As per CCA	Online continuous monitoring system	Available	Incinerator-1 & 2	Packed bed 75 m3/hr.	Mr. Dinkar Trivedi	Yes	Yes

ANNEXURE-25

OTHER ARRANGEMENTS

Sr. No.	Type and name of arrangements available	Qty.	Place of availability	Incharge person's	
				Name & designation	Phone
1	2	3	4	5	6
1	JCB / Dozzer	05	Landfill site	Mr. Rajesh Nikose Sr. Manager	9909994933
2	Forklift	06	Plant	Mr. Dinkar Trivedi DGM	9978996347
3	Transporters for Material	03	Landfill Site	Mr. Pratik Shah Sr. Officer	9099064266
4	DG Sets	02	Plant	Mr. Mahesh Panchal DGM	9978447294
5	Fire Trailer Pump	01	Plant	Mr. Sanjay Joshi DGM Safety	7575001962
6	Mechanical Foam	1 KL	Plant	Mr. Sanjay Joshi DGM Safety	7575001962
7	Mobile Foam Trolley	02	Plant	Mr. Sanjay Joshi DGM Safety	7575001962
8	NABL & MoEF approved Test Facilities	01	QC	Mr. Sathish Gaddam DGM	8238088363

ANNEXURE-26

ALARMS & SIRENS

Sr. No.	Location of Sirens	Type of the alarm or siren	Period of checking	Type of emergency	Type of Siren	Duration Of sounding
1	2	3	4	5	6	7
1	Main admin	Electrical	Weekly	Fire or Other	Interrupted	10 sec. ON & 5 sec. OFF three times
				Gas leak	Interrupted	15 Sec. ON & 15 Sec. OFF four times
2	Incinerator Plant	Electrical	Weekly	All clear	continuous	1 min. continuous
				Testing	continuous	1 Min. Continuous on every Wednesday

ANNEXURE-27

INTERNAL PHONES

Sr. No.	Name of the plant / department	Intercom number	Person available on this phone		
			Name	Designation or duty under 0n-site / off-site emergency plan, if any	Residence Phone No.
1	2	3	4	5	6
1	ADM	101	Mr. B D Dalwadi	SMC	9909994959
2	ADM	115	Mr. Manoj Patel	SMC	9909994907
3	Production	202	Mr. Atul Agrawal	IC	9909994908
4	Incinerator	217	Mr. Dinkar Trivedi	IC	9978996347
5	MEE	223	Mr. Chintan Patel	Key Personnel	9974925181
6	Warehouse	239	Mr. Viral Patel	Dy. IC	9925497837
7	QC	127	Mr. Sathish Gaddam	Key Personnel	8238088363

8	Maintenance	245	Mr. Geet Dixit	Dy. IC	7698889800
9	Electrical	255	Mr. Shaharyarkhan pathan	Key Personnel	9687007990
10	Safety	232	Mr. Sanjay Joshi	Key Personnel	7575001962
11	Instrument	204	Mr. Chirag Patel	Key Personnel	8320974288
12	HR	107	Mr. Ashish Gurjar	Key Personnel	9913064336
13	Civil/Landfill	113	Mr. Rajesh Nikose	Key Personnel	9909994933
14	Marketing	152	Mr. Rajeev Mathur	Key Personnel	8238040998
15	Security	112	Mr. Pan Singh	Key Personnel	8758201814
16	OHC	108	Mr. L.N Tiwari	Key Personnel	6359359190
17	Store	239	Mr. Anant Raval	Key Personnel	9909992978
18	E-waste	-	Mr. Mahesh Panchal	Key Personnel	9978447294
19	ZLD	-	Mr. Prabhakar Pandey	Key Personnel	9909994920

ANNEXURE-28

EXTERNAL PHONES

Sr. No	Name	Office Phone No
1	2	3
1	UPL Unit # 1	251223 / 250336
2	UPL Unit # 2	250578 / 250563
3	UPL Unit # 3	251189
4	Fire Station	220229 / 226101 / 257201
5	UPL Unit # 5 Jhagadia Fire Station	02645 – 226012 / 226014
6	GPCB Local Office, Ankleshwar	02646 – 222932 / 222933
7	Rallis (Agro)	251284
8	Asian Paints (Paints Division)	220218 / 220268
9	Coromandal International	222471
10	GIL	251472 / 222271
11	Agrevo India (Hoechst)	221113 / 221358
12	Gujarat Lyka	222785
13	GEB	256703
14	Railway Station, Ankleshwar	131
15	State Transport Office	257030
16	Dr A K Patel	256535
17	Dr Mahesh Mistry	9825282789
18	Smt Jayaben Modi Hospital	222220 / 224550
19	GIDC Police Station	225551
20	Mamlatdar Ankleshwar	246603
21	Sub Divisional Magistrate	242649
22	DPMC	226101 / 220229
23	AEPS	253802
24	Ankleshwar Nagar Palika	247137
25	District Collector, Bharuch	02642 – 244500 / 240600
26	Ankleshwar Industries Association	221000 / 222000

Sr. No	Name	Office Phone No
1	2	3
27	Enviro Technology Ltd	223569 / 252768
28	President, Ankleshwar Industries Association	251155
29	District Industries Center	02642 – 240981 / 243478
30	Senior Inspector of Factories, Bharuch	02642 – 240421 / 225838
31	Industrial Solvent	251173 / 239551
32	GGCL	246121 / 246122 / 246125

ANNEXURE-29

NOMINATED PERSONS TO DECLARED MAJOR EMERGENCY

Sr. No.	Name of the plant/ location	Name & designation of the nominated persons to declare major emergency	Duty of designation given if any under the on-site/off-site emergency plan	Phone No.	Residence	
					Phone No.	Address
1	2	3	4	5	6	7
1	ADM	Mr. B D Dalwadi (CEO)	SMC	252768/ 223569	9909994959	408/9 Sardar Patel Society, GIDC Ankleshwar
2	ADM	Mr. Manoj Patel (GM)	SMC	226591/ 225228	9909994907	11-Shantiniketan Society, GIDC Ankleshwar

ANNEXURE-30

A FORM TO RECORD EMERGENCY TELEPHONE CALLS

PART A: ESSENTIAL INFORMATION		
Details of call as reported		
Caller's Name & designation _____ Date _____ Time _____ phone No. _____		
Purpose of call Is any particular advice required immediately?		
Name of Chemicals To be spelt out clearly		
Brief description of incident Fire / Explosion / Liquid Spill / Gas release Quantity involved Packaging / storing / handling / using details Location of incident Cause, if known, in brief		
PART B: INFORMATION TO BE OBTAINED IF READILY AVAILABLE		
Has anyone been injured?	Yes / No	If yes, how many?
Affected by chemicals?	Yes / No	If yes, how many?
What first-aid had been given?		
Has anyone been taken to hospital? If yes, address of the hospital		Yes / No
Is the road blocked? Closed to		Yes / No
Who owns the chemicals? Has the owner been informed?		Yes / No

If caused by vehicle, Vehicle Number _____ Name & address of the Owner_____ Has the owner been informed? Yes / No To whom was the load consigned?

ANNEXURE-31

STATUTORY COMMUNCATION

Statutory information to be given to:	**Periodicity of such information to be given (statutory or self-decided)**	**Date of last information given**	**Suggestions received if any**
1	2	3	5
The workers	Regular through training, leaflets etc.	Regular training and information	--
The general public & neighboring firms	As & when required.	02.05.2017	--
District Emergency Authority	As & when asked for	--	--
Factory Inspectorate	a) Prior approval for Construction, production b) During expansion c) Change of process/ Organization structure d) Updated information As & When Required	02.05.2017	--

ANNEXURE-32

SEPERATION DISTANCES

Sr. No.	Substance	Tank / Storage shed		Separation Distance (M)
		Capacity (T)	Nos.	
1	2	3	4	5
1	Hazardous Waste	--	10	15

ANNEXURE-33

EMERGENCY INSTRUCTION BOOKLET

Sr. No.	Role to be played as	His emergency duties / functions	Also refer	He should report at
1	2	3	4	5
1	Incident Controller	1. Assess the scale of the emergency and decide if a major emergency exists or is likely. On his decision, he will activate the on-site emergency plan and if necessary the off-site emergency plan 2. Assume the duties of the Site Main Controller pending the latter's arrival. For this purpose, he will depute his deputy on the scene and he will go to the control center. Particularly he will- a) Direct the shutting down and evacuation of the plant and areas likely to be affected by the emergency. b) Ensure that the outside emergency services, including mutual aid, have been called in. c) Ensure that key personnel have been called in. 3. Direct all operations within the affected area with the following priorities: a) Secure the safety of the personnel. b) Minimize damage to plant, property and the environment. c) Minimize loss of material. 4. Direct rescue and firefighting operations until the arrival of	Emergency Duty Card	The Incident Place

		the outside Fire Brigade, when he will relinquish control to the Fire Brigade. 5. Search for casualties. 6. Evacuate non-essential workers to the assembly points. 7. Set up a communications point and establish radio/telephone/messenger contact as appropriate with the Emergency Control Centre. 8. Give advice and information as requested to the Head of the Fire Brigade and other Emergency Services. 9. Brief the site main controller and keep informed of developments. 10. Preserve evidences that will be necessary for subsequent inquiry in to the cause of the emergency and concluding preventive measures.		
2	Site Main Controller	1. Relieve the incident controller of responsibility for overall main control. 2. On consultation with the incident controller decide whether major emergency exist and on declaration of a major emergency, ensure that the outside emergency services and mutual help are called, the off-site plan activated and if necessary, nearby factories and population are informed. 3. Ensure that the key personnel are called in. 4. Exercise direct operational control of those parts of the works outside the affected area. 5. Continually review and assess possible developments to	Emergency Duty Card	Emergency Control Center

		determine the most probable course of events. 6. Direct the safe close down and evacuation of plants in consultation with the incident controller and key personnel. If necessary, arrange for evacuation of neighboring population. 7. Ensure that casualties are receiving adequate attention. Arrange for hospitalization of victims and additional help, if required. Ensure that the relatives are advised. 8. Inform and communicate with the chief officers of the fire and police service. District emergency authority and with the factory inspectorate and experts on health and safety. Provide advice on possible effects on areas outside the factory. 9. In case of prolonged emergencies involving risk to outside areas by windblown materials. Contact the local meteorological office to receive early notification of impending changes in weather conditions. 10. Ensure the accounting for personnel and rescue of missing persons. 11. Control traffic movement within the factory. 12. Arrange for a chronological record of the emergency to be maintained. 13. Where the emergency is prolonged, arrange for the relief of personnel and the provision of catering facilities. 14. Issue authorized statements to the news media. Where necessary, inform head office.		

		15. Ensure that proper consideration is given to the preservation of evidence. Arrange for photographs/videos. 16. Control rehabilitation of affected areas and victims on cessation of the emergency. Do not restart the plant unless it is ensured safe to start and cleared by authorities.		
3	Key Personnel	As necessary, they will decide the actions needed to shut down plants, evacuate personnel, carry out emergency engineering work, arrange for supplies of equipment, utilities (fuel, water, power, etc.) carry out atmospheric tests, provide catering facilities, liaise with police, fire brigade, emergency planning authority, factory inspectorate, hospitals, neighboring industries find population, assembly points, outside shelters, mutual aid centers, relatives of casualties, press and so on, under the direction of the site main controller.	Emergency Duty Card	Emergency Control Center
4	Essential workers	1. Firefighting, gas leak and spill control till a fire brigade takes the charge. 2. To help to the fire brigade and mutual aid teams, if it is so required. 3. Shutting down plant and making it safe. 4. Emergency engineering work e.g. isolating equipment, materials, process, providing temporary by-pass lines, safe transfer of material, urgent repairing or replacement, electrical work etc. 5. Provision of emergency power, water, lighting, instruments, equipments, material etc. 6. Movement of equipment, special vehicle and transport to or	Emergency Duty Card	The Incident Place

		from the site of the incident. 7. Search evacuation, rescue, and welfare. 8. First-aid and medical help. 9. Moving tankers or other vehicles from areas of risk. 10. Carrying out atmospheric test and pollution control. 11. Manning of assembly points to record the arrival of evacuated personnel. Manning for outside shelters and welfare of evacuated persons there. 12. Assistance at casualties' reception areas to record details of casualties. 13. Assistance at communication centers to handle outgoing and incoming calls and to act as messengers if necessary. 14. Manning of works entrances in liaison with the police to direct emergency vehicles entering the work, to control traffic leaving the works and to turn away or make alternative safe arrangements for visitors, contractors and other traffic arriving at the works. 15. Informing surrounding factories and the public as directed by the site main controller. 16. Any special help required.		

O/C

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

Date – 01st November 2025

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 2025-2026.

Respected Sir,

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

Kindly acknowledge receipt of the same.

Thanking you,
For, BEIL Infrastructure Limited, Ankleswar.

Factory Manager

BEIL Infrastructure Ltd. Ankleshwar

Encl.: As above.

01-11-25
02:34 PM

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

Annexure-09

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

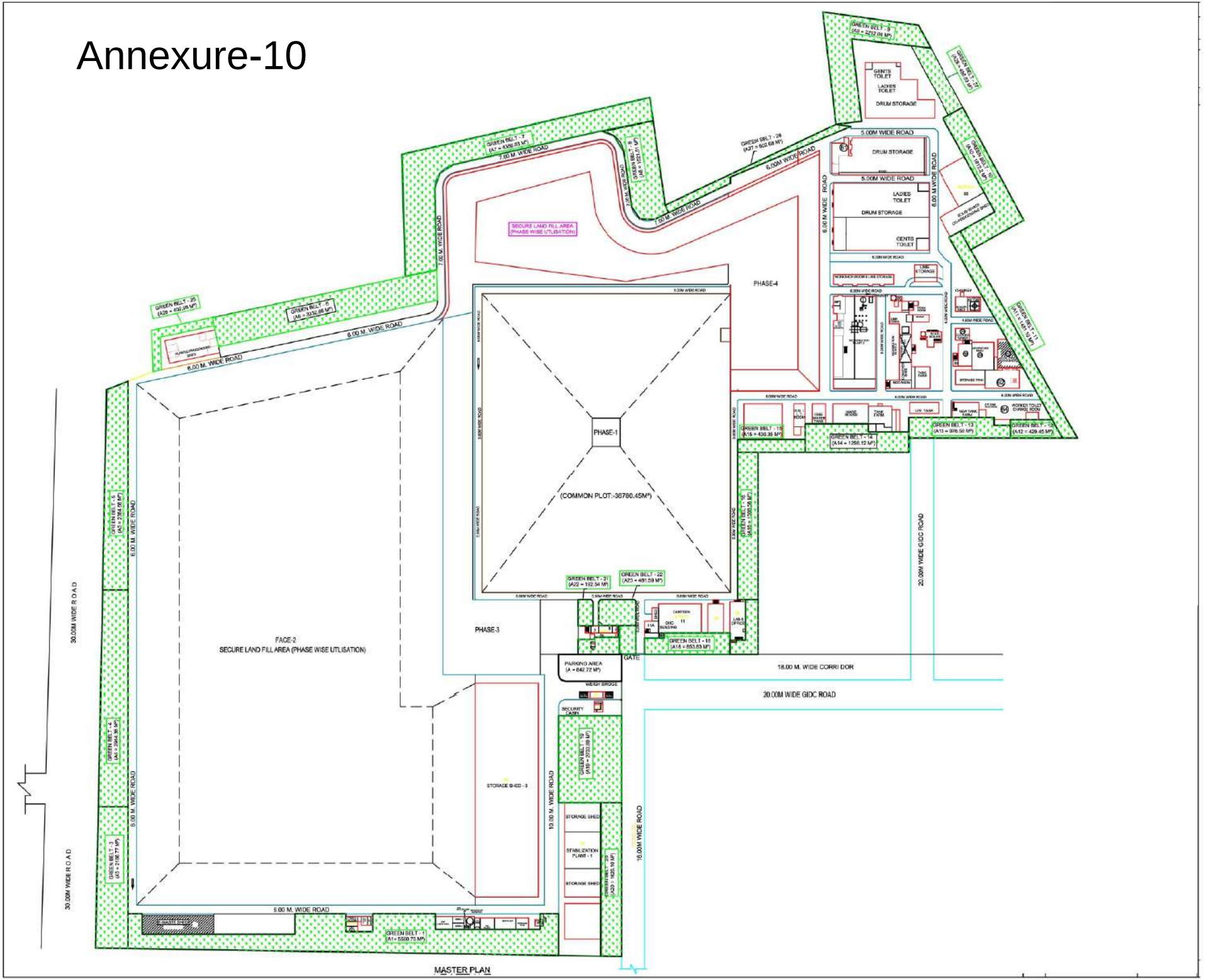
Certification body address: 5th Floor, 66 Prescot Street, London, E1 8HG, United Kingdom.

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.**

Bureau Veritas Certification

Annexure-10


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
GREEN BELT - 5
GREEN BELT - 6
GREEN BELT - 7
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GREEN BELT - 24
GREEN BELT - 25
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

ગ્રામ પંચાયત સેંગપુર તા.અંકલેશ્વર ની તા.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) : વનકટણા કુવા ની મંજુરી આપવા બાબત

ઠરાવ ૬(૫) : થી ઠરાવ કરવામાં આવે છે કે ગ્રામ પંચાયત સેંગપુર ગામે. જી.ઈ.બી.ની બાજુમાં સર્વે નં.૧૨૨૬ પૈકી૨ વિ. પુરા સેંગપુર ગામના સર્વે નં.૮૬ ક્ષેત્રફળ ૨-૨૨-૨૭, ૦-૨-૩૪-૦૫, સર્વે નં.૯૨-૩-૬૬૩ સર્વે નં.૮૮-૨-૪૨-૭૪ પૈકી સર્વે નંબરના વનકટણા કુવા ની મંજુરી આપવા થાય ની સભા સર્વાનુમતે ઠરાવવુ

॥ ઠરાવ ૬(૫) સર્વાનુમતે મંજુર ॥

આથી ઉપરની બધી 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)
કુલ ક્ષેત્રફળ	૩-૦૫-૫૪		
આકાર રૂ.	૧૩.૦૦		
જુડી તથા વિશેશધારો રૂ	૦.૦૦		
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
જરાયત	૨-૩૪-૦૫		૧૪૬૩,૧૯૧૫,૫૬૭૪*,
પો.ખ. અ	0-03-04		
----------	----------	૬૯૧ | ૨-૩૪-૦૫ | ૯.૦૦	ગૌચરણ(૧૪૬૩)
કુલ ક્ષેત્રફળ	૨-૩૭-૦૯		
આકાર રૂ.	૯.૦૦		
જુડી તથા વિશેશધારો રૂ	0.00		
પાણીભાગ રૂ.	0.00		

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
જરાયત	3-૯૯-૬૩		૧૪૬૩,૧૯૨૫,૪૩૩૫,
પો.ખ. અ	0-૨૬-30	----------	----------
----------	----------	૬૯૧ | 3-૯૯-૬૩ | ૧૭.00	ગૌચરણ(૧૪૬૩)
કુલ ક્ષેત્રફળ	૪-૨૫-૯૩		
આકાર રૂ.	૧૭.00		
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	----------	----------
----------	----------	૬૯૧ | ૨-૪૧-૭૪ | 0.00	ગૌચરણ(૧૪૬૩)
ેત્રફળ	૨-૪૨-૮૧		
૨ રૂ.	0.00		
તથા વિશેશધારો રૂ	0.00		
ભાગ રૂ.	0.00		

તિયાની વિગતો	બીજા હકો અને બોજાની વિગતો

Not For Sale

Annexure-11

કમાક/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

કમાંક/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 કમાંક : 800 થી મોકલેલ તે આ સાથે દસ્તાવેજ સહિત પરત કરેલ છે.

S/d
ડાયરેકટર
ઇન્ડસ્ટ્રીયલ સેફટી એન્ડ હેલ્થ
ગુજરાત રાજય અમદાવાદ

Annexure-12

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

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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

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PHONE : (02646) 253135, 225228

March 24, 2008

Mr Pravinbhai P Sheth
Senior Citizen
Ankleshwar

Dear Sir;

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For, Bharuch Enviro Infrastructure Ltd

DR P N PARAMESWARAN
Sr General Manager (Environment)

Encl : a/a

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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

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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

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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

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Yours faithfully
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DR P N PARAMESWARAN
Sr General Manager (Environment)

Encl : a/a

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PHONE : (02646) 251252 / 251223 / 251249 FAX : (02646) 250297

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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

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Yours faithfully
For, Bharuch Enviro Infrastructure Ltd

DR P N PARAMESWARAN
Sr General Manager (Environment)

Encl : a/a

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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

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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.

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 : 9701-16, P.S. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
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.

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

Annexure-13

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 (લિટિંગ 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.

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

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

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Sea threatens to drown Dandi's histor

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.

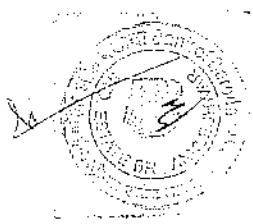
Composite Hypothecation Agreement executed by the company hypothecating all the current assets including movables machineries the credit limits availed by the company..

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.

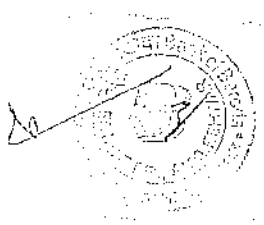


3. After creation / extension of Equitable Mortgages, the mortgaged documents are also to be got vetted from the Regional Legal Department. Discrepancies, if any, are to be rectified.
4. The sanctioned / increased credit facilities will be disbursed only after execution of stipulated security documents 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]

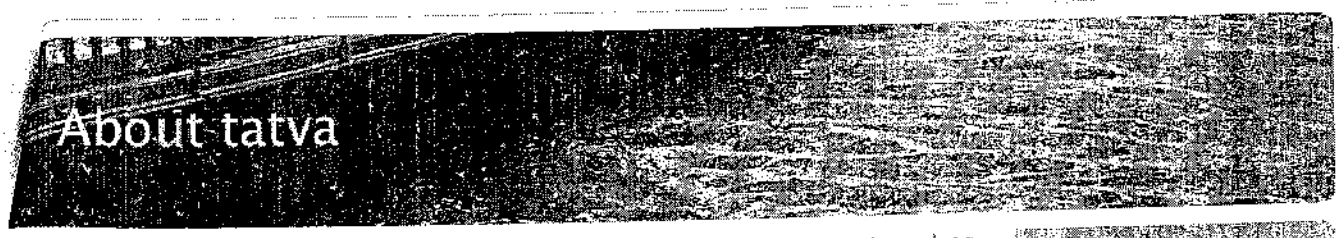
Branch Offices :
(1) 202, Harmony Complex, 28, Nutan Bharat Soc. Akshar Marg, Vadodara-390 007.
(2) [illegible] Road, Delhi-[illegible]

Annexure-9

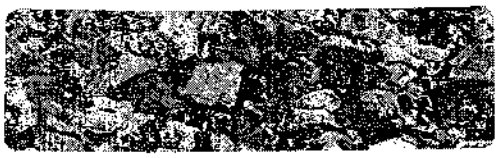
tatva
Fostering nature in its elements

Employee Login

HOME | OUR IDENTITY | SOLUTIONS | RESEARCH & INNOVATION | SUSTAINABILITY | MEDIA | CONTACT US



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

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:	Landfill -Gas Vent Sample		
Sample Quantity:	01	Sampling Date:	As per Below Table
Sampling Location:	Landfill Site Phase-2	Sample Received Date:	As per Below Table
Sample Collected By:	BEIL Lab (Mr. Ajay Patel)	Sampling Procedure:	By Instrument Method VOCMeter, Draeger Pump
Packing Details:	Not Applicable	Analysis Start Date:	As per Below Table
Fuel:	Not Applicable	Analysis Completion Date:	As per Below Table

Phase - II Monitoring of Gas Vent Provided in SLF

Sr. No.	Location	VOC Results in ppm			H_2S Results in ppm		
		20-Jan-2026	18-Feb-26	19-Mar-2026	20-Jan-2026	18-Feb-26	19-Mar-2026
1	VENT -01	BDL	BDL	BDL	BDL	BDL	BDL
2	VENT -02	BDL	0.1	BDL	BDL	BDL	BDL
3	VENT -03	0.1	BDL	BDL	BDL	BDL	BDL
4	VENT -04	BDL	BDL	0.3	BDL	BDL	BDL
5	VENT -05	BDL	BDL	BDL	BDL	BDL	BDL
6	VENT -06	BDL	0.2	BDL	BDL	BDL	BDL
7	VENT -07	BDL	BDL	BDL	BDL	BDL	BDL
8	VENT -08	0.3	BDL	BDL	BDL	BDL	BDL
9	VENT -09	BDL	BDL	0.4	BDL	BDL	BDL
10	VENT -10	BDL	BDL	BDL	BDL	BDL	BDL
11	VENT -11	BDL	0.3	BDL	BDL	BDL	BDL
12	VENT -12	BDL	BDL	BDL	BDL	BDL	BDL
13	VENT -13	BDL	BDL	0.2	BDL	BDL	BDL
14	VENT -14	BDL	BDL	BDL	BDL	BDL	BDL
15	VENT -15	0.4	BDL	BDL	BDL	BDL	BDL
16	VENT -16	BDL	BDL	BDL	BDL	BDL	BDL
17	VENT -17	BDL	BDL	0.1	BDL	BDL	BDL
18	VENT -18	BDL	0.2	BDL	BDL	BDL	BDL
19	VENT -19	BDL	BDL	BDL	BDL	BDL	BDL
20	VENT -20	BDL	BDL	0.4	BDL	BDL	BDL
21	VENT -21	BDL	BDL	BDL	BDL	BDL	BDL
22	VENT -22	0.3	BDL	BDL	BDL	BDL	BDL
23	VENT -23	BDL	BDL	0.2	BDL	BDL	BDL
24	VENT -24	BDL	BDL	BDL	BDL	BDL	BDL
25	VENT -25	BDL	0.4	BDL	BDL	BDL	BDL

Continue...

Regd. Office & Works Office : Plot No. 9701-16, GIDC Estate, Post Box No. 82, Ankleshwar - 393 002, Dist. : Bharuch (Gujarat)
Tel. : 9909994996 Web : www.beil.co.in E-mail : patelnb1@beil.co.in,dhaval.upasani@beil.co.in
CIN NO. U45300GJ1997PLC032696
Terms & Condition are on backside

ANALYTICAL RESEARCH LABORATORY
BEIL INFRASTRUCTURE LIMITED

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:	Landfill -Gas Vent Sample		
Sample Quantity:	01	Sampling Date:	As per Below Table
Sampling Location:	Landfill Site Phase-2	Sample Received Date:	As per Below Table
Sample Collected By:	BEIL Lab (Mr. Ajay Patel)	Sampling Procedure:	By Instrument Method VOCMeter, Draeger Pump
Packing Details:	Not Applicable	Analysis Start Date:	As per Below Table
Fuel:	Not Applicable	Analysis Completion Date:	As per Below Table

Phase - II Monitoring of Gas Vent Provided in SLF

Sr. No.	Location	VOC			H_2S		
		Results in ppm			Results in ppm		
		20-Jan-2026	18-Feb-26	19-Mar-2026	20-Jan-2026	18-Feb-26	19-Mar-2026
26	VENT -26	BDL	BDL	BDL	BDL	BDL	BDL
27	VENT -27	BDL	0.3	BDL	BDL	BDL	BDL
28	VENT -28	BDL	BDL	BDL	BDL	BDL	BDL
29	VENT -29	0.2	BDL	0.1	BDL	BDL	BDL
30	VENT -30	BDL	BDL	BDL	BDL	BDL	BDL
31	VENT -31	BDL	BDL	BDL	BDL	BDL	BDL
32	VENT -32	BDL	BDL	BDL	BDL	BDL	BDL
33	VENT -33	BDL	0.2	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	0.2	BDL	BDL	BDL
37	VENT -37	BDL	BDL	BDL	BDL	BDL	BDL
38	VENT -38	0.1	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	0.3	BDL	BDL	BDL	BDL
43	VENT -43	BDL	BDL	BDL	BDL	BDL	BDL
44	VENT -44	BDL	BDL	BDL	BDL	BDL	BDL
45	VENT -45	BDL	BDL	0.3	BDL	BDL	BDL
46	VENT -46	0.4	BDL	BDL	BDL	BDL	BDL
47	VENT -47	BDL	BDL	BDL	BDL	BDL	BDL
48	VENT -48	BDL	BDL	BDL	BDL	BDL	BDL
49	VENT -49	BDL	0.2	BDL	BDL	BDL	BDL
50	VENT -50	BDL	BDL	BDL	BDL	BDL	BDL

Continue...

Regd. Office & Works Office : Plot No. 9701-16, GIDC Estate, Post Box No. 82, Ankleshwar - 393 002, Dist. : Bharuch (Gujarat)
Tel. : 9909994996 Web : www.beil.co.in E-mail : patelnb1@beil.co.in,dhaval.upasani@beil.co.in
CIN NO. U45300GJ1997PLC032696
Terms & Condition are on backside

ANALYTICAL RESEARCH LABORATORY
BEIL INFRASTRUCTURE LIMITED

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:	Landfill -Gas Vent Sample		
Sample Quantity:	01	Sampling Date:	As per Below Table
Sampling Location:	Landfill Site Phase-2	Sample Received Date:	As per Below Table
Sample Collected By:	BEIL Lab (Mr. Ajay Patel)	Sampling Procedure:	By Instrument Method VOCMeter, Draeger Pump
Packing Details:	Not Applicable	Analysis Start Date:	As per Below Table
Fuel:	Not Applicable	Analysis Completion Date:	As per Below Table

Phase - II Monitoring of Gas Vent Provided in SLF

Sr. No.	Location	VOC Results in ppm			H_2S Results in ppm		
		20-Jan-2026	18-Feb-26	19-Mar-2026	20-Jan-2026	18-Feb-26	19-Mar-2026
51	VENT -51	BDL	BDL	BDL	BDL	BDL	BDL
52	VENT -52	BDL	BDL	BDL	BDL	BDL	BDL
53	VENT -53	BDL	BDL	BDL	BDL	BDL	BDL
54	VENT -54	0.1	BDL	BDL	BDL	BDL	BDL
55	VENT -55	BDL	BDL	BDL	BDL	BDL	BDL
56	VENT -56	BDL	0.2	BDL	BDL	BDL	BDL
57	VENT -57	BDL	BDL	BDL	BDL	BDL	BDL
58	VENT -58	BDL	BDL	BDL	BDL	BDL	BDL
59	VENT -59	BDL	BDL	0.1	BDL	BDL	BDL
60	VENT -60	BDL	BDL	BDL	BDL	BDL	BDL
61	VENT -61	BDL	BDL	BDL	BDL	BDL	BDL
62	VENT -62	BDL	BDL	BDL	BDL	BDL	BDL
63	VENT -63	BDL	0.3	BDL	BDL	BDL	BDL
64	VENT -64	BDL	BDL	BDL	BDL	BDL	BDL
65	VENT -65	BDL	BDL	BDL	BDL	BDL	BDL

END OF REPORT

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY
MR. NARENDRA B PATEL
(QUALITY MANAGER)

Regd. Office & Works Office : Plot No. 9701-16, GIDC Estate, Post Box No. 82, Ankleshwar - 393 002, Dist. : Bharuch (Gujarat)
Tel. : 9909994996 Web : www.beil.co.in E-mail : patelnb1@beil.co.in,dhaval.upasani@beil.co.in
CIN NO. U45300GJ1997PLC032696
Terms & Condition are on backside

ANALYTICAL RESEARCH LABORATORY
BEIL INFRASTRUCTURE LIMITED

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:	Landfill -Gas Vent Sample		
Sample Quantity:	01	Sampling Date:	As per Below Table
Sampling Location:	Landfill Site Phase-2	Sample Received Date:	As per Below Table
Sample Collected By:	BEIL Lab (Mr. Ajay Patel)	Sampling Procedure:	By Instrument Method VOCMeter, Draeger Pump
Packing Details:	Not Applicable	Analysis Start Date:	As per Below Table
Fuel:	Not Applicable	Analysis Completion Date:	As per Below Table

Phase - II Monitoring of Gas Vent Provided in SLF

Sr. No.	Location	VOC Results in ppm			H_2S Results in ppm		
		20-Oct-2025	16-Nov-25	22-Dec-2025	20-Oct-2025	16-Nov-25	22-Dec-2025
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	0.4	BDL	BDL	BDL	BDL
6	VENT -06	BDL	BDL	BDL	BDL	BDL	BDL
7	VENT -07	BDL	BDL	BDL	BDL	BDL	BDL
8	VENT -08	BDL	BDL	0.2	BDL	BDL	BDL
9	VENT -09	0.4	BDL	BDL	BDL	BDL	BDL
10	VENT -10	BDL	BDL	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	BDL	BDL	BDL	BDL	BDL
15	VENT -15	BDL	BDL	BDL	BDL	BDL	BDL
16	VENT -16	02	BDL	BDL	BDL	BDL	BDL
17	VENT -17	BDL	0.4	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	0.4	BDL	BDL	BDL
22	VENT -22	BDL	BDL	BDL	BDL	BDL	BDL
23	VENT -23	0.3	BDL	BDL	BDL	BDL	BDL
24	VENT -24	BDL	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
30	VENT -30	BDL	BDL	BDL	BDL	BDL	BDL
31	VENT -31	BDL	BDL	BDL	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	0.2	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	0.2	BDL	BDL	BDL	BDL	BDL
44	VENT -44	BDL	BDL	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	BDL	BDL	BDL	BDL
48	VENT -48	BDL	BDL	BDL	BDL	BDL	BDL
49	VENT -49	BDL	BDL	BDL	BDL	BDL	BDL
50	VENT -50	BDL	BDL	BDL	BDL	BDL	BDL
51	VENT -51	BDL	BDL	BDL	BDL	BDL	BDL
52	VENT -52	BDL	BDL	0.4	BDL	BDL	BDL
53	VENT -53	BDL	BDL	BDL	BDL	BDL	BDL
54	VENT -54	BDL	BDL	BDL	BDL	BDL	BDL
55	VENT -55	BDL	BDL	BDL	BDL	BDL	BDL
56	VENT -56	BDL	BDL	BDL	BDL	BDL	BDL
57	VENT -57	BDL	BDL	BDL	BDL	BDL	BDL
58	VENT -58	BDL	0.4	BDL	BDL	BDL	BDL
59	VENT -59	BDL	BDL	BDL	BDL	BDL	BDL
60	VENT -60	BDL	BDL	BDL	BDL	BDL	BDL
61	VENT -61	BDL	BDL	BDL	BDL	BDL	BDL
62	VENT -62	BDL	BDL	BDL	BDL	BDL	BDL
63	VENT -63	BDL	BDL	BDL	BDL	BDL	BDL
64	VENT -64	BDL	BDL	BDL	BDL	BDL	BDL
65	VENT -65	BDL	BDL	BDL	BDL	BDL	BDL

Remarks: Sampling done spot monitoring & on Quarterly basis

TEST REPORT

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

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY
MR. NARENDRA B PATEL
(QUALITY MANAGER)

ANALYTICAL RESEARCH LABORATORY
BEIL INFRASTRUCTURE LIMITED

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:	Landfill -Gas Vent Sample		
Sample Quantity:	01	Sampling Date:	As per Below Table
Sampling Location:	Landfill Site Phase-3	Sample Received Date:	As per Below Table
Sample Collected By:	BEIL Lab (Mr. Ajay Patel)	Sampling Procedure:	By Instrument Method VOCMeter, Draeger Pump
Packing Details:	Not Applicable	Analysis Start Date:	As per Below Table
Fuel:	Not Applicable	Analysis Completion Date:	As per Below Table

Phase - III Monitoring of Gas Vent Provided in SLF

Sr. No.	Location	VOC			H_2S		
		Results in ppm			Results in ppm		
		20-Oct-2025	16-Nov-25	22-Dec-2025	20-Oct-2025	16-Nov-25	22-Dec-2025
1	VENT -01	BDL	BDL	BDL	BDL	BDL	BDL
2	VENT -02	0.4	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	0.2	BDL	BDL	BDL	BDL
6	VENT -06	BDL	BDL	BDL	BDL	BDL	BDL
7	VENT -07	BDL	BDL	BDL	BDL	BDL	BDL

Remarks: Spot monitoring on Quarterly basis

END OF REPORT

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY
MR. NARENDRA B PATEL
(QUALITY MANAGER)

Regd. Office & Works Office : Plot No. 9701-16, GIDC Estate, Post Box No. 82, Ankleshwar - 393 002, Dist. : Bharuch (Gujarat)
Tel. : 9909994996 Web : www.beil.co.in E-mail : patelnb1@beil.co.in,dhaval.upasani@beil.co.in
CIN NO. U45300GJ1997PLC032696
Terms & Condition are on backside

ANALYTICAL RESEARCH LABORATORY
BEIL INFRASTRUCTURE LIMITED

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:	Landfill -Gas Vent Sample		
Sample Quantity:	01	Sampling Date:	As per Below Table
Sampling Location:	Landfill Site Phase-4	Sample Received Date:	As per Below Table
Sample Collected By:	BEIL Lab (Mr. Ajay Patel)	Sampling Procedure:	By Instrument Method VOC Meter, Dragan Pump
Packing Details:	Not Applicable	Analysis Start Date:	As per Below Table
Fuel:	Not Applicable	Analysis Completion Date:	As per Below Table

Phase – IV Monitoring of Gas Vent Provided in SLF

Sr. No.	Location	VOC Results in ppm			H_2S Results in ppm		
		19-Jan-2026	17-Feb-26	20-Mar-2026	19-Jan-2026	17-Feb-26	20-Mar-2026
1	VENT -01	BDL	BDL	BDL	BDL	BDL	BDL
2	VENT -02	BDL	BDL	BDL	BDL	BDL	BDL
3	VENT -03	BDL	BDL	0.2	BDL	BDL	BDL
4	VENT -04	0.3	BDL	BDL	BDL	BDL	BDL
5	VENT -05	BDL	BDL	0.2	BDL	BDL	BDL
6	VENT -06	BDL	0.4	BDL	BDL	BDL	BDL
7	VENT -07	0.2	BDL	BDL	BDL	BDL	BDL
8	VENT -08	BDL	BDL	BDL	BDL	BDL	BDL
9	VENT -09	BDL	BDL	0.4	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	0.3	BDL	BDL	BDL	BDL
13	VENT -13	BDL	BDL	0.3	BDL	BDL	BDL
14	VENT -14	0.2	BDL	BDL	BDL	BDL	BDL

Remarks: Spot monitoring on Quarterly basis

END OF REPORT

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY
MR. NARENDRA B PATEL
(QUALITY MANAGER)

ANALYTICAL RESEARCH LABORATORY
BEIL INFRASTRUCTURE LIMITED

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:	Landfill -Gas Vent Sample		
Sample Quantity:	01	Sampling Date:	As per Below Table
Sampling Location:	Landfill Site Phase-4	Sample Received Date:	As per Below Table
Sample Collected By:	BEIL Lab (Mr. Ajay Patel)	Sampling Procedure:	By Instrument Method VOC Meter, Dragan Pump
Packing Details:	Not Applicable	Analysis Start Date:	As per Below Table
Fuel:	Not Applicable	Analysis Completion Date:	As per Below Table

Phase – IV Monitoring of Gas Vent Provided in SLF

Sr. No.	Location	VOC			H_2S		
		Results in ppm			Results in ppm		
		20-Oct-2025	16-Nov-25	22-Dec-2025	20-Oct-2025	16-Nov-25	22-Dec-2025
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	0.2	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	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	0.2	BDL	BDL	BDL	BDL	BDL
11	VENT -11	BDL	BDL	BDL	BDL	BDL	BDL
12	VENT -12	BDL	0.3	BDL	BDL	BDL	BDL
13	VENT -13	BDL	BDL	BDL	BDL	BDL	BDL
14	VENT -14	BDL	BDL	BDL	BDL	BDL	BDL

Remarks: Spot monitoring on Quarterly basis

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

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY
MR. NARENDRA B PATEL
(QUALITY 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)
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Regd. Office : Plot No. 117-118, GIDC Estate, Ankleshwar 393 002,Dist.: Bharuch. (Gujarat)

Annexure-17

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

2011	36,472
2012	33,221
2013	39,747
2014	43,437
2015	33,888

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 Bareilly 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 286 277 / 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

अनुसूचना/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

A UNIQUE PLATFORM OF UNLIMITED BUSINESS OPPORTUNITIES FOR MSME GROWTH

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

16th IND EXPO
Industrial Exhibition cum Vendor Development Programme

Date 6 - 8 February, 2016
Venue : MSME-DI Campus, 10 Pologround, Industrial Estate, INDORE

PARTICIPATION INVITED

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

OPPORTUNITIES FOR BUSINESS

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STALL CHARGES :

• Large Units & other business houses	₹ 10000/-
• Medium Units, After 40% Discount	₹ 6000/-
• Micro & Small Units, After 60% Discount	₹ 5000/-
• SC/ST/Women/MSME-DI Trainee, After 80% Discount	₹ 4000/-

FOR REGISTRATION CONTACT :

V.P. Sharma (DD) 09425065830 | S.K. Verma (DD) 07693082451 | B.R. Chacokar (AD) 09826170064 | 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 :

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CO-ASSOCIATES :

- Khadi & Village Industries Commission, Bhopal
- National Small Industries Corporation
- M.P. Laghu Udyog Nigam, Bhopal
- Association of Industries M.P.
- Fisheries Audyogik Sangathan
- M.P. Laghu Udyog Sangh, Bhopal
- Laghu Udyog Bharti, M.P.

VISIT THE EXHIBITION • ENTRY FREE
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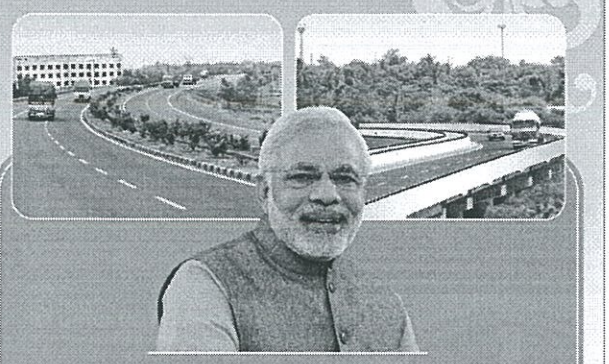
davp 25113/11/0271/1516

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 દ્વારા નીચે જણાવેલ કામો માટે ઓનલાઇન ટેન્ડરો આમંત્રિત કરવામાં આવે છે. વિગતે વૃત્તાંત અને ટેન્ડર ફોર્મ વેબસાઇટ www.ireps.gov.in પરથી ડાઉનલોડ કરી શકાય છે. ક્રમ નં. ૧: કામનું નામ: ઓપરેશન ઓફ ઓવર-હેડ વાયર ઇક્વિપમેન્ટ ઓફ ટ્રેક્શન સબ-સ્ટેશન્સ ઓફ કોટા-સવાઈ માધોપુર સેક્શન. અંદાજિત રકમ: ₹ ૩૫,૨૫,૦૦૦/-. ઇ.એમ.ડી.: ₹ ૭૦,૫૦૦/-. ટેન્ડર ફી: ₹ ૫૦૦/-. પૂર્ણ થવાનો સમયગાળો: ૧૨ મહિના. ટેન્ડર બંધ થવાની તારીખ અને સમય: ૨૫.૦૧.૨૦૧૬ ૧૫:૦૦ કલાક. ટેન્ડર ખોલવાની તારીખ અને સમય: ૨૫.૦૧.૨૦૧૬ ૧૫:૩૦ કલાક. ક્રમ નં. ૨: કામનું નામ: ઓપરેશન ઓફ ઓવર-હેડ વાયર ઇક્વિપમેન્ટ ઓફ ટ્રેક્શન સબ-સ્ટેશન્સ ઓફ કોટા-સવાઈ માધોપુર સેક્શન. અંદાજિત રકમ: ₹ ૩૫,૨૫,૦૦૦/-. ઇ.એમ.ડી.: ₹ ૭૦,૫૦૦/-. ટેન્ડર ફી: ₹ ૫૦૦/-. પૂર્ણ થવાનો સમયગાળો: ૧૨ મહિના. ટેન્ડર બંધ થવાની તારીખ અને સમય: ૨૫.૦૧.૨૦૧૬ ૧૫:૦૦ કલાક. ટેન્ડર ખોલવાની તારીખ અને સમય: ૨૫.૦૧.૨૦૧૬ ૧૫:૩૦ કલાક. ટેન્ડર ફોર્મ વેબ સાઇટ http://eprocure.gov.in પર વિના મૂલ્યે ડાઉનલોડ કરી શકાશે.ટેન્ડર ફી ,ઈ.એમ.ડી.વિગેરે વિગતવાર માહિતીની ટેન્ડર નોટિસ વેબ સાઇટ: https://eprocure.gov.in પર જોઇ શકાશે. ઈચ્છા ધરાવતી એજન્સીઓ સંસ્થાની મુલ્યાંકન કર્યા સ્થાન પ્રતિષ્ઠિતતાની જાણ તથા કામની પ્રકાર ,જરૂરિયાત, કરેલાની ક્ષિતિજો વગેરેની સુધ્ધિતપત્ર થઈ શકશે. કોઈપણ ટેન્ડર કે તમામ ટેન્ડરો કોઈપણ કારણો દર્શાવ્યા વિના રદ કરવાનો અધિકાર અધિકાર આ કચેરીને રહેશે અને ટેન્ડર સ્વરૂપને કચેરીના વાનગેયબનના હુકમો બંધનકર્તા રહેશે.

બધે ટેન્ડર ડાઉનલોડ કરવાની છેલ્લી તા:	૨૩/૦૧/૨૦૧૬ ૧૬.૦૦ કલાક સુધી
બધે ટેન્ડર ઓનલાઈન સબમીટ કરવાની (ડિમાન્ડીયલ બીડ) છેલ્લી તારીખ	૨૮/૦૧/૨૦૧૬ ૧૬.૦૦ કલાક સુધી
બધે ટેન્ડરની ફી,ઈ.એમ.ડી.,ડિફેરિકલ સર્ટીફીક	
ડોક્યુમેન્ટસના ભરવા ખાતે. પી.એ.જી. રકમો	
પોકેટથી સબમીટ કરવાની છેલ્લી તારીખ:	૨૯ /૦૧/૨૦૧૬ ૧૬.૦૦ કલાક સુધી
ઓનલાઈન ટેકનીકલ બીડ(એન-લાઈન) ખોલવાની તા:	૩૦/૦૧/૨૦૧૬ ૧૦.૦૦ કલાક

ઈ.ન. ૩૦.એમ.ઈ.આર.એસ. મેડિકલ કૉલેજ કેમ્પસ, સોલા , અમદાવાદ.
કમાંક/સંમાનિ/અમ૬/૧૬૨૯/૨૦૧૬

પશ્ચિમ રેલવે

પશ્ચિમ રેલવેના કામકાજ અને સમય સંબંધિતની કેટલીક જાહેરાતો નીચે મુજબ છે. વિગતવાર માહિતી માટે વેબસાઇટ www.wr.indianrailways.gov.in જુઓ. ફેસબુક પર પણ અમને લાઇક કરો. facebook.com/WesternRly

ઓન લાઈન જાહેર નિવિદા(બીજો પ્રયત્ન)
સીકયોરીટી ગાર્ડની સેવા પરત પાછા ખેંચે

ગુજરાત ઈન્ડસ્ટ્રિઝ ઓફ ટુરિઝમ ડેવેલપમેન્ટ(જીઆઈટીએમઈ), મુ. રાયસણ, જીઆઈટીએમ કેમ્પસ, પંડિત દીનદયાલ પેટ્રોલિયમ યુનિવર્સીટી પાછળ, રાયસણ, ગાંધીનગર-૩૮૨૦૦૭ ખાતે કેમ્પસની કેમ્પસ માટે ૨૪૮૬ ૫ કલોક સીકયોરીટી સર્વીસની સેવા પુરી પાડવા માટે ઓન લાઈન ટેન્ડર મેગાવવામાં આવે છે. ટેન્ડર ફોર્મ સાથે "ગુજરાત ઈન્ડસ્ટ્રિઝ ઓફ ટુરિઝમ ડેવેલપમેન્ટ, ગાંધીનગર"નાં નામનાં રૂા. ૧૦૦૦/—ની ડીમાન્ડ ડ્રાફટ સ્વરૂપે તેમજ રૂા.૩૦,૦૦૦/- ઈમેનટ ડીપોજીટ ડ્રાફટ સ્વરૂપે તેમજ ઓરીજનલ ડોકયુમેન્ટની તા.૨૭.૦૧.૨૦૧૬ સુધી ઓન લાઈન ટેન્ડર ફી ભર્યાની રસીદ મોકલવાની રહેશે. વધુ વિગત માટે વેબસાઈટ www.nprocure.com ઉપર જોવા વિનંતી છે.

સ્થળ : ગાંધીનગર
ચંદ્રકુમાર નિષાદ(ડીજીએમ અને ચીફઓફ
તા.૦૬/૦૧/૨૦૧૬ ગુજરાત ઈન્ડસ્ટ્રિઝ ઓફ ટુરિઝમ ડેવેલપમેન્ટ

Brihan Mumbai Electric Supply & Transport Undertaking
(GOVT. OF THE MAHARASHTRA UNDERTAKING) — નિવિદા સૂચના

નીચેની આઈટમના પુરવઠા માટે ઈ-નિવિદા મંગાવવામાં આવેછે.

બિડ સમાપ્તિની તારીખ ૦૨-૦૨-૨૦૧૬

૧)૧૧ કેવી, ૩ સી ૪૨૫૦ સો.મિ.મી. એલ્યુ.કન્ડકટર XLPE કેબલ

નોંધ: વધુ માહિતીઓ માટે વેબસાઈટ www.besttender.com પર લોગ ઓન કરો.

PRO/AAM(M)/ 143/2015

જનરલ મેનેજર

શ્રીમતી ટી.એન.પટેલ વુમન્સ કોલેજ, મોઢેરા

સ્પીચ થેરાપીસ્ટ ટેનીંગ સેન્ટર, મોઢેરા-કુનપર ખાતે વિધાર્થી પ્રવેશપ્રક્રિયા અંગે જાહેરાત

મોઢેરા-કુનપર જીલ્લામાં તા.૨૬/૦૧/૨૦૧૬થી ગુજરાત સરકાર દ્વારા સ્થાપિત સ્પીચ થેરાપીસ્ટ ટ્રેનીંગ સેન્ટર શરૂ થનાર છે.જેમાં બી.પી.એસ.સી. ધારા: સેલ્યુલર ડિસ્ટિવ સર્વીસિઝ પરીક્ષા (BASLIFSE etc) ની તૈયારી માટે પુર્વ રાષ્ટ્રપતા પ્રશિક્ષણ વર્ગ શરૂ થનાર હોઈ ઈચ્છુનાત્ર પીરિયડ ૩૬મીએથી ૨૫ વિધાર્થીનને પ્રવેશ આપવાનો થાય છે.જે અંતર્ગત પ્રવેશ પરીક્ષા માટે ઉમેદવારો પાસેથી તા.૦૩/૦૨/૨૦૧૬ થી ૧૬/૦૨/૨૦૧૬ સુધીમાં અરજીપત્રકો મંગાવવામાં આવે છે.ઉમેદવારે અરજી પત્રક (પ્રવેશફોર્મ) વિનામૂલ્યે મિલ્યા કર્યાકાર કચેરી, મુકૂનનુનર્ના બહુમ કાર્યાલયી કાર્યાલયના દિવસોમાં કચેરી સમય દરમ્યાન જેનરો સેવાના રહેશે. કોઈપણ વિલમ્બના સ્વીકારી ૧૬મી ફાયરબાર ઉમેદવાર અરજી કચેરી કાર્યાલય, મોઢેરા-કુનપર ખાતે / અનુલગ્નક અભ્યાસ દરમ્યાન મેળવેલ ૭૦ ટકા કે તેથી વધુની ટકાવારી તેમજ ભૂમકલ્યાણ જી.પી.એસ.સી. તથા યુ.પી.એસ.સી.ની પરીક્ષા કોઈપણ અરે પ્રાપ્ત કરેલ હોય તો તે બાબતોને પ્રવેશદરમ્યાન અગત્યક્રમ માટે ધ્યાને લેવામાં આવશે.પ્રવેશ કાર્યવાહી સ્પષ્ટીકરણ નિમત્ત માધ્યમ (http://spipa.gujarat.gov.in) મુજબ કરવામાં આવશે.વધુ માહિતી અરજીપત્રકમાં આપવામાં આવેલ ફોનનંબર પર એસ.એમ.એસ. ધ્વારા જણાવવામાં આવશે.

નોંધ:પ્રવેશપ્રક્રિયા અંગે કર્યાકારની, મુકૂનનુનરનો નિર્ણય માન્ય રહેશે.

સ્થળ:- મુકૂનનુનર. નિયામકી અધિક સચિવશ્રી,
તા:- ૦૫/૦૧/૨૦૧૬. માહિતી/મુ.નગર/૭૫૮/૧૬-૧૬ મુકૂનનુનર જિલ્લો.

ઈ-ઓકશનનું ઉભા ઝાડોનું જાહેર-માર્યુ
ગાંધીનગર વન વિભાગ,ગાંધીનગર

નીચે જણાવ્યા અનુસાર વન વિભાગ, ગાંધીનગરમાં ઈ-ઓકશનથી ઉભા ઝાડોનું વેચાણ કરવામાં આવનાર
ઈ-ઓકશનથી ઉભા ઝાડોની કરાજી

આથી ઉભા ઝાડ ઈ-ઓકશનમાં ભાગ લેવા રસ ધરાવતા વેપારીઓને જણાવવાનું કે, વન વિભાગ,ગાંધીનગરનાં તા.૧૦/૧/૨૦૧૬ ના રોજ ઈ-ઓકશનથી ઉભા ઝાડોની હરાજી કરવામાં આવનાર છે. તો ઈ-ઓકશનમાં ભાગ લેવા વિનંતી છે. વધ વિગતો નીચે મુજબ છે.

ક્ર. નં.	રેંજ/ડેપ્પ્યુ નામ	બ્લોક	પુરાંકો નંબર	અંદાજીત રકમ	ડીપોજીટ રકમ
૧	રેંજ્યુલ, ડે. ફા. ઓફિસર, ગાંધી ઝાર્ડ ઓફિસ ખાતે ઈ-ઓકશન ખાતે રાખેલ ઈ.૨.૦૦ વાગ્યાના ઈ.૧૦.૦૧.૧૬ ના ૧૦.૦૦ વાગ્યા સુધી.	૧	૧૭૦૦	૧૬,૬૭૬	૧૬૭૭
૨	રેંજ્યુલ, ડે. ફા. ઓફિસર, ગાંધી ઝાર્ડ ઓફિસ ખાતે ઈ-ઓકશન ખાતે રાખેલ ઈ.૨.૦૦ વાગ્યાના ઈ.૧૦.૦૧.૧૬ ના ૧૦.૦૦ વાગ્યા સુધી.	૧	૧૨૫૦	૧૨,૫૦૦	૧૨૫૦

ઉપરોકત ઈ ઓકશનનાં ભાગ લેવા કરાજની શરતો તેમજ મુકવામા આવેલ લોટ ની બ્રોષ્ટ માહિતી http://forestauction.nprocure.com વેબસાઇટ પર મુકવામાં આવશે.

નાયબ વન સંરક્ષક
ગાંધીનગર વન વિભાગ
ગાંધીનગર

માહિતી/૨૨૪૧/૧૬-૧૭

ગુજરાત મેડીકલ એજ્યુકેશન એન્ડ રીસર્ચ સોસાયટી,
ડીન,મેડીકલ કૉલેજ સંલગ્ન હોસ્પિટલ ,ગુજરાત હાઈ કોર્ટ પાસે,એસ.જી.હાઈવે સોલા,અમદાવાદ.

☎ ૨૭૬૦૩૩૨, ૨૭૬૦૧૭૫

ટેન્ડર નોટીસ ૨૦૧૫-૧૬

જી.એમ.ઈ.આર.એસ. મેડિકલ કૉલેજ સંલગ્ન હોસ્પિટલ, સોલા ખાતે હોસ્પિટલ માટે (ટેન્ડર નં.૮૩) અને કૉલેજ તેમજ હોસ્ટેલ માટે (ટેન્ડર નં. ૮૪) ૫ કલોરી વ્યવસ્થાપન સેવા તથા સફાઇ કામ અને સ્વચ્છતાની જાળવણી માટે હરીફ કીપીંગની સેવા પુરી પાડવા વાર્ષિક ભાવકકારના પોકેટ માં ક્રામના અનુભવી અને પ્રતિષ્ઠિત એજન્સીઓ પાસેથી સીલબધ્ધ પુરી પાડવા ઈ-ટેન્ડરીંગ પધ્ધતિથી ઓનલાઈન ભાવો મંગાવવામા આવે છે.બધે ટેન્ડરના ટેન્ડર ફોર્મ વેબ સાઇટ http://eprocure.gov.in પર વિના મૂલ્યે ડાઉન લોડ કરી શકાશે.ટેન્ડર-ફી ,ઈ.એમ.ડી.વિગેરે વિગતવાર માહિતીની ટેન્ડર નોટિસ વેબ સાઇટ: https://eprocure.gov.in પર જોઇ શકાશે.

ઈચ્છા ધરાવતી એજન્સીઓ સંસ્થાની મુલ્યાંકન કર્યા સ્થાન પ્રતિષ્ઠિતતાની જાણ તથા કામની પ્રકાર ,જરૂરિયાત, કરેલાની ક્ષિતિજો વગેરેની સુધ્ધિતપત્ર થઈ શકશે. કોઈપણ ટેન્ડર કે તમામ ટેન્ડરો કોઈપણ કારણો દર્શાવ્યા વિના રદ કરવાનો અધિકાર અધિકાર આ કચેરીને રહેશે અને ટેન્ડર સ્વરૂપને કચેરીના વાનગેયબનના હુકમો બંધનકર્તા રહેશે.

બધે ટેન્ડર ડાઉનલોડ કરવાની છેલ્લી તા:	૨૩/૦૧/૨૦૧૬ ૧૬.૦૦ કલાક સુધી
બધે ટેન્ડર ઓનલાઈન સબમીટ કરવાની (ડિમાન્ડીયલ બીડ) છેલ્લી તારીખ	૨૮/૦૧/૨૦૧૬ ૧૬.૦૦ કલાક સુધી
બધે ટેન્ડરની ફી,ઈ.એમ.ડી.,ડિફેરિકલ સર્ટીફીક	
ડોક્યુમેન્ટસના ભરવા ખાતે. પી.એ.જી. રકમો	
પોકેટથી સબમીટ કરવાની છેલ્લી તારીખ:	૨૯ /૦૧/૨૦૧૬ ૧૬.૦૦ કલાક સુધી
ઓનલાઈન ટેકનીકલ બીડ(એન-લાઈન) ખોલવાની તા:	૩૦/૦૧/૨૦૧૬ ૧૦.૦૦ કલાક

ઈ.ન. ૩૦.એમ.ઈ.આર.એસ. મેડિકલ કૉલેજ, સોલા , અમદાવાદ.
કમાંક/સંમાનિ/અમ૬/૧૬૨૯/૨૦૧૬

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સ્થળ : રામકૃષ્ણ મંદિર ગ્રાઉન્ડ, વી-માર્ટની સામે, લો-ગાર્ડન, અમદાવાદ

..... પ્રદર્શન સહ વેચાણ .....

કાશ્મીરી શાલ અને ડ્રેસ મટીરીયલ્સ, કોલકાતા સાડી, કાંથા સિલ્ક સાડી અને ડ્રેસ મટીરીયલ્સ, બનારસી સાડી, ભાગલપુરી સિલ્ક સાડી અને ડ્રેસ મટીરીયલ્સ, લખનવી સિલ્ક, પંજાબ ફુલકારી, મૈસ્કલા ખાદી સ્ટર્ટ અને ખાદી ટોપ, પચપુરી ડોકટરીક અને પેઈન્ટીંગ, કોલકાતા પુર કોમ અને બંધણ, આદિવિકીલા જવેલરી, નાગાલેન્ડ કુલા ફલવર, સાઉથપુર ટસ્વિર અને સેટ આકરણ, રેતલોટા, ખુરજ પોટરી, મિર્ચપુર ભાઈલી કાર્પેટ અને ઘણી ઘણી

Org. by Shiv Shakti Samaj Kalyan Samiti

જાહેર નિવિદા

મેસર્સિસ જયમાતાજી એન્જીનીયર્સ,કોર્પોરેશન એજન્સીના જાણીતા કામો કરતા ઓનલાઈન અનુભવ ધરાવે છે.અને તેઓ ઈલેકટ્રીકલ કામોના કોન્ટ્રાકટ રાખવા માંગે છે.તેઓ ઈલેકટ્રીકલ કામોના કોન્ટ્રાકટ રાખવા માંગતા હોય તેવા ઈલેકટ્રીકલ કોન્ટ્રાકટરોએ તા.૧૦.૦૧.૨૦૧૬ સુધીમાં પોતાની ઓફીસ ખાતે આવી જવું.ત્યારબાદ આવેલ કોઈપણ અરજી ધ્યાને લેવામાં આવશે નહિ.

જયમાતાજી એન્જીનીયર્સ
૧૧૦૩,ઈમ્પીરીયલ હાઈટસ-૨,નિર્મા યુનિવર્સીટી રોડ,સાબરમતી,અમદાવાદ-૩૮૦૦૧૫

જાહેર નિવિદા

ક્રમ નં.	કામનું નામ	નં	અંદાજીત રકમ રૂ.
		૧	બયાનની રકમ (રૂ)
		૨	ટેન્ડર ફી (રૂ)
૧	હનુમાન ઉંડુ કરવાનું કામ નંબર -૧	રૂ.	૪,૬૮,૧૫૦/-
		રૂ.	૧૬૫૫/-
		રૂ.	૧૦૦/-
૨	હનુમાન ઉંડુ કરવાનું કામ નંબર -૨	રૂ.	૪,૬૮,૧૫૦/-
		રૂ.	૧૬૫૫/-
		રૂ.	૧૦૦/-
૩	હનુમાન ઉંડુ કરવાનું કામ નંબર -૩	રૂ.	૪,૬૮,૧૫૦/-
		રૂ.	૧૬૫૫/-
		રૂ.	૧૦૦/-

વધારે માહિતી માટે ઓફીસ સમય દરમ્યાન ઓફીસ ખાતે સંપર્ક કરવો.

ઓનરેરી સેક્રેટરી
ઓમકારેશ્વર સેવા સમિતિ,
ઓમકારેશ્વર,જી.ખંડવા(એમ.પી.)

ગુજરાત રાજ્ય માર્ગ અને મકાન વિભાગ (યાત્રીક)
ઓન લાઈન ટેન્ડરનું છે -પ્રાઈઝ બીડ
ટેન્ડર નોટીસ-ન-૨૧ સને-૨૦૧૫-૧૬

૧. કામ નું નામ	બીન ઉપીયોગી મકોનની એમ્બેસેડરી / જીપ/ મોટર સાયકલ (કાચાસાથી બજાજ) ની ખ્યા અને જેમ કે- ની ઓન-લાઇન ફરાજી બાબત.
૨. ઓન-લાઇનટેન્ડરડાકયુમેંટોન તથા અપલોડીંગ ઉેલ્લી તારીખ-	તા- ૨૫ -૦૧ -૨૦૧૬ ૧૮.૦૦ કલાક સુધી
૩. અમલમા ટેન્ડરફી તથા ઇએમ.ડી/ડીક્યુમેંન્ટ ચોકલવા ની ઉેલ્લી તારીખ	તા- ૨૬ -૦૧ -૨૦૧૬ થી તા- ૦૧-૦૨-૨૦૧૬ , ૧૬.૦૦ કલાક સુધી
૪. ઓન-લાઇન બીડ ઓફર ખોલવા ની તારીખ-	તા- ૦૨-૦૨-૨૦૧૬ થી ૧૫ .૦૦ કલાકે
૫ .સિધ્ધાગીય કચેરી નુ નામ તથા સરનામુ	કાર્યપાલક ઇજનેર ની કચેરી અમદાવાદ વાર્ષિક નિભાગ (મા.મ) અમદાવાદ ,મકુબાળી ભુવન, બી બ્લોક,૩ માં માળ , રીવાલયા મોલ પાસે ,ગુફકર રોડ, વાસ્ત્રાપુર અમદાવાદ-૩૮૦૦૫૪ ફોન.ન-૦૭૯- ૨૭૪૦૦૭૫

ઉપર ના કામે પાનકાડ,પેટરજીસ્ટેશન,લેટરપેડ તથા પોપરાશકર્થાપ ના પુરાવા ધરાવતાસક્ષમો પાસે થી ઓન લાઇન ફરાજી કરવા માટે ઓન લાઇન બીડ ઓફર મંગાવવા માં આવે છે. ટેન્ડર ફી રોલ વાઇઝ અલગ રહેશે. જે ઓન લાઇન નોટીસ મા જોઇ શકાશે. ફરાજી ના , ટેન્ડર , ડોક્યુમેન્ટ www.nprocure.com વેબ-સાઇટ પર થી ઉેપલબ્ધ રહેશે. કોઇ પણ કે બધા ટેન્ડર અધિકારીઓ ધારા ની અધિકાર અબાધિત રહેશે. આ કામ ની વિગતવાર નોટીસ કચેરીના નોટીસબોર્ડ તથા માહિતી ખાતાની વેબ સાઇટ www.statetenders.com ઉપર જોઇ શકાશે.

• કોઇ પણ પ્રકારના સુધારા વધારા ઓનલાઇન જોઇ શકાશે.

કમાંક/સંમાનિ/અમ૬/૧૬૨૫/૨૦૧૬

જાહેર સૂચના (પર્યાવરણીય મંજૂરી)

આ સાથે, જાણ કરવામાં આવે છે કે પર્યાવરણ વન અને ક્લાયમેટ ચેન્જ મંત્રાલય (MoEF&CC), દિલ્હિના પર્યાવરણ ભવન, જોર બાગ રોડ, નવી દિલ્હી-૩ દ્વારા લક્ષ્મ એનર્જાકો ઇન્ફ્રાસ્ટ્રકચર લિમિટેડ, પ્લોટ નં. ૦૪૦૭-૦૪૧૪, ૦૮૦૧-૦૮૨૮, ૦૯૦૧-૦૯૨૮, ૧૦૦૧-૧૦૨૮, ૧૧૦૧-૧૧૨૮, ૧૨૦૧-૧૨૧૨, ૦૯૦૫-૦૯૧૨, ૦૯૦૫ ઉેઠો ઇન્ડ.એસ્ટે.વી. ઇન્ડસ્ટ્રીયલ એરિયા, એકલેશ્વર, જિલ્લા ભરૂચ-૩૯૩ ૨૦૨ (ગુજરાત) માટે સુચિત બોઇલી ક્રાયર માટે આ મામલત, સંમ્રુ અને સિક્રાર સુચિયા (TOR) ફેસ III સ્ટ્રાટેજિક સેક્ટર્સ માટેની પર્યાવરણીય ક્રિયાત્મકતા સંબંધિત ૩૧-૧૨-૨૦૧૫ ના પત્ર નં. F.No. 10-10/2014-IA.III દ્વારા ઇ.આઇ.એ. નોટીફીકેશન તારીખ ૧૪ સપ્ટેમ્બર ૨૦૦૬ મોમ્યાદ હેઠળ આપેલ છે.

કલીયરન્સ પામની નકલ ગુજરાત પોલ્યુશન કંટ્રોલ બોર્ડ અને www.envfor.nic.in વેબસાઇટ ઉપર ઉેપલબ્ધ છે. B. D. DALWADI
Date : 04/01/2016 (CHIEF EXECUTIVE OFFICER)

નવીમી અધિકારી-ની કચેરી

જામ્બેમર્ડાઆર એસ મેડીકલ કૉલેજ સંલગ્ન, જામનગર હોસ્પિટલ, જોમનગર
ફોન: ૦૭૮ ૨૨૨૧૦૩૯-૩૨ ફેકસ, ૦૭૮૨૪૮ ૫૫૧૧૩

જી.એમ.ઈ.આર.એસ. મેડીકલ કૉલેજ સંલગ્ન જામનગર હોસ્પિટલ, જામનગર ખાતે મેડીકલ ઓફીસર તથા સ્પેશ્યાલીસ્ટ ડોકટરોની જગ્યાઓ ભરવા માટે ૧૧ બાકાત થયા હોવાથી ફરીથી ઓનલાઈન અરજીઓ મંગાવવામાં આવે છે. અરજી મોકલ તા.૨૩-૦૧-૨૦૧૬ ના રોજ સાંજના ૫:૩૦ વાગ્યા સુધીમાં કરવા જણાવેલ છે. અરજી મોકલ તા.૨૩-૦૧-૨૦૧૬ ના રોજ સાંજના ૫:૩૦ વાગ્યા સુધીમાં કરવા જણાવેલ છે. અરજી મોકલ તા.૨૩-૦૧-૨૦૧૬ ના રોજ સાંજના ૫:૩૦ વાગ્યા સુધીમાં કરવા જણાવેલ છે. વધુ વિગત માટે વેબસાઇટ www.gmamanagementgroup.com

ક્રમ	જોબનામનું નામ	જોબનું નામ	ખાલી જગ્યા
૧	મેડીકલ ઓફીસર	મેડીકલ ઓફીસર	૧
૧	ઓ.ખર.સી.એન	ઓપ્થેલ્મીક ઓફીસર	૧
		મેડીકલ ઓફીસર	૧
૩	ઓબ્સ્ટેટ્રીક ઓફીસર	ઓબ્સ્ટ્રેટીક	૧
		મેડીકલ ઓફીસર	૪
૪	એન.સી.ડી.સેલ	ટેકનીકલ સુપરિન્ટેન્ડન્ટ / પ્રોગ્રામ મેનેજર એન.સી.ડી.સેલ	૧ બકાયા
		જુનીયર ફીજીશીયન	૧
		કાઉન્સેલર	૧
		ફાર્માસીસ્ટ	૨
		મેડીકલ ઓફીસર (કો મચ.વ.)	૪
		કુલ	૧૮

નોંધ: ઓનલાઈન અરજી કરતી વખતે ઉમેદવારોએ ઓફીશ્યલ ઈમેલ આઈડી ફરજીયાત આપવી જેના દ્વારા ઓનલાઈન અરજી કરવાની પુરી પ્રક્રિયા કરવામાં આવશે.

તબીબી અધિક્ષક

ભાભર નગરપાલિકા
ગાંધી ચોક, ભાભર-૩૮૫૩૨૦, જિ.બનાસકાંઠા
ફોન નં.૦૨૭૩૫-૨૨૨૧૩૩, ફેકસ : ૨૨૨૧૩૩
ઓનલાઇન ટેન્ડરની જાહેર નિવિદા

આથી ભાભર નગરપાલિકા, ભાભર જિ.બનાસકાંઠાને સરકારની દ્વારા મંજુર થયેલ નીચેની યોજનાના કામોના ઓનલાઈન ટેન્ડર મંગાવવામાં આવે છે.

ક્રમ	કામનું નામ	ટેન્ડર ફી	અંદાજીત રકમ ઈ.ઓમ.ડી. સમય મર્યાદા
૧૫ મે વિત્તપ્રાયોજન જિલ્લા આયોજન ગ્રાન્ટ વર્ષ : ૨૦૧૫-૧૬			
૧.	આભરથી સુઈગામ રોડ ઉપર રાજપુરા ગણા રસ્તાથી જગાણા પીરાણા સુધી સ્ટ્રીટલાઈટ માટે ટ્રાન્સપુરકર પોલ સાથે એ.સી.સી.સ્ટ્રીટલાઈટ ફીટીંગ્સ કરવાનું કામ	૫૦૦/-	૯૩૧૩૦૧/- ૯૩૧૨૮/- ૩ માસ
૨.	આભરથી રાજપુરા રોડ ઉપર રાજપુરા ગણ રસ્તાથી (મામલતદાર ઓફિસ તરફ) એટ નકકર જાળીથી ઓફીસ સુધી સ્ટ્રીટલાઈટ માટે ટ્રાન્સપુરકર પોલ સાથે એ.સી.સી.સ્ટ્રીટલાઈટ ફીટીંગ્સ કરવાનું કામ	૫૦૦/-	૯૩૧૩૦૧/- ૯૩૧૨૮/- ૩ માસ
વોટરપાઈપ નગર વિકાસ યોજના			
૧.	શ્રી બાભરવા થી ઓસિયાનગર થી સહિતનગર થી સુઈગામ માર્ગને સુધી સ્ટ્રીમ વોટર ટ્રેટમેન્ટ વર્કાસ વાળવાનું કામ.	૧૫૦૦/-	૩૪૬૯૯૦૦/- ૩૪૭૦૦/- ૩ માસ
વેબસાઈટ નું નામ		www.nprocure.com	
ટેન્ડર ડાઉનલોડ તથા ભરવાની તારીખ		૧૧-૧-૨૦૧૬ થી ૧૪.૦૦ કલાક સુધી	
ટેન્ડર ફી,ઈ.એમ.ડી.તથા જરૂરી ડોકયુમેન્ટ પર્યેના ભરવાની તારીખ, સમય તથા ઓફિસ, ન.પા. ભાભર, મુ.ભાભર, સા.કાં.		૧૩-૧-૨૦૧૬ થી ૧૫.૦૦ કલાક સુધી ઓફિસ સમય દરમ્યાન	
ઉેઠીયેલ ટેન્ડર ખોલવાની તારીખ		૧૩-૧-૨૦૧૬ ના રોજ ૧૫.૦૦ કલાકે	
માહિતીની ટેન્ડર ખોલવાની તારીખ		૧૩-૧-૨૦૧૬ ના રોજ ૧૫.૩૦ કલાકે	

ક્રમ અને વધારે માહિતી માટે ઉેપરોકત વેબસાઇટ તથા WWW.STATETENDER.COM વેબસાઇટ જોવા વિનંતી. સદર ક્રામ અંગેના તમામ હકકો અધિકાર નગરપાલિકા ભાભરમાં રહેશે.

ચીફ ઓફિસર
ભાભર નગરપાલિકા

પ્રમુખ
ભાભર નગરપાલિકા

કમાંક : ભાબ/૧૫૦૮/૪૮૮/૨૦૧૬-૧૬

ગાંધીનગર શહેરી વિકાસ સત્તામંડળ

ક્લોઝ નં.૧૮, ૪થો માળ, ઉદ્યોગભવન, સેકટર-૧૧,ગાંધીનગર-૩૮૨૦૧૧
ફોન/ફેકસ નં.૨૩૨-૪૯૧૭,૨૩૨૪૯૧૮

ફાયર પ્રિવેન્શન એન્ડ લાઈફ સેફટી સંદર્ભે અંગેની જાહેર નોટીસ

આથી ગાંધીનગર શહેરી વિકાસ સત્તામંડળની હદ વિસ્તારમાં આવેલ તમામ ઈમારતોના માલિકશ્રી /કબજેદારશ્રી /ભિસમેસશ્રી /ટ્રસ્ટીશ્રી /ભિલદારશ્રી /વલ્લપરશ્રી/ધ્યપરેકશ્રી /પેનેજરશ્રી/પપરાશકારશ્રીઓને જાહેર નોટીસ આપી જણાવવામાં આવે છે કે-

રાજ્ય સરકારશ્રી ધ્વારા મંજુર કરી અમલી કરેલ "ધ ગુજરાત ફાયર પ્રિવેન્શન એન્ડ લાઈફ સેફટી મેઝર્સ એકટ-૨૦૧૩" ની જોગવાઈ અનુસાર જે મકાનોમાં જી.ડી.સી.આર મુજબ ફાયર સેફટી સિસ્ટમ જરૂરી છે તે મકાની સહિત તમામ બહુમાળી ભિલ્ડીંગમાં ફાયર સિસ્ટમ કાર્યરત હોવી આવશ્યક છે. સદર બાબતે તમામ હાઈરીસેમાં વર્ષમેં બે વાર મેટર અનુસંધાને ગાંધીનગર મહાનગર પાલિકાનાં ફાયર એન્ડ ઈમર્જન્સી સર્વિસીસ ડીપાર્ટમેન્ટનાં સ્ટેશન અધિકારી પાસે ઈન્સ્પેકશન કરાવી સિસ્ટમ કાર્યરત છે. તે અંગેનું ફાયર સેફટી સર્ટીફીકેટ /ફાયર એન.ઓ.સી. પ્રમાણપત્ર ગાંધીનગર મહાનગર પાલિકાનાં નાયબ ખુનિસિપલ કમિશ્નરશ્રી પાસેથી મેળવી લેવા જણાવવામાં આવે છે. સદર બાબતે જેનો ફાયર સિસ્ટમ કાર્યરત છે તે અંગેનું પ્રમાણપત્ર મેળવવામાં આવેલ નથી તેવી ઉપર જણાવેલ ઈમારતો સહિત તમામ બહુમાળી ઈમારતોના માલિકશ્રી /કબજેદારશ્રી /ભિસમેનશ્રી /સેકેટરીશ્રી /ભિલદારશ્રી /વલ્લપરશ્રી/ ધ્યપરેકશ્રી /પેનેજરશ્રી /પપરાશકારશ્રીઓ ગાંધીનગર મહાનગરપાલિકાનાં ફાયર એન્ડ ઈમર્જન્સી સર્વિસીસ ડીપાર્ટમેન્ટનાં સ્ટેશન અધિકારી પાસે ઈન્સ્પેકશન કરાવી ફાયર સિસ્ટમ કાર્યરત છે તે અંગેનું ફાયર એન.ઓ.સી. નાંખ્યા વાંધા પ્રમાણપત્ર દિન-૩૦ ની સમય મર્યાદામાં ગાંધીનગર મહાનગર પાલિકાના નાયબ ખુનિસિપલ કમિશ્નર પાસેથી મેળવી લેવું અને તે ગાંધીનગર શહેરી વિકાસ સત્તામંડળની કચેરીમાં રજુ કરવું.

જો ઉપરોકત કાર્યવાહી કરવામાં નહિ આવે તો તેવી તમામ ઈમારતો બાંધકામો સામે કાયદેસરની કાર્યવાહી હાથ ધરવામાં આવશે. જેની જે તે સંબધકર્તાઓ નોંધ લેવી.

ક્રમાંક: ગુડા /પ્લાનીંગ /ફાયર/જાહેર નોટીસ /૮૬/૧૬
તા.૬/૦૧/૨૦૧૬

સહી/-
મુખ્ય કારોબારી અધિકારી
ગાંધીનગર શહેરી વિકાસ સત્તામંડળ
ગાંધીનગર

માહિતી/૨૨૬૨/૧૬-૧૭

અમદાવાદ શહેરી વિકાસ સત્તામંડળ

AUDA

સરદાર વલ્લભભાઈ પટેલ ભવન, ઉમાપાસુરા, આશ્રમ રોડ, અમદાવાદ-૩૮૦૦૦૯.
ફોન ઓફ

Annexure-18

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 - 19

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

Station Report	
BEIL Infrastructure Limited	
Generated On : 2026-05-28 05:57:30	**Generated By :** Bhavin Modi
Duration : 2025-04-01T00:00:00+05:30 - 2026-03-31T11:25:00+05:30	**Sub Locations :** SPD-STACK
Parameters : Calibration Status,NOX,SO2,PM	

S.no	Time	SPD-STACK Calibration Status (ppm)(avg)	SPD-STACK NOX (ppm)(avg)	SPD-STACK SO2 (ppm)(avg)	SPD-STACK PM (mg/m^3)(avg)
1	2025-04-01T00:00:00+05:30	0	7.63	0	NA
2	2025-04-02T00:00:00+05:30	0	7.02	0	NA
3	2025-04-03T00:00:00+05:30	0	5.9	0	NA
4	2025-04-04T00:00:00+05:30	0	2.6	0	NA
5	2025-04-05T00:00:00+05:30	0	1.62	0	NA
6	2025-04-06T00:00:00+05:30	0	1.99	0	NA
7	2025-04-07T00:00:00+05:30	0	1.8	0	NA
8	2025-04-08T00:00:00+05:30	0	2.17	0	NA
9	2025-04-09T00:00:00+05:30	0	3.27	0	NA
10	2025-04-10T00:00:00+05:30	0	2.03	0	NA
11	2025-04-11T00:00:00+05:30	0	2.26	0	NA
12	2025-04-12T00:00:00+05:30	0	1.55	0	NA
13	2025-04-13T00:00:00+05:30	0	2.11	0	NA
14	2025-04-14T00:00:00+05:30	0	2.47	0	36.62
15	2025-04-15T00:00:00+05:30	0	3.95	0	33.52
16	2025-04-16T00:00:00+05:30	0	4.11	0	34.59
17	2025-04-17T00:00:00+05:30	0	4.3	0	33.26
18	2025-04-18T00:00:00+05:30	0	3.9	0	35.25
19	2025-04-19T00:00:00+05:30	0	3.91	0	34.94
20	2025-04-20T00:00:00+05:30	0	5.51	0	36.08
21	2025-04-21T00:00:00+05:30	0	6.96	0	34.01
22	2025-04-22T00:00:00+05:30	0	7.41	0	33.36
23	2025-04-23T00:00:00+05:30	0	7.43	0	34.46
24	2025-04-24T00:00:00+05:30	0	6.85	0	30.02
25	2025-04-25T00:00:00+05:30	0	6.1	0	35.56
26	2025-04-26T00:00:00+05:30	0	6.14	0	34.28
27	2025-04-27T00:00:00+05:30	0	6.01	0	35.41
28	2025-04-28T00:00:00+05:30	0	6.73	0	36
29	2025-04-29T00:00:00+05:30	0	7.8	0	34.49
30	2025-04-30T00:00:00+05:30	0	8.11	0	33.94
31	2025-05-01T00:00:00+05:30	0	8.58	0	34.86
32	2025-05-02T00:00:00+05:30	0	8.77	0	30.9
33	2025-05-03T00:00:00+05:30	0	5624.44	0	32.94
34	2025-05-04T00:00:00+05:30	0	0	0	34.3
35	2025-05-05T00:00:00+05:30	0	0.05	0	30.02
36	2025-05-06T00:00:00+05:30	0	0	0	10.76
37	2025-05-07T00:00:00+05:30	0	0	0	28.32
38	2025-05-08T00:00:00+05:30	0	0	0	33.01
39	2025-05-09T00:00:00+05:30	0	0	0	32.95
40	2025-05-10T00:00:00+05:30	0	0	0	34.62
41	2025-05-11T00:00:00+05:30	0	0	0	33.97
42	2025-05-12T00:00:00+05:30	0	0.61	0	34.22
43	2025-05-13T00:00:00+05:30	0	0	0	36.7
44	2025-05-14T00:00:00+05:30	0	0	0	36.26
45	2025-05-15T00:00:00+05:30	0	0.05	0	36.87
46	2025-05-16T00:00:00+05:30	0	7.29	0	34.24
47	2025-05-17T00:00:00+05:30	0	8.07	0	34
48	2025-05-18T00:00:00+05:30	0	0.72	0	34.8
49	2025-05-19T00:00:00+05:30	0	0.27	0	34.71

50	2025-05-20T00:00:00+05:30	0	3.61	0	36.77
51	2025-05-21T00:00:00+05:30	0	1.37	0	34.45
52	2025-05-22T00:00:00+05:30	0	3.4	0	34.86
53	2025-05-23T00:00:00+05:30	0	5.09	0	35.64
54	2025-05-24T00:00:00+05:30	0	15.73	0	33.6
55	2025-05-25T00:00:00+05:30	0	21.09	0	35.2
56	2025-05-26T00:00:00+05:30	0	26.14	0	36.97
57	2025-05-27T00:00:00+05:30	0	5.31	0	32.88
58	2025-05-28T00:00:00+05:30	0	19.55	0	36.11
59	2025-05-29T00:00:00+05:30	0	19.63	0	34.18
60	2025-05-30T00:00:00+05:30	0	16.11	0	36.2
61	2025-05-31T00:00:00+05:30	0	0	0	34.7
62	2025-06-01T00:00:00+05:30	0	0	0	34.88
63	2025-06-02T00:00:00+05:30	0	0	0	34.02
64	2025-06-03T00:00:00+05:30	0	0	0	33.84
65	2025-06-04T00:00:00+05:30	0	0	0	34.88
66	2025-06-05T00:00:00+05:30	0	0	0	33.4
67	2025-06-06T00:00:00+05:30	0	0	0	13.42
68	2025-06-07T00:00:00+05:30	0	0	0	2.68
69	2025-06-08T00:00:00+05:30	0	0	0	4.97
70	2025-06-09T00:00:00+05:30	0	0	0	34.1
71	2025-06-10T00:00:00+05:30	0	0	0	53.81
72	2025-06-11T00:00:00+05:30	0	0	0	45.16
73	2025-06-12T00:00:00+05:30	0	0	0	49.64
74	2025-06-13T00:00:00+05:30	0	0	0	53.27
75	2025-06-14T00:00:00+05:30	0	0	0	46.5
76	2025-06-15T00:00:00+05:30	0	0	0	42.69
77	2025-06-16T00:00:00+05:30	0	0	0	41.66
78	2025-06-17T00:00:00+05:30	0	0	0	34.98
79	2025-06-18T00:00:00+05:30	0	0	0	30.6
80	2025-06-19T00:00:00+05:30	0	0	0	37.91
81	2025-06-20T00:00:00+05:30	0	0	0	38.24
82	2025-06-21T00:00:00+05:30	0	0	0	34.9
83	2025-06-22T00:00:00+05:30	0	0	0	28.32
84	2025-06-23T00:00:00+05:30	0	0	0	26.89
85	2025-06-24T00:00:00+05:30	0	0	0	26.86
86	2025-06-25T00:00:00+05:30	0	0	0	27.47
87	2025-06-26T00:00:00+05:30	0	0	0	33.97
88	2025-06-27T00:00:00+05:30	0	0	0	33.9
89	2025-06-28T00:00:00+05:30	0	0	0	36.78
90	2025-06-29T00:00:00+05:30	0	0	0	38.14
91	2025-06-30T00:00:00+05:30	0	0	0	39.71
92	2025-07-01T00:00:00+05:30	0	0	0	38.44
93	2025-07-02T00:00:00+05:30	0	0	0	39.18
94	2025-07-03T00:00:00+05:30	0	0	0	37.47
95	2025-07-04T00:00:00+05:30	0	0	0	37.93
96	2025-07-05T00:00:00+05:30	0	0	0	36.12
97	2025-07-06T00:00:00+05:30	0	0	0	36.47
98	2025-07-07T00:00:00+05:30	0	0	0	38.64
99	2025-07-08T00:00:00+05:30	0	0	0	37.65
100	2025-07-09T00:00:00+05:30	0	0	0	38.19
101	2025-07-10T00:00:00+05:30	0	0	0	39.4
102	2025-07-11T00:00:00+05:30	0	0	0	38.01
103	2025-07-12T00:00:00+05:30	0	0	0	40.53
104	2025-07-13T00:00:00+05:30	0	0	0	36.68
105	2025-07-14T00:00:00+05:30	0	0	0	33.32
106	2025-07-15T00:00:00+05:30	0	0	0	30.44

107	2025-07-16T00:00:00+05:30	0	0	0	27.99
108	2025-07-17T00:00:00+05:30	0	0	0	29.36
109	2025-07-18T00:00:00+05:30	0	0	0	35.29
110	2025-07-19T00:00:00+05:30	0	0	0	34.38
111	2025-07-20T00:00:00+05:30	0	0	0	33.97
112	2025-07-21T00:00:00+05:30	0	0	0	29.9
113	2025-07-22T00:00:00+05:30	0	0	0	28.11
114	2025-07-23T00:00:00+05:30	0	0	0	32.13
115	2025-07-24T00:00:00+05:30	0	0	0	33.4
116	2025-07-25T00:00:00+05:30	0	0	0	57.1
117	2025-07-26T00:00:00+05:30	0	0	0	59.7
118	2025-07-27T00:00:00+05:30	0	0	0	56.81
119	2025-07-28T00:00:00+05:30	0	0	0	56.32
120	2025-07-29T00:00:00+05:30	0	0	0	54.05
121	2025-07-30T00:00:00+05:30	0	0	0	57.92
122	2025-07-31T00:00:00+05:30	0	0	0	32.42
123	2025-08-01T00:00:00+05:30	0	0	0	38.67
124	2025-08-02T00:00:00+05:30	0	0	0	38.5
125	2025-08-03T00:00:00+05:30	0	0	0	64.27
126	2025-08-04T00:00:00+05:30	0	0	0	22.79
127	2025-08-05T00:00:00+05:30	0	0	0	37.07
128	2025-08-06T00:00:00+05:30	0	0	0	33.68
129	2025-08-07T00:00:00+05:30	0	0	0	27.71
130	2025-08-08T00:00:00+05:30	0	0	0	19.91
131	2025-08-09T00:00:00+05:30	0	0	0	31.97
132	2025-08-10T00:00:00+05:30	0	0	0	18.65
133	2025-08-11T00:00:00+05:30	0	0	0	19.72
134	2025-08-12T00:00:00+05:30	0	0	0	44.43
135	2025-08-13T00:00:00+05:30	0	0	0	40.91
136	2025-08-14T00:00:00+05:30	0	0	0	41.11
137	2025-08-15T00:00:00+05:30	0	0	0	52.96
138	2025-08-16T00:00:00+05:30	0	0	0	52.61
139	2025-08-17T00:00:00+05:30	0	0	0	49.44
140	2025-08-18T00:00:00+05:30	0	0	0	40.57
141	2025-08-19T00:00:00+05:30	0	0	0	44
142	2025-08-20T00:00:00+05:30	0	0	0	46.55
143	2025-08-21T00:00:00+05:30	0	0	0	40.04
144	2025-08-22T00:00:00+05:30	0	0	0	50.78
145	2025-08-23T00:00:00+05:30	0	0	0	39.18
146	2025-08-24T00:00:00+05:30	0	0	0	39.88
147	2025-08-25T00:00:00+05:30	0	0	0	34.37
148	2025-08-26T00:00:00+05:30	0	0	0	24.92
149	2025-08-27T00:00:00+05:30	0	0	0	34.12
150	2025-08-28T00:00:00+05:30	0	0	0	24.29
151	2025-08-29T00:00:00+05:30	0	0	0	24.17
152	2025-08-30T00:00:00+05:30	0	0	0	44.23
153	2025-08-31T00:00:00+05:30	0	0	0	51.84
154	2025-09-01T00:00:00+05:30	0	0	0	45.89
155	2025-09-02T00:00:00+05:30	0	0	0	29.78
156	2025-09-03T00:00:00+05:30	0	0	0	25.01
157	2025-09-04T00:00:00+05:30	0	0	0	29.2
158	2025-09-05T00:00:00+05:30	0	0	0	48.48
159	2025-09-06T00:00:00+05:30	0	0	0	40.76
160	2025-09-07T00:00:00+05:30	0	0	0	34.18
161	2025-09-08T00:00:00+05:30	0	0	0	14.15
162	2025-09-09T00:00:00+05:30	0	0	0	34.18
163	2025-09-10T00:00:00+05:30	0	0	0	29.8

164	2025-09-11T00:00:00+05:30	0	0	0	32.5
165	2025-09-12T00:00:00+05:30	0	0	0	30.62
166	2025-09-13T00:00:00+05:30	0	0	0	45.16
167	2025-09-14T00:00:00+05:30	0	0	0	47.05
168	2025-09-15T00:00:00+05:30	0	0	0	44.52
169	2025-09-16T00:00:00+05:30	0	0	0	36.39
170	2025-09-17T00:00:00+05:30	0	0	0	36.93
171	2025-09-18T00:00:00+05:30	0	0	0	37.97
172	2025-09-19T00:00:00+05:30	0	0	0	42
173	2025-09-20T00:00:00+05:30	0	0	0	39.64
174	2025-09-21T00:00:00+05:30	0	0	0	38.28
175	2025-09-22T00:00:00+05:30	0	0	0	39.61
176	2025-09-23T00:00:00+05:30	0	0	0	37.7
177	2025-09-24T00:00:00+05:30	0	0	0	38.67
178	2025-09-25T00:00:00+05:30	0	0	0	37.74
179	2025-09-26T00:00:00+05:30	0	0	0	30.26
180	2025-09-27T00:00:00+05:30	0	0	0	28.38
181	2025-09-28T00:00:00+05:30	0	0	0	37.24
182	2025-09-29T00:00:00+05:30	0	0	0	36.13
183	2025-09-30T00:00:00+05:30	0	0	0	29.36
184	2025-10-01T00:00:00+05:30	0	0	0	36.18
185	2025-10-02T00:00:00+05:30	0	0	0	38.41
186	2025-10-03T00:00:00+05:30	0	0	0	40.7
187	2025-10-04T00:00:00+05:30	0	0	0	40.72
188	2025-10-05T00:00:00+05:30	0	0	0	29.07
189	2025-10-06T00:00:00+05:30	0	0	0	30.78
190	2025-10-07T00:00:00+05:30	0	0	0	48.19
191	2025-10-08T00:00:00+05:30	0	0	0	49.16
192	2025-10-09T00:00:00+05:30	0	0	0	42.79
193	2025-10-10T00:00:00+05:30	0	0	0	39.18
194	2025-10-11T00:00:00+05:30	0	0	0	44.48
195	2025-10-12T00:00:00+05:30	0	0	0	57.18
196	2025-10-13T00:00:00+05:30	0	0	0	25.66
197	2025-10-14T00:00:00+05:30	0	0	0	5.98
198	2025-10-15T00:00:00+05:30	0	0	0	44.53
199	2025-10-16T00:00:00+05:30	0	0	0	53.57
200	2025-10-17T00:00:00+05:30	0	0	0	37.55
201	2025-10-18T00:00:00+05:30	0	0	0	91.17
202	2025-10-19T00:00:00+05:30	0	0	0	59.7
203	2025-10-20T00:00:00+05:30	0	0	0	43.41
204	2025-10-21T00:00:00+05:30	0	0	0	44.61
205	2025-10-22T00:00:00+05:30	0	0	0	42.24
206	2025-10-23T00:00:00+05:30	0	0	0	28.13
207	2025-10-24T00:00:00+05:30	0	0	0	40.65
208	2025-10-25T00:00:00+05:30	0	0	0	41.28
209	2025-10-26T00:00:00+05:30	0	0	0	39.41
210	2025-10-27T00:00:00+05:30	0	0	0	37.45
211	2025-10-28T00:00:00+05:30	0	0	0	39.88
212	2025-10-29T00:00:00+05:30	0	0	0	40.21
213	2025-10-30T00:00:00+05:30	0	0	0	28.83
214	2025-10-31T00:00:00+05:30	0	0	0	47.14
215	2025-11-01T00:00:00+05:30	0	0	0	47.42
216	2025-11-02T00:00:00+05:30	0	0	0	44.96
217	2025-11-03T00:00:00+05:30	0	0	0	44.16
218	2025-11-04T00:00:00+05:30	0	0	0	28.51
219	2025-11-05T00:00:00+05:30	0	0	0	43.53
220	2025-11-06T00:00:00+05:30	0	0	0	42.35

221	2025-11-07T00:00:00+05:30	0	0.27	0	49.3
222	2025-11-08T00:00:00+05:30	0	0	0	29.13
223	2025-11-09T00:00:00+05:30	0	0	0	11.59
224	2025-11-10T00:00:00+05:30	0	0	0	26.16
225	2025-11-11T00:00:00+05:30	0	0.3	0	30.09
226	2025-11-12T00:00:00+05:30	0	0	0	27.74
227	2025-11-13T00:00:00+05:30	0	0.02	0	29.79
228	2025-11-14T00:00:00+05:30	0	0	0	27.09
229	2025-11-15T00:00:00+05:30	0	0	0	27.34
230	2025-11-16T00:00:00+05:30	0	0	0	19.85
231	2025-11-17T00:00:00+05:30	0	0	0	27.51
232	2025-11-18T00:00:00+05:30	0	0	0	25.36
233	2025-11-19T00:00:00+05:30	0	0	0	25.65
234	2025-11-20T00:00:00+05:30	0	0.09	0	28.13
235	2025-11-21T00:00:00+05:30	0	0	0	27.7
236	2025-11-22T00:00:00+05:30	0	0	0	23.82
237	2025-11-23T00:00:00+05:30	0	0.04	0	27.44
238	2025-11-24T00:00:00+05:30	0	0.08	0	42.8
239	2025-11-25T00:00:00+05:30	0	0.8	0	42.66
240	2025-11-26T00:00:00+05:30	0	0.56	0	41.75
241	2025-11-27T00:00:00+05:30	0	0.79	0	40.37
242	2025-11-28T00:00:00+05:30	0	0.16	0	43.74
243	2025-11-29T00:00:00+05:30	0	0	0	45.14
244	2025-11-30T00:00:00+05:30	0	0	0	43.28
245	2025-12-01T00:00:00+05:30	0	0	0	44.64
246	2025-12-02T00:00:00+05:30	0	0	0	37.5
247	2025-12-03T00:00:00+05:30	0	0	0	27.2
248	2025-12-04T00:00:00+05:30	0	0	0	26.34
249	2025-12-05T00:00:00+05:30	0	0	0	33.3
250	2025-12-06T00:00:00+05:30	0	0	0	22.99
251	2025-12-07T00:00:00+05:30	0	0	0	13.8
252	2025-12-08T00:00:00+05:30	0	0	0	2.67
253	2025-12-09T00:00:00+05:30	0	0	0	9.14
254	2025-12-10T00:00:00+05:30	0	0	0	16.68
255	2025-12-11T00:00:00+05:30	0	0	0	25.3
256	2025-12-12T00:00:00+05:30	0	0	0	25.98
257	2025-12-13T00:00:00+05:30	0	0	0	24.9
258	2025-12-14T00:00:00+05:30	0	0	0	25.54
259	2025-12-15T00:00:00+05:30	0	0	0	28.62
260	2025-12-16T00:00:00+05:30	0	0	0	28.46
261	2025-12-17T00:00:00+05:30	0	0	0	26.35
262	2025-12-18T00:00:00+05:30	0	0	0	22.14
263	2025-12-19T00:00:00+05:30	0	0	0	32.62
264	2025-12-20T00:00:00+05:30	0	0	0	29.07
265	2025-12-21T00:00:00+05:30	0	0	0	34.43
266	2025-12-22T00:00:00+05:30	0	0	0	32.87
267	2025-12-23T00:00:00+05:30	0	0.01	0	24.54
268	2025-12-24T00:00:00+05:30	0	0	0	24.81
269	2025-12-25T00:00:00+05:30	0	0	0	24.35
270	2025-12-26T00:00:00+05:30	0	0	0	21.87
271	2025-12-27T00:00:00+05:30	0	0	0	27.38
272	2025-12-28T00:00:00+05:30	0	0	0	28.41
273	2025-12-29T00:00:00+05:30	0	0	0	25.47
274	2025-12-30T00:00:00+05:30	0	0	0	31.17
275	2025-12-31T00:00:00+05:30	0	0	0	36.72
276	2026-01-01T00:00:00+05:30	0	0	0	34.28
277	2026-01-02T00:00:00+05:30	0	0	0	26.09

278	2026-01-03T00:00:00+05:30	0	0	0	24.14
279	2026-01-04T00:00:00+05:30	0	0	0	29
280	2026-01-05T00:00:00+05:30	0	0	0	25.29
281	2026-01-06T00:00:00+05:30	0	0	0	38.38
282	2026-01-07T00:00:00+05:30	0	0	0	26.89
283	2026-01-08T00:00:00+05:30	0	0	0	24.03
284	2026-01-09T00:00:00+05:30	0	0	0	23.38
285	2026-01-10T00:00:00+05:30	0	0	0	27.41
286	2026-01-11T00:00:00+05:30	0	0	0	36.45
287	2026-01-12T00:00:00+05:30	0	0	0	36.93
288	2026-01-13T00:00:00+05:30	0	0	0	37.29
289	2026-01-14T00:00:00+05:30	0	0	0	37.08
290	2026-01-15T00:00:00+05:30	0	0	0	37.12
291	2026-01-16T00:00:00+05:30	0	0	0	37.14
292	2026-01-17T00:00:00+05:30	0	0	0	36.26
293	2026-01-18T00:00:00+05:30	0	0	0	28.58
294	2026-01-19T00:00:00+05:30	0	0	0	41.93
295	2026-01-20T00:00:00+05:30	0	0	0	39.18
296	2026-01-21T00:00:00+05:30	0	0	0	37.24
297	2026-01-22T00:00:00+05:30	0	0	0	36.73
298	2026-01-23T00:00:00+05:30	0	0	0	33.19
299	2026-01-24T00:00:00+05:30	0	0	0	20.37
300	2026-01-25T00:00:00+05:30	0	0	0	18.14
301	2026-01-26T00:00:00+05:30	0	0	0	24.64
302	2026-01-27T00:00:00+05:30	0	0	0	22.09
303	2026-01-28T00:00:00+05:30	0	0	0	19.61
304	2026-01-29T00:00:00+05:30	0	0	0	15.09
305	2026-01-30T00:00:00+05:30	0	0	0	26.78
306	2026-01-31T00:00:00+05:30	0	0	0	25.07
307	2026-02-01T00:00:00+05:30	0	0	0	20.8
308	2026-02-02T00:00:00+05:30	0	0.03	0	23.17
309	2026-02-03T00:00:00+05:30	0	0	0	25.23
310	2026-02-04T00:00:00+05:30	0	0.75	0	22.73
311	2026-02-05T00:00:00+05:30	0	0.18	0	2.31
312	2026-02-06T00:00:00+05:30	0	0.96	0	2.31
313	2026-02-07T00:00:00+05:30	0	0	0	3.64
314	2026-02-08T00:00:00+05:30	0	0.22	0	36.27
315	2026-02-09T00:00:00+05:30	0	1.17	0	24.63
316	2026-02-10T00:00:00+05:30	0	0	0	24.23
317	2026-02-11T00:00:00+05:30	0	0.06	0	27.36
318	2026-02-12T00:00:00+05:30	0	4.34	0	28.18
319	2026-02-13T00:00:00+05:30	0	4.54	0	31.02
320	2026-02-14T00:00:00+05:30	0	6.28	0	35.4
321	2026-02-15T00:00:00+05:30	0	2.85	0	48.77
322	2026-02-16T00:00:00+05:30	0	2.41	0	33.1
323	2026-02-17T00:00:00+05:30	0	0.24	0	27.47
324	2026-02-18T00:00:00+05:30	0	0	0	38.79
325	2026-02-19T00:00:00+05:30	0	0	0	22.11
326	2026-02-20T00:00:00+05:30	0	0	0	32.68
327	2026-02-21T00:00:00+05:30	0	0	0	19.79
328	2026-02-22T00:00:00+05:30	0	0	0	29.19
329	2026-02-23T00:00:00+05:30	0	0	0	34.79
330	2026-02-24T00:00:00+05:30	0	14.76	0	34.08
331	2026-02-25T00:00:00+05:30	0	0	0	43.36
332	2026-02-26T00:00:00+05:30	0	0	0	39.18
333	2026-02-27T00:00:00+05:30	0	0	0	46.92
334	2026-02-28T00:00:00+05:30	0	0	0	43.17

335	2026-03-01T00:00:00+05:30	0	0	0	11.51
336	2026-03-02T00:00:00+05:30	0	7.71	0	29.5
337	2026-03-03T00:00:00+05:30	0	16.81	0	27.83
338	2026-03-04T00:00:00+05:30	0	0	0	33.6
339	2026-03-05T00:00:00+05:30	0	0	0	33.25
340	2026-03-06T00:00:00+05:30	0	0	0	33.9
341	2026-03-07T00:00:00+05:30	0	0	0	32.46
342	2026-03-08T00:00:00+05:30	0	0	0	31.96
343	2026-03-09T00:00:00+05:30	0	4761.68	0	30.32
344	2026-03-10T00:00:00+05:30	0	8478.1	0	30.22
345	2026-03-11T00:00:00+05:30	0	8735.63	0	32.86
346	2026-03-12T00:00:00+05:30	0	8.01	0	31.89
347	2026-03-13T00:00:00+05:30	0	0.78	0	26.64
348	2026-03-14T00:00:00+05:30	0.01	0	0	NA
349	2026-03-15T00:00:00+05:30	0	0	0	NA
350	2026-03-16T00:00:00+05:30	0	0	0	NA
351	2026-03-17T00:00:00+05:30	0	0.08	0	NA
352	2026-03-18T00:00:00+05:30	0	0	0	NA
353	2026-03-19T00:00:00+05:30	0	0	0	NA
354	2026-03-20T00:00:00+05:30	0	0.02	0	NA
355	2026-03-21T00:00:00+05:30	0	1.14	0	NA
356	2026-03-22T00:00:00+05:30	0	0.38	0	NA
357	2026-03-23T00:00:00+05:30	0	0.45	0	NA
358	2026-03-24T00:00:00+05:30	0	0.07	0	NA
359	2026-03-25T00:00:00+05:30	0	0.06	0	NA
360	2026-03-26T00:00:00+05:30	0	1.01	0	NA
361	2026-03-27T00:00:00+05:30	0	0.09	0	NA
362	2026-03-28T00:00:00+05:30	0	0.3	0	NA
363	2026-03-29T00:00:00+05:30	0	0	0	NA
364	2026-03-30T00:00:00+05:30	0	0.98	0	NA
365	2026-03-31T00:00:00+05:30	0	0.1	0	NA

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 જી.ભરૂચ
5	The Sarpanch Gram Panchayat - Dadhal	તલાટી કમ મંત્રી ગામ 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	21/11/20

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.