

RG104339931IN IVR:87110433993
BL ANKLESHWAR IE 90 393002
Counter No:1,08/07/2021,13:03
To:GPCB,VADODARA
PIN:390023, Subhanpura 90
From:BEIL INFRASTRUCTURE,GIDC
Wt:1160gms
Amt:310.00(Cash)
(Track on www.indiaipost.gov.in)

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

Date: 02.07.20
PCB XGN ID: 14983

To,
The Director
Ministry of Environment, Forest & Climate Change
Western Region Office,
Kendriya Paryavaran Bhavan,
Link Road No.3, E-5 Ravishankar Nagar
Bhopal-462016

Subject: Half yearly EC Compliance Status of Environmental clearance for expansion and common incineration facilities at Ankleshwar by M/s BEIL Infrastructure Limited for the period Oct 2020 – Mar 2021.

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

Dear Sir,

BEIL Infrastructure Limited is operating a TSDf consisting of a secured landfill Facility, two common Incinerators and MEE located at plot No # 9701-16, GIDC estate, Ankleshwar-393002, Dist. Bharuch,Gujarat.

We are submitting herewith the half yearly EC Compliance status report for the period of Oct 2020 – Mar 2021 of Environmental clearance for expansion (landfill) and common incineration facilities at Ankleshwar issued by MoEF letter No. 10-48/2007 1A-III dated 04th March,2008, EC # F.10-10/2014-1A.III dated 31.12.2015 and Environmental Clearance No. F. 10-10/2014-1A-III dated 16th April, 2018

We would like to bring to your attention that for EC # F. 10-10/2014-1A.III dated 1st August 2017 and Environmental Clearance No. F. 10-25/2019-1A-III dated 15th October,2020, we will apply for CCA application to GPCB.

BEIL has received and disposed landfillable Hazardous waste as below
During 1st Oct 2020 – 31st Mar2021: 154207.9 MT.
Cumulative quantity disposed in landfill from the beginning (up to 31.03.2021): 3498639.047 MT
Incinerable waste details are as follows;

RG104339945IN IVR:87110433994
BL ANKLESHWAR IE 90 393002
Counter No:1,08/07/2021,13:03
To:THE DIRECTOR ,MOEF & CC
PIN:462016, R.S.Nagar S.O
From:BEIL INFRASTRUCTURE,GIDC
Wt:1320gms
Amt:350.00(Cash)

RECEIVED
Gujarat Pollution Control Board
R.O. Gandhinagar
Date: 8/7/21



Incinerable Waste Receipt	Incinerated
Current year 11047.7 MT (01.10.2020 to 31.03.2021)	Current year: 9963.9 MT (01.10.2020 to 31.03.2021)
Cumulative: 339761.6 MT (Up to 31.03.2021)	Cumulative: 273264.4 MT (Up to 31.03.2021)

We are sending blended liquid & solid waste to M/s. Ambuja Cement, Kodinar, Gujarat and to M/s. Birla Corporation Chanderia, Rajasthan, J K cement, Wonder cement, ACC Jamulfor co processing as per the permission given by GPCB. During 01.10.2020 to 31.03.2021, we have sent 3895.677 MT of waste for co-processing in cement kiln. Cumulative quantity of waste send for co-processing from beginning to 31.03.2021 is 63322.755 MT.

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

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

Thanking you,
Yours faithfully,
For **BEIL Infrastructure Limited**

B. D. Dalwadi
Chief Executive Officer

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

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

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

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

S r. N o.	Observation/Conditions as per Environmental Clearance No. 10-48/2007-IA-III dated 4th March, 2008			Status of compliance of EC Conditions
1	The project involves development & operation of a secured landfill for treatment, storage and disposal of hazardous waste at GIDC, Ankleshwar, Gujarat. BEIL designed the existing TSDF with German Technical Assistance through NPC. New Delhi as phase -1 with a capacity of 5,00,000 MT and Incineration capacity at 6.5 Million K. Cal/hour. At present there are 450 member units who use secured landfill facility, during the last seven years of the operation of the facility, BEIL reported to have collected and disposed of more than 4,16,000 MT of hazardous waste and the existing facility is reported to be sufficient only till the end of 2006. Hence, BEIL proposes to expand the existing. Facility as per the CPCB guidelines. The cost of the proposed expansion is estimated to be about Rs.45.45 Crores. The details of the existing and proposed expansion are given as follows:			Noted.
S r. N o.	Activity	Existing	Proposed	
1	Secured Landfill (SLF)	Capacity: 5,00,000 MT	Additional Capacity: 14,00,000 MT	Complied. As per our CCA No- AWH 89137, Date 02.11.2017 capacity of phase I and phase II is 23 lac MT. Phase 1 – after disposal of 601404.117 MT waste, was capped in March 2007. Phase 2 – after disposal of 1737344.036 MT waste it was capped

				Phase 3 – Waste disposal till Mar 2021 is 1121960.93 MT.
2	Incinerator	Capacity: 6.5 million K. Cal/hour (24 – 60 MT per day)	Additional Incinerator capacity: 25 Million K. Cal/hour with heat recovery system (i.e.6-10 MT/hr.)	Complied As per our CCA No- AWH 89137, Date 02.11.2017 we are operating both the incinerators at 6.5 million K. Cal/hour capacity each, i.e. (6.5 million K. Cal/hour X 2)
3	Solvent Recovery System	-	50 MT/day	Project is on hold and not yet Implemented.
4	Drum decontamination and disposal system	-	500 No. of Drums/day	Complied Company has incorporated drums decontamination system in the year 2008 and for that we have obtained CCA with drums decontamination capacity - 108000 nos /Year.
5	Evaporation plant	-	15 MT/hour	Complied Evaporation plant with capacity of 15 MT/Hr is installed and commissioned on 19 th March 2012 and is being operated. For that we have obtained Consent to operate i.e. CC &A AWH 89137 valid up to 31.07.2022.
6	Fly Ash Brick Manufacturing plant	-	10,000 Nos/day	Project is on hold and yet to be implemented.
7	Bio-gas plant from Kitchen waste	-	5 MT/day	We are not operating the old biogas plant from 11 th June 2019. We have installed a new Kitchen waste processing unit and is being operated.

2	<p>All the proposed facility, except landfill expansion, stated to be accommodated in the existing area itself. Waste generated from the treatment facility will be disposed off in secured landfill which includes ash from incinerated around 12,600 MT/Year: Discarded packing materials around 5,40,000 nos/yeas, the salt from Multiple Effect Evaporation system around 9,000 MT / Year. With regard to the capacity of the facility it was indicated that second phase of secured landfill facility will be 17.00 Lacs MT and the additional common incineration system will be 25.00 million kcal per hours. Public hearing was conducted on 30.08.2005 based on Environmental Impact Assessment. Minutes of public hearing were submitted. The proponents made a detailed presentation on each of the issues raised by the public and the action taken report.</p>	<p>Complied</p> <p>All the proposed facility, except landfill expansion are accommodated in the existing area itself. Waste generated from the treatment facility is disposed off in secured landfill which includes ash from incineration 6775.810 MT during the October'20 to March'21; Discarded packing materials 517.59 MT during the October'20 to March'21; the salt from Multiple Effect Evaporation system 6315.8 MT during the October'20 to March'21. With regard to the capacity of the facility.</p>
3	<p>The proposal falls under the category 'A', 7(d) of Environmental Impact Assessment Notification 2006 and was considered by Expert committee at its meeting held on 21st& 22nd June, 2007 and 23rd , 24th& 25th January, 2008 and has recommended. Accordingly, the clearance is here by accorded under Environment Impact.</p>	<p>Noted</p>

A. SPECIFIC CONDITIONS:

Sr. No.	Description	Status																					
1	The project proponent shall ensure that the TSDF fulfills all the provision of hazardous waste (management and handling) rules 2003 and the design of landfill is as per the guidelines of the Central Pollution Control Board with proper leachate collection arrangement.	<p>Complied.</p> <p>We had fulfilled all the provisions of hazardous waste (management and handling) rules 2003 and its amendments from time to time. Now, we have fulfilled all the provisions of hazardous waste and other waste (management and Transboundary movement) rules 2016, compliance is as below.</p> <p>*The relevant compliance hazardous waste and other waste (management and Transboundary movement-) rules 2016 are as under:</p> <table border="1" data-bbox="402 443 1477 1939"> <thead> <tr> <th colspan="3" data-bbox="402 443 1477 477">16. Treatment, storage and disposal facility for hazardous and other wastes</th> </tr> <tr> <th data-bbox="402 477 477 539">Sr. no</th> <th data-bbox="477 477 1123 539">Rule</th> <th data-bbox="1123 477 1477 539">Status</th> </tr> </thead> <tbody> <tr> <td data-bbox="402 539 477 757">1</td> <td data-bbox="477 539 1123 757">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.</td> <td data-bbox="1123 539 1477 757">Existing site (jointly identified)</td> </tr> <tr> <td data-bbox="402 757 477 1462">2</td> <td data-bbox="477 757 1123 1462">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.</td> <td data-bbox="1123 757 1477 1462"> <p>Complied.</p> <p>Design of landfill is as per the guidelines of the central pollution control board i.e. complying all location, planning – design, phase operation, liner system, closure and post closure maintenance plan, site infrastructure, environment monitoring system, financial assurance, etc. criteria along with leachate collection arrangement.</p> <p>The designs are approved by IIT Delhi.. Drawings are submitted to GPCB.</p> <p>Compliance of the central pollution control board guidelines is attached as Annexure 00.</p> </td> </tr> <tr> <td data-bbox="402 1462 477 1585">3</td> <td data-bbox="477 1462 1123 1585">The State Pollution Control Board shall monitor the setting up and operation of the common or captive treatment, storage and disposal facility, regularly.</td> <td data-bbox="1123 1462 1477 1585">Complied. GPCB visits our facility every month.</td> </tr> <tr> <td data-bbox="402 1585 477 1803">4</td> <td data-bbox="477 1585 1123 1803">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.</td> <td data-bbox="1123 1585 1477 1803">Complied. Landfill operation, closure and post closure is done according to the guideline of CPCB.</td> </tr> <tr> <td data-bbox="402 1803 477 1939">5</td> <td data-bbox="477 1803 1123 1939">The operator of common facility or occupier of a captive facility shall maintain records of hazardous and other wastes handled by him in Form 3.</td> <td data-bbox="1123 1803 1477 1939">Complied. All relevant details are maintained as per Form 3.</td> </tr> </tbody> </table>	16. Treatment, storage and disposal facility for hazardous and other wastes			Sr. no	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.	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Drawings are submitted to GPCB.</p> <p>Compliance of the central pollution control board guidelines is attached as Annexure 00.</p>	3	The State Pollution Control Board shall monitor the setting 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 a captive facility shall maintain records of hazardous and other wastes handled by him in Form 3 .	Complied. All relevant details are maintained as per Form 3.
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		<p>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.</p>	<p>Complied. We are submitting Form – 4 (Annual Return) for each financial year.</p>																		
2	<p>The project proponent shall ensure that the transportation of the hazardous wastes to the TSDF conforms to the norms laid down in the hazardous waste (Management and Handling) rules 2003.</p>	<p>Complied Transportation of hazardous waste confirmed to the provisions of hazardous waste (management and handling) rules 2003 and its amendments from time to time. Now, we have fulfilled all the provisions of hazardous waste and other waste (management and Transboundary movement) rules 2016, compliance is as below.</p> <table border="1" data-bbox="403 898 1479 1821"> <thead> <tr> <th colspan="3" data-bbox="403 898 1479 927">18. Transportation of hazardous and other wastes.-</th> </tr> <tr> <th data-bbox="403 927 491 987">Sr. no</th> <th data-bbox="491 927 1121 987">Rule</th> <th data-bbox="1121 927 1479 987">Status</th> </tr> </thead> <tbody> <tr> <td data-bbox="403 987 491 1211">1</td> <td data-bbox="491 987 1121 1211">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.</td> <td data-bbox="1121 987 1479 1211">Complied. We have ensured that the transportation of the hazardous waste is done according to the guidelines.</td> </tr> <tr> <td data-bbox="403 1211 491 1406">2</td> <td data-bbox="491 1211 1121 1406">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.</td> <td data-bbox="1121 1211 1479 1406">Complied. Proper Labelling system and Trem Card is provided to the transporter. Manifest system is followed.</td> </tr> <tr> <td data-bbox="403 1406 491 1576">4</td> <td data-bbox="491 1406 1121 1576">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.</td> <td data-bbox="1121 1406 1479 1576">Complied. An intimation letter is giving to both the SPCBs.</td> </tr> <tr> <td data-bbox="403 1576 491 1821">5</td> <td data-bbox="491 1576 1121 1821">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 shall give prior intimation to the concerned State Pollution Control Board of the States of transit before handing over the wastes to the transporter.</td> <td data-bbox="1121 1576 1479 1821">Complied. An intimation letter is giving to all the SPCBs involved.</td> </tr> </tbody> </table>		18. Transportation of hazardous and other wastes.-			Sr. no	Rule	Status	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.	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. Proper Labelling system and Trem Card is provided to the transporter. 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. An intimation letter is giving 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 shall give prior intimation to the concerned State Pollution Control Board of the States of transit before handing over the wastes to the transporter.	Complied. An intimation letter is giving to all the SPCBs involved.
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		<p>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 Pollution Control Board. This responsibility should be clearly indicated in the manifest.</p>	Noted and is been followed.									
		<p>7 The authorization for transport shall be obtained either by the sender or the receiver on whose behalf the transport is being arranged.</p>	<p>Complied. We have 358 authorized vehicle which are equipped with GPS system and are being used for Transportation of Hazardous waste from member Industries to TSDF</p>									
3	The TSDF shall only handle the waste generated from the member units.	<p>Complied We accept waste only of member units, who have valid CC&A obtained from GPCB. At present we are having 688 members for Landfill and 719 members of Incinerator. In support of this we are submitting returns to GPCB.</p>										
4	Forced evaporation shall be provided to treat the effluent/leachate generated from the landfill.	<p>Complied We have installed Induced forced Multi Effect Evaporator to treat the effluent/leachate generated from the landfill. Effluent / Leachate generated from the land fill is evaporated at the site and condensate is partly recycled. Remaining condensate is sent to M/s Enviro Technology Limited, Ankleshwar (CETP) for further treatment and disposal as per the consent given by GPCB. Also whenever MEE is under maintenance, Leachate/ Effluent is send to CETP. For the period October'20 to March'21 : 11555 KL leachate treated in MEE plant & 510 KL leachate sent to ETL for further treatment & disposal.</p>										
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	<p>Complied All the 37 conditions stipulated in the letter of Gujarat PCB vide their letter dated 22.05.2007 have been implemented along with hazardous (Management and Handling) Rules 2003 and Hazardous & Other Wastes (Management & Trans-Boundary Movement) Rules 2016 and complied. Compliance of the same is attached as ANNEXURE 0.</p> <p>The relevant compliance hazardous waste and other waste (management and Transboundary movement) rules 2016are as under:</p>										
<table border="1"> <thead> <tr> <th colspan="3">16. Treatment, storage and disposal facility for hazardous and other wastes</th> </tr> <tr> <th>Sr. no</th> <th>Rule</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>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.</td> <td>Noted</td> </tr> </tbody> </table>				16. Treatment, storage and disposal facility for hazardous and other wastes			Sr. no	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
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	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.	<p>Complied. Design of landfill is as per the guidelines of the central pollution control board i.e. complying all location, planning – design, phase operation, liner system, closure and post closure maintenance plan, site infrastructure, environment monitoring system, financial assurance, etc. criteria along with leachate collection arrangement.</p> <p>The designs are approved by IIT Delhi..Drawings are submitted to GPCB.</p> <p>Compliance of the central pollution control board guidelines has attached as Annexure 00.</p>
	3	The State Pollution Control Board shall monitor the setting 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 a captive facility shall maintain records of hazardous and other wastes handled by him in Form 3.	Complied. All relevant details are maintained as per Form 3.
	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 30 th 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. -		
Sr. no	Rule	Status
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.
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. Proper Labelling system and Trem Card is provided to the transporter.

		<p>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.</p> <p>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 shall give prior intimation to the concerned State Pollution Control Board of the States of transit before handing over the wastes to the transporter.</p> <p>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 Pollution Control Board. This responsibility should be clearly indicated in the manifest.</p> <p>7 The authorization for transport shall be obtained either by the sender or the receiver on whose behalf the transport is being arranged.</p>	<p>Complied. An intimation letter is giving to both the SPCBs.</p> <p>Complied. An intimation letter is giving to all the SPCBs involved.</p> <p>Noted and is been followed.</p> <p>Complied. We have 358 authorized vehicle which are equipped with GPS system and are being used for Transportation of Hazardous waste from member Industries to TSDF</p>
6	No ground water shall be tapped for project.	<p>Complied</p> <p>Water is being provided by GIDC for process purpose but when there is shortage of water we use bore water to match our requirement. As per EC F. 10-10/2014-IA-III dated 31.12.15 specific condition point (X) we have received NOC No. CGWA/NOC/IND/ORIG/2021/10974 dated 10.02.21 from CGWA to utilize borewell water</p>	
7	The project proponent shall monitor the ambient air quality, groundwater and noise abutting the site as per norms laid down by CPCB.	<p>Complied.</p> <p>We are carrying out internally weekly ambient air monitoring, fortnightly ground water monitoring & monthly noise level monitoring. For ambient air monitoring we are having 3 monitoring stations.</p> <p>Company is also carrying out monitoring through third party (once in the month from April'20) of Ambient Air, ground water, noise level etc. as per norms laid down by CPCB.</p> <p>It may be noted that, as indicated in the results, parameters of up-streams wells are higher than the downstream wells.</p> <p>The monitoring results are attached for period Oct'20 to Mar'21 as Annexure 1, Annexure 2, and Annexure 3.</p> <p>*Note: The frequency of third party monitoring (Air, Water and Noise) is once in the month from April'20.</p> <p>Ground water (Analysis Period October'20 to March'21):</p>	

Sr.no	Parameters	Unit	Permissible limits	Average of outside the premises	Average of upstream borewell	Average of downstream borewell
1	Colour	Hazen	15	5.0	9.1	7.1
2	pH	-	No relaxation	7.7	7.2	7.3
3	Electric Conductivity	mmhos/cm	-	2541.3	5856.4	3301.7
4	Turbidity	NTU	5	0.8	2.5	0.8
5	TSS	mg/lit	-	3.7	7.8	6.7
6	TDS	mg/lit	2000	1561.2	3773.6	2024.1
7	TOC	mg/lit	-	4.2	10.9	6.3
8	COD	mg/lit	-	18.5	55.1	29.4
9	Chloride	mg/lit	1000	437.7	1439.0	601.0

Ambient Air (Analysis Period October'20 to March'21):

Sr. no.	Parameters	Unit	GPCB/CPCB Permissible Limit	Behind Shed No. 8 corner	Near Detox site road	Near Lab	Min
1	RSPM (Pm 10)	µg/m ³	100	66.9	66.42	68.48	66.42
2	PM _{2.5}	µg/m ³	60	41.2	39.44	44.14	39.44
3	Sulphur Dioxide	µg/m ³	80	15.2	15.54	17.74	15.2
4	Nitrogen Dioxide	µg/m ³	80	31.6	24.52	33.34	24.52
5	Ammonia (NH ₃)	µg/m ³	400	30.3	21.6	29.6	21.6
6	Lead As Pb	µg/m ³	1	0.4	0.274	0.274	0.274
7	Nickel as Ni	ng/m ³	NS	8.6	7.62	11.16	7.62
8	Arsenic as As	ng/m ³	NS	2.5	1.9575	2.27	1.9575

Noise level (Analysis Period October'20 to March'21):

Sr. No.	Noise monitoring sampling location	Category	Results (Avg)			
			GPCB/CPCB Permissible Limit (Day) (in dB)	Day	GPCB/CPCB Permissible Limit (Night) (in dB)	Night
1	Near Main gate	Industrial	75	57.60	70	51.57
2	Near Lab	Industrial	75	52.70	70	48.33

		3	Near admin	Industrial	75	52.48	70	47.77
		4	Truck wash	Industrial	75	58.93	70	54.32
		5	Drum	Industrial	75	58.13	70	51.40
		6	Near East Side of Incinerator	Industrial	75	67.73	70	62.70
		7	Near Incinerator	Industrial	75	69.53	70	64.15
8	Incineration of hazardous wastes shall be carried as per the guidelines of CPCB. The emissions from the incinerator shall be passed through APCS and disposal through 30 meter stack.	<p>Complied</p> <p>Incineration of hazardous wastes is carried out as per the guidelines of CPCB wherein the operating temperatures of RK and SC are maintained, Online stack monitoring system (CEMS) has been installed, the results of which are transmitted to GPCB/CPCB . Handling & transportation is also done as per the guidelines.</p> <p>The emission from the incinerator is passed through two stages Scrubbing system (dry scrubber and wet scrubber) for Air pollution control. The stack height of Incinerator plant is 45 meters as mentioned in CC&A.</p>						
9	Project proponent shall ensure that wastes with organic content >5% of degradable organic matters are not disposed into the landfill. However, required arrangement for collection treatment and disposal of gases from the landfill of any, should be provided.	<p>Complied.</p> <p>We are carrying out finger-print analysis of every truck load of waste received at site. We ensure that waste with organic content >5% of degradable organic matters are not disposed into landfill. Comprehensive analysis is being carried out at the time of enrolling members. If organic content is high, the waste is sent for incineration. Only inorganic waste or waste meeting acceptance criteria, is sent to landfill. Waste having organic content not suitable for landfill as well as incinerator is send back to respective industry and again accepted only if it follows the acceptance criteria. Required arrangements for collection, treatment and disposal of gases from the landfill is provided.</p> <p>We are monitoring the vents provided at the closed portion of the landfill every month and the concentrations of hydrocarbons are very low.</p> <p>Typical reports of comprehensive analysis and finger-print analysis are attached as Annexure 4.</p>						
10	Project proponent shall have environmental	<p>Complied</p> <p>BEIL has prepared on site Emergency plan and it is updated annually. Onsite emergency plan is including points like hazard identification and risk analysis, organization setup, communication system, action on site, link with offsite emergency</p>						

	<p>management plan and onsite emergency management plan.</p>	<p>plan, training rehearsals and record aspects, offsite effects of any emergency, the duties and functions to control any emergency etc. Mock drills are also being conducted. On-site Emergency Plan inward letter copy is attached as Annexure 5.</p> <p>Summary of EMP Compliance is as below, and Detailed EMP Compliance is attached as Annexure -13.</p> <table border="1" data-bbox="402 459 1474 1570"> <thead> <tr> <th data-bbox="402 459 480 533">Sr. No.</th> <th data-bbox="480 459 871 533">Condition</th> <th data-bbox="871 459 1474 533">Compliance Status</th> </tr> </thead> <tbody> <tr> <td data-bbox="402 533 480 651">1.</td> <td data-bbox="480 533 871 651">Temporary storage for hazardous waste</td> <td data-bbox="871 533 1474 651">Complied. Temporary storage of hazardous waste of capacity 30000 MT for monsoon period has been provided.</td> </tr> <tr> <td data-bbox="402 651 480 770">2.</td> <td data-bbox="480 651 871 770">Loading and unloading of waste</td> <td data-bbox="871 651 1474 770">Complied. Adequate facility and equipment for unloading of waste has been provided.</td> </tr> <tr> <td data-bbox="402 770 480 1151">3.</td> <td data-bbox="480 770 871 1151">Transportation of waste</td> <td data-bbox="871 770 1474 1151">Complied. We have ensured that the transportation of the hazardous wastes to the TSDF confirms to the norms laid down in the Hazardous and other wastes (management and transboundary Movement) Rules, 2016. Total Approved 416 dedicated vehicles equipped with GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF.</td> </tr> <tr> <td data-bbox="402 1151 480 1335">4.</td> <td data-bbox="480 1151 871 1335">Monitoring activity</td> <td data-bbox="871 1151 1474 1335">Complied. We are carrying out internally as well as externally monitoring of soil, ambient air, ground water, storm water, noise monitoring on regular basis.</td> </tr> <tr> <td data-bbox="402 1335 480 1570">5.</td> <td data-bbox="480 1335 871 1570">Leachate management system</td> <td data-bbox="871 1335 1474 1570">Complied. Adequate nos. of leachate (6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collection well for Phase III) collection wells have been provided.</td> </tr> </tbody> </table> <p>BEIL has Implemented Prestigious Environmental Management system standard ISO 14001:2015 & ISO 45001: 2018 and OHSAS 18001 Safety system. Certificates are attached as Annexure 6.</p>	Sr. No.	Condition	Compliance Status	1.	Temporary storage for hazardous waste	Complied. Temporary storage of hazardous waste of capacity 30000 MT for monsoon period has been provided.	2.	Loading and unloading of waste	Complied. Adequate facility and equipment for unloading of waste has been provided.	3.	Transportation of waste	Complied. We have ensured that the transportation of the hazardous wastes to the TSDF confirms to the norms laid down in the Hazardous and other wastes (management and transboundary Movement) Rules, 2016. Total Approved 416 dedicated vehicles equipped with GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF.	4.	Monitoring activity	Complied. We are carrying out internally as well as externally monitoring of soil, ambient air, ground water, storm water, noise monitoring on regular basis.	5.	Leachate management system	Complied. Adequate nos. of leachate (6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collection well for Phase III) collection wells have been provided.
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11	<p>Project proponent shall carry out periodical groundwater/soil monitoring in and around the site to check the</p>	<p>Complied.</p> <p>We carry out ground water and soil monitoring once in the month externally in and around the site to check the contamination, the results of which are attached as Annexure 1 and Annexure 7.</p> <p>Ground water Analysis Period (October'20 to March'21):</p>																		

contamination including TCLP test for heavy metals.							
	Sr.no	Parameters	Unit	Permissible limits	Average of outside the premises	Average of upstream borewell	Average of downstream borewell
	1	Colour	Hazen	15	5.0	9.1	7.1
	2	pH	-	No relaxation	7.7	7.2	7.3
	3	Electric Conductivity	mmhos/cm	-	2541.3	5856.4	3301.7
	4	Turbidity	NTU	5	0.8	2.5	0.8
	5	TSS	mg/lit	-	3.7	7.8	6.7
	6	TDS	mg/lit	2000	1561.2	3773.6	2024.1
	7	TOC	mg/lit	-	4.2	10.9	6.3
	8	COD	mg/lit	-	18.5	55.1	29.4
9	Chloride	mg/lit	1000	437.7	1439.0	601.0	
Soil Monitoring: The actual result and its avg sheet is attached as Annexure – 7.							
12	Adequate dust and noise separation measures should be put in place during construction of the plant.	Complied Adequate dust suppression systems water sprinkling, adequate enclosure, etc were applied and noise separation measures like acoustic enclosures, wherever possible, were put in place during construction of the plant.					
13	Green belt development to a tune of 41,000 sqmts with thick canopy trees around the project site should be taken up to mitigate the impacts on the overall air quality at the site.	Complied Green belt is developed in total 41,000 sq. mt to mitigate the impacts on the overall air quality at the site. Additionally, after the closure and capping of SLF in phased manner is total 75940 Sq.mt. Thus total 41.87% (14.68% + 27.19%) of total plot area is earmarked for development of green cover. The area available after capping of SLF in phased manner is given below: 6,500 m ² in Phase-I developed as garden 16000 no of Jatropha planted. 43,440 m ² in Phase-II under plantation. 10,000 m ² in Phase-III proposed after capping. Layout of green belt within the premises is attached as Annexure – 16.					
14	The groundwater, surface water	Complied. Company is carrying out internal monitoring ground water monitoring, surface water monitoring & ambient air quality once in the month.					

and air quality should be monitored regularly to assess the leachate contamination.

Company is also carrying out externally quarterly monitoring of ground water, Ambient Air quality.

Up- Stream and Down Stream Monitoring wells have been provided and their Monitoring is done once in each quarter by a third party.

An average of all the ground water samples in and around the site are mentioned in the table below.

It may be noted that, as indicated in the results, parameters of up-streams wells are higher than the down stream wells.

Separate provision for storm water runoff has been provided surrounding the landfill, which leads to GIDC drainage. Storm water is discharged in GIDC drainage line only once its analysis is carried out and it is found non-contaminated. Any Contaminated storm water is sent to ETL (as per our CCA).

Reports of Ambient Air Internal and external analysis area attached as **Annexure 2 & 2(A)** and ground water analysis are attached as **Annexure 1**.

Ambient Air Analysis (Period October'20 to March'21):

Sr. no.	Parameters	Unit	GPCB/CPCB Permissible Limit	Behind Shed No. 8 corner	Near Detox site road	Near Lab	Min
1	RSPM (Pm 10)	µg/m ³	100	66.9	66.42	68.48	66.42
2	PM 2.5	µg/m ³	60	41.2	39.44	44.14	39.44
3	Sulphur Dioxide	µg/m ³	80	15.2	15.54	17.74	15.2
4	Nitrogen Dioxide	µg/m ³	80	31.6	24.52	33.34	24.52
5	Ammonia (Nh ₃)	µg/m ³	400	30.3	21.6	29.6	21.6
6	Lead As Pb	µg/m ³	1	0.4	0.274	0.274	0.274
7	Nickel as Ni	ng/m ³	NS	8.6	7.62	11.16	7.62
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		9	Chloride	mg/lit	1000	437.7	1439.0	601.0
15	A leachate collection system should be provided to collect the leachate at a collection point. Treatment facility for the collected leachate should be provided. The treated water shall be reused as far as possible in the project.	<p>Complied</p> <p>A well designed leachate collection system is developed. There are provision of 6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collection well for Phase III. Leachate is collected and either treated at the Multiple Effect Evaporation Plant in the premises or sent to CETP (M/S Enviro Technology Limited) for treatment and disposal.</p> <p>For the period October'20 to March'21 : 11555 KL leachate treated in MEE plant & 510 KL leachate sent to ETL for further treatment & disposal. The leachate treatment data is submitted to GPCB along with monthly report and quarterly Protocol.</p>						
16	The landfill site should be as per the norms laid down by CPCB.	<p>Complied.</p> <p>We have fulfilled all the guidelines of the central pollution control board i.e. complying all location, planning – design, phase operation, liner system, closure and post closure maintenance plan, site infrastructure, environment monitoring system, financial assurance, etc. criteria along with leachate collection arrangement.</p> <p>IIT Delhi, is guiding for construction and operation of the Landfill.</p> <p>Compliance of the central pollution control board guidelines is attached as Annexure 00.</p>						
17	A separate environment management cell with suitably qualified staff to carry out various environment related functions	<p>Complied.</p> <p>Company have separate Environmental Management cell. General Manager, manager – Environment, Environmental lab head, are directly reporting to Chief executive officer and Director.</p> <p>Details of the persons engaged in the Environment cell are as below:</p> <ol style="list-style-type: none"> 1. Mr. Manoj Patel: General Manager – Civil (BE Civil) 2. Ms. Rakshita Vyas – Manager- Env. (PGD-Environment) 						

	<p>should be set up under the charge of a senior executive who will report directly to the chief executive of the organization.</p>	<p>3. Adwitiya Bhattacharya: Environment Engineer (BE Environment) 4. Bhoomi Tambda: Environment Engineer (BE Environment) 5. Mr. Satish Gaddam: Head, Environment Laboratory</p>												
18	<p>The funds earmarked for environment protection measures should be maintained in a separate account and there should be no diversion of these funds for any other purpose. A year wise expenditure on environmental safeguards should be reported to this ministry's regional office at Bhopal.</p>	<p>Complied.</p> <p>A separate account is maintained for environment protection and the cumulative amount is 1,488.47 Lac. These funds are not diverted for any other activity.</p> <p>Year wise expenditure on environmental protection are as below.</p> <table border="1" data-bbox="427 864 1477 1189"> <thead> <tr> <th>Year</th> <th>Capital Expense (Lacs)</th> <th>Revenue Expense (Lacs)</th> </tr> </thead> <tbody> <tr> <td>2018-2019</td> <td>185</td> <td>43.44</td> </tr> <tr> <td>2019-2020</td> <td>626.50</td> <td>413.80</td> </tr> <tr> <td>2020 - 2021</td> <td>644.07</td> <td>429.82</td> </tr> </tbody> </table>	Year	Capital Expense (Lacs)	Revenue Expense (Lacs)	2018-2019	185	43.44	2019-2020	626.50	413.80	2020 - 2021	644.07	429.82
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A. General Condition

Sr. No.	Description	Status
1	Construction of the proposed structures should be undertaken meticulously confirming to the existing central/local rules and regulations. All the construction designs/drawings relation to the proposed construction activities must have approvals of the concerned state government department/agencies.	Complied. Our all designs and drawings are approved by concerned state government. Approval letter from GIDC and DISH are attached as Annexure 8 .
2	To meet any emergency situation, appropriate fire-fighting system should be available. Appropriate arrangements for uninterrupted power and water supply to meet the requirements of the environment protection equipment and continuous water supply for the firefighting system should be made.	Complied The TSDF has 1000 KL fire water arrangement. The fire Hydrant system is designed as per the TAC guideline. All storage sheds are covered by water sprinkler system as well as heat and smoke detector system. TSDF has three pumps (Jokey, Electrical and Diesel) each of capacity are 10 m3/Hr, 273 m3/Hr and 273 m3/Hr respectively. We have also membership of Disaster Prevention and Maintenance Center which is equipped with all requirements of disasters.
3	Full support should be extended to the officers of this ministry's regional office at Bhopal and the officers of the central and furnishing full details and action plans including the action taken reports in respect of mitigative measures and other environmental protection activities.	Noted and complied Full support is extended to the officers of ministry's regional office at Bhopal and the officers of the central and furnishing full details and action plans including the action taken reports in respect of mitigative measures and other environmental protection activities.
4	In case of deviation or alteration in the project including the implementing agency, a fresh reference should be made to this ministry for modification in the clearance conditions or imposition of new one for ensuring environmental protection. The project proponents should be responsible for implementing the suggested safeguard measures.	Complied. There has been no deviation or alteration in the project including the implementing agency. For modification and expansion we have obtained EC vide letter no. F.No. 10-10/2014-IA.III dated 31.12.2015, F.No. 10-10/2014-IA.III dated 01.08.2017, F.No. 10-10/2014-IA.III dated 16.04.2018 and F.No 10-25/2019-IA-III dated 15 th October,2020

5	This ministry reserves the right to revoke this clearance. If any of the conditions are not complied with to the satisfaction of this ministry.	Noted
6	This ministry or any other competent authority may stipulate any other additional conditions subsequently. If deemed necessary, for environmental protection, which shall be compelled with.	Noted.
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.	Complied. We had marked the copy of the clearance letter to all the concerned dated 24.03.2008 and recorded. Same is attached as Annexure 9 .
8	Gujarat Pollution Control Board should display a copy of the clearance letter at the district industries center and collector's office/tehsildar's office for 30 days.	Complied. We had submitted the copy of EC along with the letter dated 24.03.2008.
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	Complied. We have given advertisement in papers SANDESH (vernacular language) & THE INDIAN EXPRESS dated 22.03.2008 and same has attached as Annexure 10 .
10	The project proponents should inform regional office Bhopal as well as the ministry, the date of financial closure and final approval of the project by the	Complied. The consent & Authorization for the project is accorded by GPCB vide letter no GPCB/CCA-BRCH-167(13)/ID-14983/134176 dtd. 04.01.2013

	concerned authorities and the date of start of work.	WE have informed MoEF-Bhopal as well as ministry the date of start of work and financial closure by concerned authority via our letter BEIL-PH-III/MOEF/03 dated 19.12.1014. Same is attached as Annexure 15 .
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Compliance Status of Environmental Clearance EC# F.No.10-10/2014-IA.III for Expansion of Secured Landfill (Phase-III) of Existing Integrated Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) in GIDC Industrial Estate, Ankleshwar, District Bharuch (Gujarat) by M/s BEIL Infrastructure Ltd. Dated 31.12.2015

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

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

Sr. No.	Observation/Conditions as per Environmental Clearance No. F. 10-10/2014-IA.III dated 31 st December 2015.	Status of compliance of EC Conditions
2.	The details of the project, as per the documents submitted by the project proponents (PP), and also as informed during the above EAC meetings, are reported to be as under:-	Noted
	(ii). The Project was accorded TOR vide letter No. 10-10/2014-IA-III dated 18.09.2014.	Noted
	(iii). The Project involves expansion of Secured Landfill (Phase-III) of existing Integrated	Noted

	<p>Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) in GIDC Industrial Estate, Ankleshwar of District Bharuch (Gujarat) by M/s BEIL Infrastructure Ltd. The Project is located at 21°36'55"-21°37'09" Latitude and 73°02'03"-73°02'59" longitude.</p>	
	<p>(iv). The Total site area is 69 acres, pit area 2.98 acres and closure area is 14.755 acres.</p>	<p>Noted</p>
	<p>(v). Green Belt development (20% of construction projects and 33% for others). The main objective of the green belt is to provide a barrier between the plant surrounding</p>	<p>Complied. Green belt is developed in total 41,000 sq. mt to mitigate the impacts on the overall air quality at the site. Additionally, after the closure and capping of SLF in phased manner is total 75940 Sq.mt.Thus total 41.87% (14.68% + 27.19%) of total plot area is earmarked for development of green cover. The area available after capping of SLF in phased manner is given below: 6,500 m² in Phase-I developed as garden 16000 no of Jatropha planted. 43,440 m² in Phase-II under plantation. 10,000 m² in Phase-III proposed after capping. Layout of green belt within the premises is attached as Annexure – 16.</p>

	<p>s areas. Total 2,79,233.34 sqm land area is available at site; out of this about 41,000 sqm (14.683%) area is covered as green belt and other forms of greenery.</p>																						
	<p>(vi). Water requirement will be met through GIDC water supply. Total GIDC water supply required is at 631 KL/day for industrial purpose and 26 KLD for domestic Purpose.</p>	<p>Noted and complied. The Water Requirement (610 KL/day for industrial purpose and 26 KLD for domestic purpose) is fulfilled by the GIDC water only.</p> <p>Water Consumption data as per GIDC bill:</p> <table border="1" data-bbox="584 981 1342 1529"> <thead> <tr> <th>Month</th> <th>Total Water Consumption, (KL) as per GIDC bill</th> <th>Per Day in KL</th> </tr> </thead> <tbody> <tr> <td>Oct'20</td> <td>4002</td> <td>129.1</td> </tr> <tr> <td>Nov'20</td> <td>5097</td> <td>169.9</td> </tr> <tr> <td>Dec '20</td> <td>4274</td> <td>137.8</td> </tr> <tr> <td>Jan '21</td> <td>1877</td> <td>60.54</td> </tr> <tr> <td>Feb '21</td> <td>5063</td> <td>180.8</td> </tr> <tr> <td>Mar '21</td> <td>3043</td> <td>98.1</td> </tr> </tbody> </table>	Month	Total Water Consumption, (KL) as per GIDC bill	Per Day in KL	Oct'20	4002	129.1	Nov'20	5097	169.9	Dec '20	4274	137.8	Jan '21	1877	60.54	Feb '21	5063	180.8	Mar '21	3043	98.1
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	<p>(vii). The waste water generation is limited to 396.5 KLD.</p>	<p>Noted and complied. Waste water (leachate) generation is limited to 312 KLD.</p> <p>Leachate (Wastewater) Generation data (total leachate generation including Phase I, Phase II and Phase III):</p> <table border="1" data-bbox="592 1805 1334 2011"> <thead> <tr> <th>Month</th> <th>Per Day in KL</th> <th>Total in KL</th> </tr> </thead> <tbody> <tr> <td>Oct'20</td> <td>75.65</td> <td>2345</td> </tr> <tr> <td>Nov'20</td> <td>66.37</td> <td>1991</td> </tr> </tbody> </table>	Month	Per Day in KL	Total in KL	Oct'20	75.65	2345	Nov'20	66.37	1991												
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			Dec '20	68.35	2119
			Jan '21	65.61	2034
			Feb '21	64.18	1797
			Mar '21	57.39	1779
			Total	397.55	12065
	(viii). The quantity of wastewater generated will be 80.5 KLD from various stages of the operation and most of the waste water is treated and recycled to minimize the usage of ground water. The entire waste water will be treated and reused for various activities such as vehicle tyre washing, dust suppression	Noted and complied. Waste water (Leachate) generated from the operation of Phase III is treated and recycled to minimize the usage of fresh water (Ground water is not being used) by reusing in gardening and dust suppression. For Phase III cell wise construction is going on and cell 3& 4 are in operation. Designed cell Nos are 4 for Phase III.			
	(ix). No additional power is required. Gujarat Electricity Board (GEB) will supply the	Complied. No additional power is required. In case of power failure D.G. Set is being used (2×600 kVA capacity each).			

	power. In case of power failure D.G. Set can be used (2×600 kVA capacity each).	
	(x). Investment/ Cost: The total cost of the project is Rs. 30 Crores.	Complied. The actual expenditure is Rs. 5.65 Crores for 1 st and 2 nd cell of Phase III. For Phase III cell wise construction is going on, cell 1 (part), cell 3 & 4 are in operation. Total cells in Phase III are 4.
	(xi). Public Hearing: Public Hearing is not required for Projects/activities located within the industrial estates/parks as per Office Memorandum from MoEF&CC (IA) letter no. j-11013/36/2014-ia-I DATED 10.12.2014	Not Applicable. BEIL is located within the notified industrial estate, so public hearing was not required as per Office Memorandum from MoEF& CC (IA) letter no. j-11013/36/2014-ia-I DATED 10.12.2014.
	(xii). Wildlife issues: There are no National Parks, Wildlife Sanctuary, biosphere reserves found in the 10 km buffer zone.	Not Applicable. There are no National Parks, Wildlife Sanctuary, biosphere reserves found in the 10 km buffer zone. BEIL is located within the Notified industrial estate

	(xiii).Forests Land: No Forest land is involved in the project	Not applicable. No Forest land is involved in the project. BEIL is located within the Notified industrial estate
	(xiv).There are no Court cases/violati ons pending with the project proponent.	Complied There are no Court cases/violations pending with the project proponent.
3.	The EAC, after detailed deliberation, recommended the project in its meeting held on 24 th – 26 th June, 2015 for grant of Environmental Clearance. As per the recommendations of EAC, the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance for the above mentioned project “Expansion of Secured Landfill (Phase-III) of Existing Integrated Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDf) in GIDC Industrial Estate, Ankleshwar, District Bharuch (Gujarat) by M/s	Noted

	BEIL Infrastructure Ltd.” under the provisions of the EIA Notification, 2006 and amendments thereto and circulars issued thereon and subject to the compliance of the following specific and general conditions:	
A.	<u>SPECIFIC CONDITIONS:</u>	
(i)	‘Consent to Establish’ shall be obtained from State Pollution Control Board under the Air (Prevention and control of Pollution) Act, 1981 and the Water (Prevention and Control of pollution) Act, 1974	Complied We have obtained CTE vide letter no. GPCB/CCA – BRCH – 167 (15)/ID – 14983/347176 & 347182 dtd. 02.03.2016 & CTO vide letter no. GPCB/ CCA ,ID –14983 /AWH- 89137/123296 dtd. 02.11.2017 from GPCB.
(ii)	Water from bore-wells shall not be used for the proposed activities. Existing bore-wells shall be used only for monitoring the quality of ground water.	Noted & Complied. Water is being provided by GIDC for process purpose but when there is shortage of water we use bore water to match our requirement. As per EC F. 10-10/2014-IA-III dated 31.12.15 specific condition point (X) we have received NOC No. CGWA/NOC/IND/ORIG/2021/10974 dated 10.02.21 from CGWA to utilize borewell water. We have provided monitoring wells at upstream (7 nos.) and downstream (6 nos.) of the TSDF. However, Up- Stream and Down Stream Monitoring wells have been provided and their Monitoring is done once in month by internally and through third party. An average of all the monitoring results of ground water samples in and around the site are mentioned in the table below. It may be noted that, as indicated in the results, parameters of up-streams wells are higher than the down stream wells. All the third-party reports are attached as Annexure – 1 .

3	Sulphur Dioxide	µg/m ³	80	15.2	15.54	17.74	15.2	17.74
4	Nitrogen Dioxide	µg/m ³	80	31.6	24.52	33.34	24.52	33.34
5	Ammonia (NH ₃)	µg/m ³	400	30.3	21.6	29.6	21.6	30.25
6	Lead As Pb	µg/m ³	1	0.4	0.274	0.274	0.274	0.408
7	Nickel as Ni	ng/m ³	NS	8.6	7.62	11.16	7.62	11.16
8	Arsenic as As	ng/m ³	NS	2.5	1.9575	2.27	1.9575	2.4825

Noise level (Analysis Period October'20 to March'21):

Sr. No.	Noise monitoring sampling location	Category	Results (Avg)			
			GPCB/CP CB Permissible Limit (Day) (in dB)	Day	GPCB/CP CB Permissible Limit (Night) (in dB)	Night
1	Near Main gate	Industrial	75	57.60	70	51.57
2	Near Lab	Industrial	75	52.70	70	48.33
3	Near admin	Industrial	75	52.48	70	47.77
4	Truck wash	Industrial	75	58.93	70	54.32
5	Drum	Industrial	75	58.13	70	51.40
6	Near East Side of Incinerator	Industrial	75	67.73	70	62.70
7	Near Incinerator	Industrial	75	69.53	70	64.15

(iv)	State of the art measures shall be adopted for odor control from the plant.	<p>Complied.</p> <p>Company has provided scrubber in stabilization & waste storage area to control odor. Company has also provided odor control system at incinerator plant & storage areas to mask the odor. We have also provided double stage scrubber system (wet and dry) in incinerator plant to control odor. Adequate PPEs are provided to the workers for minimizing odor effects.</p> <p>We are measuring VOC level weekly by VOC meter. VOC level is well within the limit. Results are attached as Annexure 4.</p>
(v)	The Waste lying at the existing dumping site shall be excavated and should be accumulated to designated place within the site and this accumulated waste shall be compacted and closed scientifically after reaching the design height.	<p>Complied.</p> <p>There is no dumping site. Waste received from the member industries directly go to the landfilling site.</p> <p>Existing Secured Landfill Phase 1 – after disposal of 601404.117 MT waste, was capped in March 2007. Phase 2 landfill operation started on 12th March, 2007 and after disposal of 1737344.036 MT waste its capping is going on. Phase 3 – Waste disposal till Mar’21 is 1121960.93 MT Waste excavation is not applicable. Secured Landfill are already being compacted and closed scientifically after reaching the design height.</p>
(vi)	Project Proponent shall develop green belt as committed	<p>Complied</p> <p>Green belt is developed in total 41,000 sq. mt to mitigate the impacts on the overall air quality at the site. Additionally, after the closure and capping of SLF in phased manner is total 75940 Sq.mt. Thus total 41.87% (14.68% + 27.19%) of total plot area is earmarked for development of green cover.</p> <p>The area available after capping of SLF in phased manner is given below:</p> <p>6,500 m² in Phase-I developed as garden 16000 no of Jatropha planted.</p> <p>43,440 m² in Phase-II under plantation.</p> <p>10,000 m² in Phase-III proposed after capping.</p> <p>Layout of green belt within the premises is attached as Annexure – 16.</p>
(vii)	The connectivity road to the side shall be as per IRC guidelines.	<p>Not Applicable</p> <p>This pertained to GIDC who has provided connectivity roads.</p>
(viii)	The waste is proposed to be transported through the	<p>Not Applicable</p> <p>Existing site, located inside notified industrial estate hence, waste is not being transported through village roads. Proper Road</p>

	village roads, the roads shall be properly widened or proper road for transportation shall be provided. Details shall be incorporated in the EMP.	network is available to receive waste at site from members industries.
(ix)	The gas generated from the landfill facility shall be collected and disposed as per rules	Noted & complied. Gas generated of Existing site & under operation site is being monitored. Since the waste is treated, stabilized and Disposed, there is no Gas Generation from the Secured Landfill. Gas vents have been Provided for the Existing Sites and the same Provisions will be made for the Secured Landfill Phase-III. We are monitoring the vent pipes of landfill internally and almost all readings we are getting BDL. The records are maintained in the laboratory. In case of gas generation, we have collection and disposal facility. Results are attached as Annexure 4 .
(x)	The proponent shall obtain necessary clearance from the Ground water Authority for the use of ground water.	Noted and complied We have got NOC from CGWA dated 10.02.21 for usage of borewell water and the copy of the same is attached as Annexure 20 .
(xi)	The depth of the Landfill site shall be decided based on the ground water table at the site.	Noted and Complied. The landfill is being developed as per CPCB criteria (should be >2 meters) & approved drawings before starting the construction work of cell. Depth of the water table for existing site is around 30 meters, and we have gone up to 7 meters below the surface level. Hence, fulfilling the criteria of CPCB guidelines.
s(xi i)	An On Site Emergency Management Plan shall be prepared and implemented.	Noted & Complied. BEIL has prepared on site Emergency plan and it is updated annually. Onsite emergency plan is including points like hazard identification, organization setup, communication system, action on site, link with offsite emergency plan, training rehearsals and record aspects, offsite effects of any emergency, the duties and functions to control any emergency etc. Mock drills are also being conducted. On-site Emergency Plan is submitted separately with this. The inward copy is attached as Annexure 5 .
(xiii)	All recommendation of the EMP shall be compiled with letter and Spirit. All the mitigation	Complied. We are having our EMP plan which includes points such as, temporary storage of hazardous waste, loading and unloading of the hazardous waste, transportation of hazardous waste, final disposal of hazardous waste into secured landfill site, monitoring activity for water quality, air quality, soil quality, noise, socio –

<p>measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to MoEF&CC along with half yearly compliance report to MoEF&CC-RO.</p>	<p>economic, fire safety, fire, health and safety, operation maintenance and closure of the facility, post closure facility etc. EMP Compliance is attached as Annexure 13. Summary of EMP Compliance is as below:</p>		
	Sr. No.	Condition	Compliance Status
	1.	Temporary storage for hazardous waste	Complied. Temporary storage of hazardous waste of capacity 30,000 MT for monsoon period has been provided.
	2.	Loading and unloading of waste	Complied. Adequate facility and equipment for unloading of waste has been provided.
	3.	Transpiration of waste	Complied. We have ensured that the transportation of the hazardous wastes to the TSDF confirms to the norms laid down in the hazardous waste (Management and Handling) rules 2016 and its subsequent amendments. Total Approved 358 dedicated vehicles equipped with GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF.
	4.	Monitoring activity	Complied. We have carrying out internally as well as externally monitoring of soil, ambient air, ground water, storm water, noise monitoring on regular basis.
5.	Leachate management system	Complied. Adequate nos. of leachate (6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collection well for Phase III) collection wells have been provided.	

(xiv)	<p>Environmental Monitoring program shall be implemented as per EIA-EMP report and guidelines prescribed by CPCB for Hazardous waste facilities. Periodical ground water/soil monitoring to check the contamination in and around the site be carried out.</p>	<p>Complied. Environmental Monitoring program is implemented as per EIA-EMP report and guidelines prescribed by CPCB for Hazardous waste facilities. Periodical ground water/soil monitoring to check any contamination in and around the site is being carried out for Phase III also. Results are attached as Annexure1 and Annexure 7.</p> <p>Ground water Analysis Period (October'20 to March'21):</p> <table border="1" data-bbox="539 521 1385 1308"> <thead> <tr> <th>Sr. no</th> <th>Parameters</th> <th>Unit</th> <th>Permissible limits</th> <th>Average of outside the premises</th> <th>Average of upstream borewell</th> <th>Average of downstream borewell</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Colour</td> <td>Hazen</td> <td>15</td> <td>5.0</td> <td>9.1</td> <td>7.1</td> </tr> <tr> <td>2</td> <td>pH</td> <td>-</td> <td>No relaxation</td> <td>7.7</td> <td>7.2</td> <td>7.3</td> </tr> <tr> <td>3</td> <td>Electric Conductivity</td> <td>mmhos/cm</td> <td>-</td> <td>2541.3</td> <td>5856.4</td> <td>3301.7</td> </tr> <tr> <td>4</td> <td>Turbidity</td> <td>NTU</td> <td>5</td> <td>0.8</td> <td>2.5</td> <td>0.8</td> </tr> <tr> <td>5</td> <td>TSS</td> <td>mg/lit</td> <td>-</td> <td>3.7</td> <td>7.8</td> <td>6.7</td> </tr> <tr> <td>6</td> <td>TDS</td> <td>mg/lit</td> <td>2000</td> <td>1561.2</td> <td>3773.6</td> <td>2024.1</td> </tr> <tr> <td>7</td> <td>TOC</td> <td>mg/lit</td> <td>-</td> <td>4.2</td> <td>10.9</td> <td>6.3</td> </tr> <tr> <td>8</td> <td>COD</td> <td>mg/lit</td> <td>-</td> <td>18.5</td> <td>55.1</td> <td>29.4</td> </tr> <tr> <td>9</td> <td>Chloride</td> <td>mg/lit</td> <td>1000</td> <td>437.7</td> <td>1439.0</td> <td>601.0</td> </tr> </tbody> </table> <p>Soil Monitoring: The actual result and its avg sheet is attached as Annexure – 7.</p>	Sr. no	Parameters	Unit	Permissible limits	Average of outside the premises	Average of upstream borewell	Average of downstream borewell	1	Colour	Hazen	15	5.0	9.1	7.1	2	pH	-	No relaxation	7.7	7.2	7.3	3	Electric Conductivity	mmhos/cm	-	2541.3	5856.4	3301.7	4	Turbidity	NTU	5	0.8	2.5	0.8	5	TSS	mg/lit	-	3.7	7.8	6.7	6	TDS	mg/lit	2000	1561.2	3773.6	2024.1	7	TOC	mg/lit	-	4.2	10.9	6.3	8	COD	mg/lit	-	18.5	55.1	29.4	9	Chloride	mg/lit	1000	437.7	1439.0	601.0
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(xv)	<p>The Leachate from the facility shall be collected and treated to meet the prescribed standards before disposal.</p>	<p>Complied. A well-designed leachate collection system is developed. There is provision of 6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collection well for Phase III. Leachate is collected and either treated at the Multiple Effect Evaporation Plant in the premises or sent to CETP (M/S Enviro Technology Limited) for treatment and disposal. For the period October'20 to March'21 : 11555 KL leachate treated in MEE plant & 510 KL leachate sent to ETL for further treatment & disposal. The leachate treatment data is submitted to GPCB along with monthly report and quarterly Protocol.</p>																																																																						
(xvi)	<p>Rain water runoff from the landfill area and other</p>	<p>Complied. Separate provision for storm water runoff has been provided surrounding the landfill and other areas, which leads to GIDC</p>																																																																						

	hazardous waste management area shall be collected and treated in the effluent treatment plant	drainage. Storm water is discharged in GIDC drainage line only once its analysis is carried out and results are found satisfactory. If results are not found satisfactory then the rain water runoff from storm water drain is collected and treated in MEE/ETL as per our CCA.									
(xvi i)	The responses/ commitments made to the issues raised during public hearing shall be complied with in letter and spirit. A Hard copy of the actions taken shall be submitted to the Ministry.	Not Applicable Existing site is located in notified industrial area. Public Hearing is Not Applicable as per MoEF memorandum No. J-11013/36/2014-IA-I Dated 10 th December, 2014.									
(xvi ii)	The proponent shall abide by all the commitments and recommendations made in the EIA/EMP report so also during their presentation to the EAC.	Complied. We are having our EMP plan which includes points such as, temporary storage of hazardous waste, loading and unloading of the hazardous waste, transportation of hazardous waste, final disposal of hazardous waste into secured landfill site, monitoring activity for water quality, air quality, soil quality, noise, socio – economic, fire safety, fire, health and safety, operation maintenance and closure of the facility, post closure facility etc. EMP Compliance is attached as Annexure 13 . Summary of EMP Compliance is as below: <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Condition</th> <th>Compliance Status</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Temporary storage for hazardous waste</td> <td>Complied. Temporary storage of hazardous waste of capacity 30 MT for monsoon period has been provided.</td> </tr> <tr> <td>2.</td> <td>Loading and unloading of waste</td> <td>Complied. Adequate facility and equipment for unloading of waste has been provided.</td> </tr> </tbody> </table>	Sr. No.	Condition	Compliance Status	1.	Temporary storage for hazardous waste	Complied. Temporary storage of hazardous waste of capacity 30 MT for monsoon period has been provided.	2.	Loading and unloading of waste	Complied. Adequate facility and equipment for unloading of waste has been provided.
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		3.	Transportation of waste	Complied. We have ensured that the transportation of the hazardous wastes to the TSDF confirms to the norms laid down in the hazardous waste (Management and Handling) rules 2016 and its subsequent amendments. Total Approved 358 dedicated vehicles equipped with GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF.
		4.	Monitoring activity	Complied. We hare carrying out internally as well as externally monitoring of soil, ambient air, ground water, storm water and noise monitoring on regular basis.
		5.	Leachate management system	Complied. Adequate nos. of leachate collection wells (6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collection well for Phase III) have been provided.
B.	<u>GENERAL CONDITIONS:</u>			
(i)	The project proponent should set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.		Complied. Company have separate Environmental Management cell. General Manager, manager – Environment, Environmental lab head, are directly reporting to Chief executive officer and Director. Details of the persons engaged in the Environment cell are as below: 1. Mr. Manoj Patel: General Manager – Civil (BE Civil) 2. Ms. Rakshita Vyas – Manager- Env. (PGD-Environment) 3. Adwitiya Bhattacharya: Environment Engineer (BE Env) 4. Bhoomi Tambda: Environment Engineer (BE Environment) 5. Mr. Satish Gaddam: Head, Environment Laboratory	

(ii)	The Project proponent should extend full support to the officers of this Ministry/regional Office during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect to mitigation measures and other environmental protection activities.	Complied. Full support is extended to the officers of the Ministry/regional Office during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect to mitigation measures and other environmental protection activities.
(iii)	The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under	Noted.
(iv)	In the event of a change in the implementation agency, a fresh clearance shall be obtained from the Ministry of Environment, forest and Climate Change.	Noted.

(v)	A copy of the clearance letter will be marked to concerned Panchayat/local NGO, if any, from whom any suggestions/representations has been made received while processing the proposal.	Complied. Letter dated 09.01.2016 sent to the GPCB Regional Office, District Industries center and Collector's Office. The same is attached as Annexure 11 .									
(vi)	The environmental safeguard contained in the EIA Report should be implemented in letter and spirit.	<p>Complied.</p> <p>We are having our EMP plan which includes points such as, temporary storage of hazardous waste, loading and unloading of the hazardous waste, transportation of hazardous waste, final disposal of hazardous waste into secured landfill site, monitoring activity for water quality, air quality, soil quality, noise, socio – economic, fire safety, fire, health and safety, operation maintenance and closure of the facility, post closure facility etc. EMP Compliance is attached as Annexure 13.</p> <p>Summary of EMP Compliance is as below:</p> <table border="1" data-bbox="539 1037 1321 1476"> <thead> <tr> <th data-bbox="539 1037 619 1149">Sr. No.</th> <th data-bbox="619 1037 882 1149">Condition</th> <th data-bbox="882 1037 1321 1149">Compliance Status</th> </tr> </thead> <tbody> <tr> <td data-bbox="539 1149 619 1328">1.</td> <td data-bbox="619 1149 882 1328">Temporary storage for hazardous waste</td> <td data-bbox="882 1149 1321 1328">Complied. Temporary storage of hazardous waste of capacity 30 MT for monsoon period has been provided.</td> </tr> <tr> <td data-bbox="539 1328 619 1476">2.</td> <td data-bbox="619 1328 882 1476">Loading and unloading of waste</td> <td data-bbox="882 1328 1321 1476">Complied. Adequate facility and equipment for unloading of waste has been provided.</td> </tr> </tbody> </table>	Sr. No.	Condition	Compliance Status	1.	Temporary storage for hazardous waste	Complied. Temporary storage of hazardous waste of capacity 30 MT for monsoon period has been provided.	2.	Loading and unloading of waste	Complied. Adequate facility and equipment for unloading of waste has been provided.
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		5.	Leachate management system	Complied. Adequate nos. of leachate (6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collection well for Phase III)collection wells have been provided.
(vii)	A copy of the environmental clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industries center and Collector's	Complied. Letter dated 09.01.2016 sent to the GPCB Regional Office, District Industries center and Collector's Office. The same is attached as Annexure 11 .		

	Office/Tehsildar's Office for 30 days.	
(viii)	The funds earmarked for environmental protection measures shall be kept in separate account and shall be reported to this Ministry and its concerned Regional Office	Complied. A separate account(Escrow account) is maintained for environment protection and the cumulative amount is Rs. 1,488.47 Lakhs till March'21. These funds are not diverted for any other activity
5.	The above stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974 the Air (Prevention and Control of pollution) Act, 1981, the Environment (Protection) Act, 1986, The Public Liability (Insurance) Act, 1991 and Municipal Solid Wastes (Management and Handling Rules, 2000 including the amendments and rules made thereafter.	Complied. We have obtained CTE vide letter no. GPCB/ CCA – BRCH – 167 (16)/ID – 14983/ 361331 dtd. 01.07.2017 to add capacity of Landfill as Phase # 3 at existing site& is in operation. GPCB under the provisions of Water (Prevention and Control of Pollution) Act, 1974 the Air (Prevention and Control of pollution) Act, 1981, the Environment (Protection) Act, 1986. We are having PLI policy which is renewed yearly under the Public Liability (Insurance) Act, 1991.
6.	All other statutory clearances such as the approvals for storage of diesel	Complied. Existing site is in notified GIDC area and already have applicable clearance/permissions from respective authority. Permission of Fire Department, Civil Aviation Department, Forest Conservation

	<p>from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.</p>	<p>Act, 1980 and Wildlife (Protection) Act, 1972 etc. is not required as our existing site is already in notified GIDC area.</p>
7.	<p>The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental clearance and copies of clearance letters are available with the State Pollution Control Board and Man also be seen on the website of the Ministry of Environment, forest & Climate Change at http://www.envfor.nic.in. The advertisement should be made within seven days from the date of</p>	<p>Complied. Advertisement Published in Times of India (English Language) and Divya Bhaskar (Gujarati Language). The Same has been informed to MoEF Regional Office Bhopal, MoEF New Delhi, CPCB Regional Office Vadodara and, GPCP Gandhinagar and GPCB regional Office Ankleshwar vide Letter # BEIL/ANK/EC/PH3 Dated 04.01.2016.</p> <p>Advertisement copies are attached as Annexure 12.</p>

	<p>receipt of The Clearance Letter and a copy of the same Should be forwarded to the Regional Office of this Ministry at Bhopal.</p>	
8.	<p>This Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project.</p>	<p>Not Applicable as it is located inside notified industrial estate.</p>
9.	<p>Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green tribunal Act, 2010</p>	<p>Not applicable</p>
10.	<p>Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the</p>	<p>Complied. The EC Compliance has been uploaded on the Company Website.</p>

	project proponent in its website.	
11.	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/ Municipal Corporation, Urban Local Body and the local NGO, if any from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Complied. We had marked the copy of the clearance letter to all the concerned dated 09.01.2016 and recorded. Same is attached as Annexure 11 . The Clearance Letter has been uploaded on the Company Website.
12.	The proponent shall upload the status of the compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Complied. The EC Compliance has been uploaded on the Company Website.
13.	The Project proponent shall	Complied.

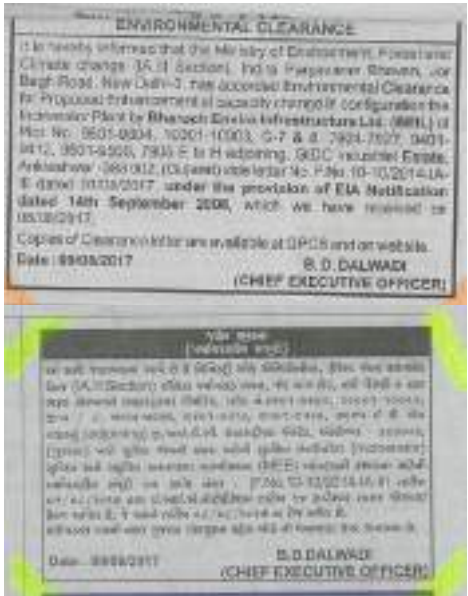
	<p>also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in Hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.</p>	<p>We are submitting regularly six monthly report for all ECs conditions to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. Last six monthly EC compliance report for the period of Apr'20 – Sep'20 dated 17.12.2020 was submitted on 30.12.2021.</p>
14.	<p>The environmental statement for each financial year ending 31st March in Form – V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective regional Office of MoEF&CC by e-mail.</p>	<p>Complied. We are submitting Form –V (Environmental Statement) every financial year and it is displaying on website. Last Form – V (period 2019 - 20) submitted is attached as Annexure 14</p>
15.	<p>This issues with the prior approval of the Competent Authority.</p>	<p>Noted.</p>

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

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

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

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

Condition No.	Observation/Conditions as per Environmental Clearance No. F. 10-10/2014-IA.III dated 1st August 2017	Status of compliance of EC Conditions
6	The project proponent should advertise at least in two local newspapers widely circulated in the region around the project one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Gujarat State Pollution Control Board and may also be seen at website of the ministry of environment & forests at http://www.envfor.nic.in . The advertisement should be made within seven days from the date of receipt of the clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bhopal.	Complied. We have given advertisement in papers SANDESH & THE TIMES OF INDIA dated 09.08.2017. 
10	A copy of the clearance letter shall be sent by the proponent to concerned panchayat, Zilla Parisad, Municipal Corporation,	Complied. We had marked the copy of the clearance letter to all the concerned

	<p>Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.</p>	<p>dated 12.08.2017 and recorded. Same has also uploaded on our company website www.tatvaglobal.com. The same is attached as Annexure 17.</p>
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Compliance Status of Environmental Clearance EC# F. No. 10-10/2014-IA-111 for Enhancement of capacity of Existing phase III Landfill Facility at Common Hazardous Waste Treatment, Storage and Disposal Facilities (TSDF) at plot No. 9601-9604, 10001-10003, G-7 & 8, 7924-7927, 9401-9412, 9501-9506, 7905 E to H adjoining Gujarat Industrial Development Corporation(GIDC) Industrial Estate, Ankleshwar, District Bharuch (Gujarat) by M/s BEIL Infrastructure Ltd. Dated 16.04.18

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

2. The proposal for grant of Environmental clearance to the project “Enhancement of capacity of Existing phase III Landfill Facility at Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) at plot No. 9601-9604, 10001-10003, G-7 & 8, 7924-7927, 9401-9412, 9501-9506, 7905 E to H adjoining Gujarat Industrial Development Corporation(GIDC) Industrial Estate, Ankleshwar, District Bharuch (Gujarat) by M/s BEIL Infrastructure Limited was considered by the Expert Appraisal Committee(infra-2) in its 24th meeting held on 30-31 October, 2017.
3. The details of the project as per the documents submitted by the project proponent, and also as informed during the above said meeting are under:-

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

	Lakhs MT of solid/hazardous wastes has been disposed. The remaining capacity of 2 Lakhs MT is equivalent to approximately 1 years land filling at the current rate. BEIL, during its 18 years of operation, have collected and disposed of approximately 22 Lakhs MT of hazardous wastes in the secured landfill (SLF). Phase III of secured landfill (SLF) have been designed by IIT Delhi and is in under construction phase having the capacity of 11.58 Lakhs MT (assuming a density 1.5 Mg/m ³).	
(v)	Common Incineration System for treating organic waste was setup in 2004 with thermal capacity of 6.5 million kcal/hour. BEIL have setup second incinerator in 2012 and in this system, waste heat is also recovered. The steam generated is used in the Multiple Effect Evaporation System (MEE). Solid Liquid/ other types of wastes are being treated in the Common Incineration system and so far, approximately 1.53 Lakhs MT waste has been incinerated.	Noted.
(vi)	The present proposal is an expansion project to utilize the area of Phase III to enhance the existing capacity of secured landfill(SLF) (Phase III) from 11.58 Lakhs MT to 14.58 Lakhs MT Integrated Common Hazardous Waste Treatment, Storage and Disposal Facility (CHWTSDF). Phase III Pit Area = 2.98 Acre (12084 sqm) Phase III Closure Area = 14.755 Acre (59731 sqm) & capital cost involve in installation of the project is 30 Lakhs.	Noted.
(vii)	GIDC Water permission for 610 KLD including domestic water consumption. No additional power is required.	Noted.
(viii)	Supply source: Gujarat Electricity Board (GEB). In case of power failure, D.G. Set can be used (2 nos 975 KVA capacity each)	Noted.
(ix)	Project falls under Category "A" as it is an existing Integrated Common hazardous waste treatment, storage and disposal facilities (TSDFs).	Noted.
(x)	Leachate / Effluent from landfill will be treated in our Multiple Effect Evaporator (MEE) plant. Whenever MEE is not in operation, leachate will be sent to CETP of Enviro Technology Limited at Ankleshwar.	Noted.
(xi)	Total 2,79,233.34 sqm land area is available at site; out of this area about 50514.29 sqm area is covered as greenbelt and other forms of greenery. Total Rs.10 Lakhs shall be spent for green development within premises.	Complied Green belt is developed in total 41,000 sq. mt to mitigate the impacts on the overall air quality at the site. Additionally, after the closure and capping of SLF in phased manner is total

		<p>75940 Sq.mt. gThus total 41.87% (14.68% + 27.19%) of total plot area is earmarked for development of green cover. The area available after capping of SLF in phased manner is given below: 6,500 m² in Phase-I developed as garden 16000 no of Jatropha planted. 43,440 m² in Phase-II under plantation. 10,000 m² in Phase-III proposed after capping. Layout of green belt within the premises is attached as Annexure – 16.</p>
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4. The EAC, in its meeting held on 30-31 October, 2017 recommended to the amendment so as to include only the additional quantity of solid wastes handled without any other changes in the conditions of E.C. issued earlier. Based on the recommendations of EAC, the Ministry hereby accord the amendment to the EC letter F. No. 10-10/2014-IA-III dated 31.12.2015 for enhancement of capacity from 11.58 Lakhs MT to 14.58 Lakhs MT within the same disposal facility (CHWTSDf) and stipulated following additional condition:

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

5. All the other conditions contained in the MoEF&CC letter F. No. 10-10/2014-IA-III dated 31.12.2015 remains the same.

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

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

Compliance Status of Environmental Clearance EC# F. No. 10-25/2019-IA-111 for Expansion of Secured Landfill (Phase IV) of Integrated Common Hazardous Waste Treatment, Storage and Disposal Facilities (TSDF) at plot No. 9701 - 9716 GIDC Ankleshwar, proposed by M/s Bharuch Enviro Infrastructure Infrastructure Ltd. Dated 15.10.20

Environmental Clearance No. F. 10-25/2019-IA-111 dated 15th October 2020.

7. The Environmental Clearance is granted to M/s. Bharuch Enviro Infrastructure Limited for expansion; namely, to develop additional capacity (13,40,000 MT) of secured landfill (Phase IV) of Integrated Common Hazardous Waste Treatment, Storage and Disposal Facility(TSDF) in the space of 8,90,000 m³ at plot number 9701-9716,GIDC Ankleshwar.

This EC # F. 10-25/2019-IA-111 dated 15th October 2020, is for enhancement of capacity of existing landfill phase-3. CCA (CTO) application has been done at GPCB and project will be implemented soon after. We shall comply with the conditions stipulated once the EC is implemented.

Condition No.	Observation/Conditions as per Environmental Clearance No. F. 10-25/2019-IA-111 dated 15th October 2020	Status of compliance of EC Conditions
IX	Miscellaneous:	
1.	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	Complied. Advertisement Published in Times of India (English Language) and Divya Bhaskar (Gujarati Language). The Same has been informed to MoEF Regional Office Bhopal, GPCP Gandhinagar and GPCB regional Office Ankleshwar vide Letter # BEIL/ANK/2020-21/47 Dated 19.11.20 and the same as attached as Annexure – 18 .
2.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Complied. We had marked the copy of the clearance letter to all the concerned authorities. Same is attached as Annexure – 19 .

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

Annexure 00

Compliance of CPCB Criteria for Hazardous waste landfill

Sr. No.	Conditions	Status
1.	<p>Location Criteria:</p> <ul style="list-style-type: none"> - Lake or Pond : 200 Mtrs - River : 100 Mtrs - Flood plain : 100 years - Highway : 500 Mtrs - Habitation : 500 Mtrs - Public Parks : 500 Mtrs - Critical habitat Area : No landfill - 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 	<p>Complied</p> <p>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), Kondhki Khadi. Nearest village is at about 1.2 KM (ENE), Jitali. Nearest airport is at about 63 Km (SW), Surat. Nearest highway is at about 5 Km (W), national highway No.8.</p>
2.	<p>Planning And Design criteria:</p>	Complied
	<p>1. Essential Components:</p> <ul style="list-style-type: none"> - Liner System at base and sides of landfill - A leachate collection and treatment facility - Gas collection and treatment facility - Final cover system at top - Surface water drainage system - Environmental monitoring system - Closure and post closure plan 	<p>Appropriate base and side liners has been provided according to the criteria. Leachate collection wells (6 for Phase I, 7 for Phase II and 1 for Phase III) has been provided for collecting leachate which further send to MEE or M/S ETL for treatment. Adequate nos. of vents has been provided for gas collection and monitoring. Phase I is completed, so final vegetation coverage has been done and closure of Phase II is going on. Phase-III is in use Currently in Operation (waste dump in temporary shed from 10th June). Surface water drainage system is provided.</p>
	<p>2. Phased Operation:</p> <ul style="list-style-type: none"> - During the monsoon months the waste may stockpiled in a temporary holding areas 	<p>Complied.</p> <p>Landfill site operation is being suspended during the 4</p>

	(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.	months of monsoon. We have separate storage shed of capacity 30,000 MT. which is also having same side and base lines system provided with roof. Landfill which is in operation is covered with tarpaulin during these period.
	<p>3. Liner system:</p> <ul style="list-style-type: none"> - Leachate control within a landfill involves the following steps: (a) prevention of migration of leachate from landfill sides and landfill base to the subsoil by suitable liner system; and (b) drainage of leachate collected at the base of a landfill to the side of the landfill and removal of the leachate from within the landfill. 	<p>Complied</p> <p>A proper base and side liners has been provided according to the criteria. Drainage system is also provided to avoid infiltration of surface water.</p>
	<p>4. Leachate Management:</p> <ul style="list-style-type: none"> - Offsite Treatment - Onsite Treatment - Recirculation 	<p>Complied</p> <p>Leachate collection wells wells (6 for Phase I, 7 for Phase II and 1 for Phase III)has been provided and collected leachate is treated onsite in MEE or sent to ETL for offsite treatment. Leachate is recirculated accelerating process of landfill stabilization.</p>
	<p>5. Gaseous Emission Management:</p> <ul style="list-style-type: none"> - Controlled passive venting - Controlled collection and treatment 	<p>Complied</p> <p>Adequate nos. of vents has been provided to collect and monitor generation of gas. Results of VOC monitoring is attached.</p>
	<p>6. Final Cover System</p>	<p>Complied</p> <p>Phase I has been closed and covered with vegetation layer with enhanced surface drainage system. Closure of Phase II has been going on. Final coverage system is according to Guidelines. Phase-III is in use Currently in Operation (waste dump in temporary shed from 10th June).</p>
	<p>7. Site Infrastructure:</p> <ul style="list-style-type: none"> - Site Entrance and Fencing. - Administrative and Site Control Offices - Access Roads - Waste Inspection and Sampling Facility. - Equipment Workshops and Garages. - Signs and Directions 	<p>Complied</p> <p>All the facilities like site entrance and fencing, administration, site control offices, access roads, waste inspection, sampling facility, water supply, lightings,</p>

	<ul style="list-style-type: none"> - Water Supply - Lighting - Vehicle Cleaning Facility - Fire Fighting Equipment 	vehicle cleaning facility, firefighting equipment, signs and directions etc. have been provided.
	8. Environment Monitoring System:	Complied Regular monitoring of leachate quality, air quality, and noise is being carried out. Monitoring of ground water, leachate, VOC generation, ambient air monitoring, noise monitoring has been conducted on regular basis. All the analysis reports are attached.
	9. Closure and post closure maintenance plan:	Complied Phase I has been closed and covered with vegetation layer with enhanced surface drainage system. Closure of Phase II has been going on. Final coverage system is according to Guidelines. Phase-III is in use Currently in Operation (waste dump in temporary shed from 10 th June).
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.	<p>Construction and operational Criteria:</p> <ul style="list-style-type: none"> - Site Development - Phase development - Phase operation - Phase closure - Landfill closure - Post closure vegetative stabilization 	Complied Proper facilities for site development like record keeping for site manual, site reports, vehicle inspection is provided.
5.	<p>Inspection, Monitoring and record keeping criteria:</p> <ul style="list-style-type: none"> - During construction of liners and covers - During operation - During closure and post closure period - Environmental Monitoring System 	Complied Regular inspections of liners, and covers was being conducted during construction phase of landfill. Adequate environmental monitoring system has been provided.
6.	Financial Assurance Criteria	Complied We have prepared detailed financial estimates for construction, operation, and

		closure and post closure activity of the landfill.
7.	Contingency Plan for Emergency	Complied We are having onsite emergency plan, which is updated on yearly basis and submitted to GPCB, RO.

BEIL Infrastructure Limited

Compliance Status for Consent To Establish (NOC) No GPCB/CE/BRCH/NOC-

3354[CCA-167(5)/14483 DATED 22nd May, 2007

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

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

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

SUBJECT TO THE FOLLOWING SPECIFIC CONDITIONS:

(If ECC as per 14.9.2006 Notification is applicable only)

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

CONDITIONS UNDER WATER ACT. 1974.

1	Waste water generated from Quencher (evaporative cooler) & wet scrubber of incinerator shall not exceed 67 m ³ /day (existing 30m ³ /day from proposed incinerator) which shall be sent to CETP of M/s ETL Ankleshwar for treatment OR it will be treated in a proposed evaporation system at site and generated salt shell be proposed at land filling site at BEIL.	Complied. Waste water generated from Quencher (evaporative cooler) & wet scrubber of incinerator is not exceeding than consent limit. Which is being sent to CETP of M/s ETL Ankleshwar for treatment OR is being treated in an
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		evaporation system at site and generated salt is being dumped at BEIL.
2	The quantity of the domestic waste water (sewage) shall be nil.	Complied. The quantity of the domestic waste water is nil.
3	The applicant shall operate the incinerator at a temperature at $1100\text{ }^{\circ}\text{C} \pm 100^{\circ}$ with gas residence time of 2 (two) seconds at the post combustion chamber when the chlorine content is less than 1% when the chlorine content is more than 2% the temperature maintained will be $1200\text{ }^{\circ}\text{C} \pm 100\text{ }^{\circ}\text{C}$.	Complied. We are operating the incinerator at a temperature at $1100^{\circ}\text{C} \pm 100^{\circ}$ with gas residence time of 2 seconds at the post combustion chamber when the chlorine content is less than 1%, when the chlorine content is more than 2% the temperature is maintained at $1200\text{ }^{\circ}\text{C} \pm 100\text{ }^{\circ}\text{C}$.
4	The applicant shall be required to make storage facilities to store the effluent for at least 48 hours by providing acid proof brick lined impervious tanks/HDPE tanks.	Complied We have made storage facilities to store the effluent for at least 48 hours by providing acid proof brick lined impervious tanks/HDPE tanks.

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

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

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

12	The applicant shall keep accurate records of quantity of production of each product. Quantity of water consumption, quantity of effluent generated and consumption or electricity on day to day basis and required to submit the complied record of one month to GPCB & ETL on or before fifth day of the succeeding month.	Complied for Existing Incinerator Noted For New Incinerator
13	In case of shut-down of plant for more than three days for any reason, the ETL unit member shall intimate to ETL authority & GPCB well in advance for the better operation & management of CETP.	Noted
14	The applicant shall either stop or curtail its production activities if the effluent is not adequately treated by the CETP of ETL to conform to the standards specified by GPCB.	Noted
15	The authorized representative of ETL shall have right of entry at any time for the purpose of inspection and monitoring the effluent collection facilities ETL (if required) of the applicant.	Noted
16	In case of incinerators, the flow measuring devices for mother liquor/toxic effluent / non biodegradable effluent, light diesel oil, Furnace oil, etc i.e. fuel used for combustion, air used for combustion shall be separately provided. Incinerator temperature recording devices as well as gaseous flow measuring devices for scrubber shall be provided. These data of temperature & flow should be recorded every day & submitted to GPCB & ETL on monthly basis.	Complied.
17	THE GIDC DRAINAGE CONNECTION GIVEN BY THE GIDC FOR DISCHARGE OF INDUSTRIAL EFFLUENT SHALL BE DISCONNECTED	Complied

	& THE OUTLET SHALL BE SEALED.	
18	If the ETL authority terminates the membership of CETP, the ETL member unit shall have to close down the manufacturing activities. Industrial operation of the process plant immediately unit the ETL membership is resumed.	Noted

CONDITIONS UNDER AIR ACT 1981:

19	The following shall be used as fuel in the boiler/incinerator as following rates	
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Sr. No.	Name of Fuel	Quantity	
1	Natural Gas	14000 to 16000 Nm ³ /day	Noted
2	Diesel in D.G. set of 1000 KVA Capacity	225 Ltr/Hr	Noted

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

Stack No.	Stack attached	Stack height in Meter	Parameter	Permissible Limit
1	D.G. Set	11	Particulate matter SO ₂ NO ₂	150 mg/NM ³ 100 ppm 50 ppm

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

Stack No.	Stack attached	Stack height in Meter	Air Pollution Control system	Parameter	Permissible Limit
1	Common Incinerator	45	Quencher, Caustic Scrubber bag Filter	Particulate Matter SO ₂ NO _x HCL Chlorine Ammonia H ₂ S Mercaptan	50 mg/NM ³ 200 mg/NM ³ 400 mg/NM ³ 50 mg/NM ³ 9 mg/NM ³ 175 g/NM ³ 45 mg/NM ³ 0.8 by volume
				CO Hydrocarbon Dioxins Furans TOC HF Cd + Th (& its Compound) Hg (& its – 0.05 Mg/NM ³) Syo + As + Pb + Cr + Co + Cu + Mn + Ni + V (& their compounds)	100 mg/NM ³ 15 mg/ NM ³ 0.1ng/TEQ/NM ³ ₃ 0.1ng/TEQ/NM ³ ₃ 20 mg / NM ³ 4 mg / NM ³ 0.06 mg / NM ³ 0.5 mg / NM ³

25	Stack monitoring facilities like port hole platform/ladder etc shall be provided with stacks/vents chimney in order to facilities sampling of gases being emitted into the atmosphere.	Complied
26	Ambient air quality within the premises of the industry shall conform to the following standards.	Complied
<u>PARAMETERS</u>		<u>PERMISSIBLE LIMIT</u>
Suspended Particulate Matter		500 Microgram/M ³
RSPM		150 Microgram/M ³
SO ₂		120 Microgram/M ³
NO _x		120 Microgram/M ³
HCL		200 Microgram/M ³
CL ₂		100 Microgram/M ³
Ammonia		850 Microgram/M ³
Hydrocarbon		160 Microgram/M ³
H ₂ S		500 Microgram/M ³
HF		60 Microgram/M ³
CO		5000 Microgram/M ³
CS ₂		2000 Microgram/M ³
27	All measures for the control of environmental pollution shall be provided before commencing production.	Complied
28	The Fly ash generated from incinerator will be collected & disposed off in TSDF of BEIL	Complied

All parameters are well within limit.

CONDITIONS UNDER HAZARDOUS WASTE:

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

GENERAL CONDITION:

33	If will keep necessary record of incineration of waste (quantity & quality / category wise)	Complied.
34	Floor washing, if any should be replaced by mopping with saw dust which should finally be incinerated.	Complied.
35	Proper operation and maintenance of the pollution control measures provided is essential, hence the industry should strain the personnel for operation and maintenance of pollution control system.	Complied.
36	The house keeping which is very important in overall environmental management hence the industry is required to provide pucca flooring within the plant and proper tank for collection of waste water if any & same shall be incinerate.	Complied.
37	The industry is required to monitor ground water quality in and around the plant premises to check its contamination through leachate due to improper handling of solid waste.	Complied.
38	Adequate plantation shall be carried out all along the periphery of the	Complied.

	industrial premises in such a way that the density of plantation is at least 1000 trees per acre of land and a green belt of 10 meters width is developed.	
39	The applicant shall have to submit the returns in prescribed form regarding water consumption and shall have to make payment of water cess to the Board under the waste cess Act. 1977.	Complied.
40	In case of change of ownership/management the name and address of the new owners/partners/directors/proprietor should immediately be intimated to the Board.	Noted.
41	The applicant shall however not without the prior consent of the board bring into use any new or altered outlet for the discharge of effluent or gaseous emission or sewage waste from the proposed industrial plant. The applicant is required to make applications to this board for this purpose in the prescribed forms under the provisions of the water Act-1974, the air Act-1981 and the environment (Protection) Act – 1986.	Noted.
42	The applicant also comply with the general conditions as per annexure –I attached herewith (No.1 to 38) (whichever applicable)	Noted and complied.
43	The concentration of noise in ambient air within the premises of industrial unit shall not exceed following levels. Between 6A.M. and 10 P.M.: 75dB (A) Between 10 P.M. and 6 A.M.: 70dB (A)	Complied.

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0239 Issue Date : 12/10/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : HB - 1 UP Stream

Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 02/10/2020	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 03/10/2020	Lab ID.	: BL/2010/01
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 03/10/2020	Date of Completion of Test	: 10/10/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.15	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	5.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	5227	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.72	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	9.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	3418	IS 3025 (Part-16) 2017
7	TOC	mg/L	3.1	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	38	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1403	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	401	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	1.76	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1290	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	168	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.32	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.075	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.062	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.24	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
Macky Suraliwala
Sr. Scientist

Arun
Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.



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Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0240 Issue Date : 12/10/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **HB - 1 UP Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.73	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	228	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	163	IS 3025 (Part – 46) 2019 EDTA Method
29	Sodium as Na	mg/L	375	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	8.4	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	12.3	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : TSS : <2 mg/L, Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ca : <1 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0241 Issue Date : 12/10/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : HB-2 Down Stream

Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 02/10/2020	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 03/10/2020	Lab ID.	: BL/2010/02
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 03/10/2020	Date of Completion of Test	: 10/10/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.3	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	5.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	2706	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.8	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	7.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	1594	IS 3025 (Part-16) 2017
7	TOC	mg/L	4.6	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	20.0	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	468	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	512	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	1.9	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	424	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	170	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.9	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.1	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.1	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.1	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
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Sr. Scientist

Arun
Dr. Arun Bajpai
Lab Manager (Q)

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Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0242 Issue Date : 12/10/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **HB-2 Down Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.7	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	89.6	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	58.6	IS 3025 (Part – 46) 2019 EDTA Method
29	Sodium as Na	mg/L	437	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	8.2	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	4.3	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ca : <1 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Mack

Macky Suraliwala
Sr. Scientist

Arun

Dr. Arun Bajpai
Lab Manager (Q)

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QF/7.8/37-WT

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M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0243 Issue Date : 12/10/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : EB-3 Down Stream

Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 02/10/2020	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 03/10/2020	Lab ID.	: BL/2010/03
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 03/10/2020	Date of Completion of Test	: 10/10/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.05	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	4479	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.63	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	13	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	2846	IS 3025 (Part-16) 2017
7	TOC	mg/L	5.0	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	26	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	937	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	470	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.24	IS :3025 (Part-34) :1988 Clause 2.3
12	Chlorides as Cl	mg/L	1028	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	256	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.53	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.07	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.089	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.064	APHA (23 rd Edition 2017) 3111 B

Continue...

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Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0244 Issue Date : 12/10/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **EB-3 Down Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.74	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	172	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	109	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	356	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	7.1	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	4.8	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	0.93	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ca : <1 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager (Q)

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Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0245 Issue Date : 12/10/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: EB-4 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 02/10/2020	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 03/10/2020	Lab ID.	: BL/2010/04
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 03/10/2020	Date of Completion of Test	: 10/10/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.03	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	6552	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.59	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	4	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	3898	IS 3025 (Part-16) 2017
7	TOC	mg/L	5	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	26	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	1970	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	358	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.46	IS :3025 (Part-34) :1988 Clause 2.3
12	Chlorides as Cl	mg/L	1574	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	258	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	2.16	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.056	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.13	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.067	APHA (23 rd Edition 2017) 3111 B

Continue...

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Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0246 Issue Date : 12/10/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **EB-4 Up Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.67	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	432	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	262	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	253	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	9.4	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	5.8	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	0.96	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : TSS : <2 mg/L, Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ca : <1 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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TEST REPORT

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Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0247 Issue Date : 12/10/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: HB-4 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 02/10/2020	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 03/10/2020	Lab ID.	: BL/2010/05
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 03/10/2020	Date of Completion of Test	: 10/10/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.23	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	8	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	2845	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.46	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	1586	IS 3025 (Part-16) 2017
7	TOC	mg/L	3.6	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	24	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	520	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	516	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.76	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	454	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	163	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.54	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.063	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.059	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.083	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
Macky Suraliwala
Sr. Scientist

Arun
Dr. Arun Bajpai
Lab Manager (Q)

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TEST REPORT

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Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0248 Issue Date : 12/10/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **HB-4 Down Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.73	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	121	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method
28	Magnesium as Mg	mg/L	51.8	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	373	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	6.2	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	5.4	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	0.86	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ca : <1 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager (Q)

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TEST REPORT

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Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0249 Issue Date : 12/10/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: EB-5 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 02/10/2020	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 03/10/2020	Lab ID.	: BL/2010/06
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 03/10/2020	Date of Completion of Test	: 10/10/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.03	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	5.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	4835	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.76	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	9.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	2224	IS 3025 (Part-16) 2017
7	TOC	mg/L	5.3	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	24.6	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	620	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	460	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.2	IS :3025 (Part-34) :1988 Clause 2.3
12	Chlorides as Cl	mg/L	793	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	210	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	3.16	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.087	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.094	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.13	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
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Sr. Scientist

Arun
Dr. Arun Bajpai
Lab Manager (Q)

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TEST REPORT

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Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0250
	Issue Date : 12/10/2020
	Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020

Sampling Location : **EB-5 Up Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.73	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	116	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	91.2	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	286	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	6.4	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	5.2	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	0.96	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ca : <1 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager (Q)

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Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0251 Issue Date : 12/10/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: HB-5 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 02/10/2020	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 03/10/2020	Lab ID.	: BL/2010/07
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 03/10/2020	Date of Completion of Test	: 10/10/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.51	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	8.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	2816	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.58	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	15	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	1763	IS 3025 (Part-16) 2017
7	TOC	mg/L	4.6	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	23	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	450	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	461	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.12	IS :3025 (Part-34) :1988 Clause 2.3
12	Chlorides as Cl	mg/L	499	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	203	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	2.14	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.083	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.075	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.12	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack

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Sr. Scientist

Arun

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Lab Manager (Q)

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Page: 2 of 2

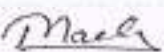
M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0252 Issue Date : 12/10/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **HB-5 Down Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.62	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	64	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	69.6	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	352	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	6.3	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	4.8	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	1.14	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ca : <1 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.


Macky Suraliwala
Sr. Scientist


Dr. Arun Bajpai
Lab Manager (Q)

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TEST REPORT

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M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0253 Issue Date : 12/10/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: HB-6 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 02/10/2020	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 03/10/2020	Lab ID.	: BL/2010/08
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 03/10/2020	Date of Completion of Test	: 10/10/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.19	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	5	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	2723	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.64	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	11	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	1704	IS 3025 (Part-16) 2017
7	TOC	mg/L	3.8	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	25	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	504	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	460	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.52	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	429	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	239	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	2.76	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.075	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.14	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.18	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
Macky Suraliwala
Sr. Scientist

Arun
Dr. Arun Bajpai
Lab Manager (Q)

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TEST REPORT

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Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0254 Issue Date : 12/10/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **HB-6 Down Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.72	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	89.6	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	67.2	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	283	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	6.4	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	5.2	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	1.1	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ca : <1 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Mack
Macky Suraliwala
Sr. Scientist

Arun
Dr. Arun Bajpai
Lab Manager (Q)

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TEST REPORT

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Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0255 Issue Date : 12/10/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : HB-7 Down Stream

Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 02/10/2020	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 03/10/2020	Lab ID.	: BL/2010/09
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 03/10/2020	Date of Completion of Test	: 10/10/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.08	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	4534	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.98	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	16	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	2798	IS 3025 (Part-16) 2017
7	TOC	mg/L	5.8	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	34	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	696	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	410	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.24	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	928	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	254	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.18	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.069	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.093	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.14	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
Macky Suraliwala
Sr. Scientist

Arun
Dr. Arun Bajpai
Lab Manager (Q)

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Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0256 Issue Date : 12/10/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **HB-7 Down Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.71	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	128	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	138	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	294	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	8.2	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	9.0	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	1.20	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ca : <1 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Mack

Macky Suraliwala
Sr. Scientist

Arun

Dr. Arun Bajpai
Lab Manager (Q)

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TEST REPORT

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Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0257 Issue Date : 12/10/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : EB-9 Up Stream

Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 02/10/2020	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 03/10/2020	Lab ID.	: BL/2010/10
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 03/10/2020	Date of Completion of Test	: 10/10/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.15	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	5596	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.82	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	16	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	3863	IS 3025 (Part-16) 2017
7	TOC	mg/L	9.8	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	79	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	1534	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	340	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.89	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1183	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	266	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	2.43	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.049	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.32	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.086	APHA (23 rd Edition 2017) 3111 B

Continue...

TEST REPORT

QF/7.8/37-WT

Mack
Macky Suraliwala
Sr. Scientist

Arun
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Lab Manager (Q)

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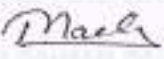
M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0258 Issue Date : 12/10/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : EB-9 Up Stream

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.72	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	368	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	243	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	403	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	8.1	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	15.3	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	1.12	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ca : <1 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.


Macky Suraliwala
Sr. Scientist


Dr. Arun Bajpai
Lab Manager (Q)

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TEST REPORT

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M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0259 Issue Date : 12/10/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : EB-10 Up Stream

Description of Sample : Ground Water sample Date of Sampling : 02/10/2020 Sampling by : Pollucon Laboratories Pvt. Ltd. Sample Receipt Date : 03/10/2020 Packing/ Seal : Sealed Date of Starting of Test : 03/10/2020	Quantity/No. of Samples : 05 Lit./One Sampling Procedure : IS:3025 Protocol (purpose) : QC/Env. Monitoring Lab ID. : BL/2010/11 Test Parameters : As per table Date of Completion of Test : 10/10/2020
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	6.98	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	8249	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.76	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	13	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	5484	IS 3025 (Part-16) 2017
7	TOC	mg/L	16	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	74	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	2560	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	290	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.4	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	2180	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	302	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	5.4	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.048	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.29	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.18	APHA (23 rd Edition 2017) 3111 B

Continue...

TEST REPORT

QF/7.8/37-WT

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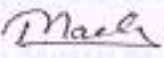
M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0260
	Issue Date : 12/10/2020
	Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020

Sampling Location : EB-10 Up Stream
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.82	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	608	IS 3025 (Part - 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	369	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	528	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	31	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	17.3	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	1.10	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ca : <1 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.


Macky Suraliwalla
 Sr. Scientist


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 Lab Manager (Q)

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M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0314 Issue Date : 12/11/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: HB - 1 UP Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/11/2020	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/11/2020	Lab ID.	: BL/2011/01
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/11/2020	Date of Completion of Test	: 12/11/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.48	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	8.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	5078	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.68	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	3247	IS 3025 (Part-16) 2017
7	TOC	mg/L	12	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	40	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	1322	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	500	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	1.12	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1250	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	152	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.46	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	BDL*	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	BDL*	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	BDL*	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.065	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.054	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.32	APHA (23 rd Edition 2017) 3111 B

Continue...

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TEST REPORT

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Page: 2 of 2

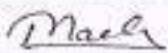
M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0314 Issue Date : 12/11/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **HB - 1 UP Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.66	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	196	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	198	IS 3025 (Part – 46) 2019 EDTA Method
29	Sodium as Na	mg/L	354	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	10.2	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	14	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	BDL*	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	BDL*	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.



Macky Suraliwala
Sr. Scientist



Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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TEST REPORT

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Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0315 Issue Date : 12/11/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : HB-2 Down Stream

Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/11/2020	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/11/2020	Lab ID.	: BL/2011/02
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/11/2020	Date of Completion of Test	: 12/11/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.54	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	7.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	3194	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.72	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	1568	IS 3025 (Part-16) 2017
7	TOC	mg/L	3.2	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	24	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	540	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	500	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.10	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	342	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	168	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.52	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	BDL*	IS 3025 (Part-48) 2003
20	Nickel as Ni	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	BDL*	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	BDL*	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.15	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.18	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.29	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
Macky Suraliwala
Sr. Scientist

Arun
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Lab Manager (Q)

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TEST REPORT

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Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0315
	Issue Date :	12/11/2020
	Customer's Ref. :	W.O.No. 8520210010 Dated:06.04.2020

Sampling Location : **HB-2 Down Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.5	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	102	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	79.2	IS 3025 (Part – 46) 2019 EDTA Method
29	Sodium as Na	mg/L	510	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	7.4	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	6.0	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	BDL*	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	BDL*	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager (Q)

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Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0316 Issue Date : 12/11/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : EB-3 Down Stream

Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/11/2020	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/11/2020	Lab ID.	: BL/2011/03
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/11/2020	Date of Completion of Test	: 12/11/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.09	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	5.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	4832	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.68	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	2742	IS 3025 (Part-16) 2017
7	TOC	mg/L	10.5	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	32	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	890	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	360	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.16	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1269	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	244	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.48	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	BDL*	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	BDL*	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	BDL*	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.062	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.076	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.084	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
Macky Suraliwala
Sr. Scientist

Arun
Dr. Arun Bajpai
Lab Manager (Q)

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Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0316
	Issue Date :	12/11/2020
	Customer's Ref. :	W.O.No. 8520210010 Dated:06.04.2020

Sampling Location : **EB-3 Down Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.67	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	172	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	101	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	332	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	8.0	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	12	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	0.86	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	BDL*	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Mack
Macky Suraliwala
Sr. Scientist

Arun
Dr. Arun Bajpai
Lab Manager (Q)

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Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0317 Issue Date : 12/11/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : EB-4 Up Stream

Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/11/2020	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/11/2020	Lab ID.	: BL/2011/04
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/11/2020	Date of Completion of Test	: 12/11/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.06	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	6.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	6852	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.74	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	3704	IS 3025 (Part-16) 2017
7	TOC	mg/L	4.0	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	28	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	2020	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	340	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.28	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1452	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	242	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	2.10	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	BDL*	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	BDL*	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	BDL*	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.066	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.18	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.082	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
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Sr. Scientist

Arun
Dr. Arun Bajpai
Lab Manager (Q)

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TEST REPORT

QF/7.8/37-WT

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M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0317 Issue Date : 12/11/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **EB-4 Up Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.54	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	415	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	240	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	278	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	12.4	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	7.0	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	0.3	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	BDL*	APHA (23 rd Edition 2017) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager (Q)

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Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0318 Issue Date : 12/11/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : HB-4 Down Stream

Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/11/2020	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/11/2020	Lab ID.	: BL/2011/06
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/11/2020	Date of Completion of Test	: 12/11/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.49	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	5.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	3098	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.52	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	1417	IS 3025 (Part-16) 2017
7	TOC	mg/L	2.0	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	22	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	500	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	490	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.98	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	459	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	180	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.78	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	BDL*	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	BDL*	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	BDL*	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.058	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.064	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.095	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
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Lab Manager (Q)

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TEST REPORT

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Customer's Name and Address :

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M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0318
	Issue Date :	12/11/2020
	Customer's Ref. :	W.O.No. 8520210010 Dated:06.04.2020

Sampling Location : **HB-4 Down Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.66	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	104	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	57.6	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	256	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	7.6	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	5.0	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	0.28	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	BDL*	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

**Macky Suraliwala
Sr. Scientist**

**Dr. Arun Bajpai
Lab Manager (Q)**

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Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0319 Issue Date : 12/11/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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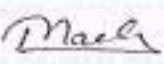
Sampling Location : **EB-5 Up Stream**

Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/11/2020	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/11/2020	Lab ID.	: BL/2011/05
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/11/2020	Date of Completion of Test	: 12/11/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.18	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	8.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	3437	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.68	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	2236	IS 3025 (Part-16) 2017
7	TOC	mg/L	8.0	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	32	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	760	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	480	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.4	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	919	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	198	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	2.86	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	BDL*	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	BDL*	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	BDL*	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.092	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.12	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.088	APHA (23 rd Edition 2017) 3111 B

Continue...


Macky Suraliwala
Sr. Scientist


Dr. Arun Bajpai
Lab Manager (Q)

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TEST REPORT

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Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0319
	Issue Date :	12/11/2020
	Customer's Ref. :	W.O.No. 8520210010 Dated:06.04.2020

Sampling Location : **EB-5 Up Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.84	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	152	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	91.2	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	302	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	8.2	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	10	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	0.48	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	BDL*	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0320 Issue Date : 12/11/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: HB-5 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/11/2020	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/11/2020	Lab ID.	: BL/2011/07
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/11/2020	Date of Completion of Test	: 12/11/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.19	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	5.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	2710	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.74	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	7	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	1842	IS 3025 (Part-16) 2017
7	TOC	mg/L	5.2	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	26	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	564	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	420	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.89	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	430	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	184	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.98	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	BDL*	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	BDL*	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	BDL*	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.078	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.080	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.086	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack

Macky Suraliwala
Sr. Scientist

Arun

Dr. Arun Bajpai
Lab Manager (Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0320
	Issue Date :	12/11/2020
	Customer's Ref. :	W.O.No. 8520210010 Dated:06.04.2020

Sampling Location :	HB-5 Down Stream
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.54	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	68	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	72	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	340	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	7.4	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	6.8	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	0.96	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	BDL*	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

**Macky Suraliwala
Sr. Scientist**

**Dr. Arun Bajpai
Lab Manager (Q)**

Note: This report is subject to terms & conditions mentioned overleaf.

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TEST REPORT

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Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0321 Issue Date : 12/11/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: HB-6 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/11/2020	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/11/2020	Lab ID.	: BL/2011/08
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/11/2020	Date of Completion of Test	: 12/11/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.49	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	8.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	3106	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.52	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	1684	IS 3025 (Part-16) 2017
7	TOC	mg/L	2.0	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	20	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	480	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	500	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.26	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	459	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	198	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	2.38	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	BDL*	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	BDL*	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	BDL*	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.080	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.097	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.14	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
Macky Suraliwala
Sr. Scientist

Arun
Dr. Arun Bajpai
Lab Manager (Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0321
	Issue Date : 12/11/2020
	Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020

Sampling Location : **HB-6 Down Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.66	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	138	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	32.4	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	268	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	8.2	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	4.4	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	0.5	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	BDL*	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

**Macky Suraliwala
Sr. Scientist**

**Dr. Arun Bajpai
Lab Manager (Q)**

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TEST REPORT

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Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0322 Issue Date : 12/11/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: EB-9 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/11/2020	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/11/2020	Lab ID.	: BL/2011/09
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/11/2020	Date of Completion of Test	: 12/11/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.11	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	8.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	5482	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.86	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	10	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	3660	IS 3025 (Part-16) 2017
7	TOC	mg/L	22	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	72	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	1210	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	460	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.68	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1179	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	226	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	2.26	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	BDL*	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	BDL*	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	BDL*	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.054	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.24	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.080	APHA (23 rd Edition 2017) 3111 B

Continue...

TEST REPORT

QF/7.8/37-WT

Mack
Macky Suraliwala
Sr. Scientist

Arun
Dr. Arun Bajpai
Lab Manager (Q)

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M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0322 Issue Date : 12/11/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : EB-9 Up Stream

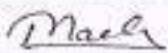
RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.84	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	244	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	144	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	412	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	10.6	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	26	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	0.42	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	BDL*	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

TEST REPORT

QF/7.8/37-WT


Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0323
	Issue Date :	12/11/2020
	Customer's Ref. :	W.O.No. 8520210010 Dated:06.04.2020

Sampling Location :	EB-10 Up Stream
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Description of Sample :	Ground Water sample	Quantity/No. of Samples :	05 Lit./One
Date of Sampling :	03/11/2020	Sampling Procedure :	IS:3025
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) :	QC/Env. Monitoring
Sample Receipt Date :	04/11/2020	Lab ID. :	BL/2011/10
Packing/ Seal :	Sealed	Test Parameters :	As per table
Date of Starting of Test :	04/11/2020	Date of Completion of Test :	12/11/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.04	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	8040	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	1.84	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	5268	IS 3025 (Part-16) 2017
7	TOC	mg/L	18	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	78	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	2320	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	310	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	5.4	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	2230	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	284	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	4.8	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	BDL*	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	BDL*	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	BDL*	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.054	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.34	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.24	APHA (23 rd Edition 2017) 3111 B

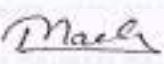
Continue...

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 2



Macky Suraliwala
Sr. Scientist



Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

● FSSAI Approved Lab ● Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986 ● GPCB approved schedule II auditor ● ISO 14001 : 2004 ● OHSAS 18001 : 2007 ● ISO 9001 : 2008

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0323 Issue Date : 12/11/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **EB-10 Up Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.92	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	501	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	256	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	394	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	26	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	22	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	0.40	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	BDL*	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

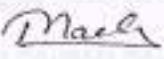
TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED .	Test Report No. : PL/BL 0324
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Macky Suraliwala
Sr. Scientist


Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Issue Date : 12/11/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
--	--

Sampling Location : EB11

Description of Sample : Ground Water sample	Quantity/No. of Samples : 05 Lit./One
Date of Sampling : 03/11/2020	Sampling Procedure : IS:3025
Sampling by : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : QC/Env. Monitoring
Sample Receipt Date : 04/11/2020	Lab ID. : BL/2011/11
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 04/11/2020	Date of Completion of Test : 12/11/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.12	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	6690	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	18	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	10	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	4356	IS 3025 (Part-16) 2017
7	TOC	mg/L	5.0	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	56	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	2360	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	400	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.36	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1524	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	336	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	2.08	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	BDL*	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	BDL*	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	BDL*	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.078	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.12	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.074	APHA (23 rd Edition 2017) 3111 B

Continue...

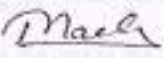
TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED .	Test Report No. : PL/BL 0324
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Macky Suraliwala
Sr. Scientist


Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.



**PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002**

Issue Date : **12/11/2020**
Customer's Ref. : **W.O.No. 8520210010**
Dated:06.04.2020

Sampling Location : **EB11**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.68	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	400	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	326	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	86	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	10.2	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	8.0	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	0.84	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	BDL*	APHA (23 rd Edition 2017) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 2

**M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE**

Test Report No. : **PL/BL 0325**
Issue Date : **12/11/2020**

**Macky Suraliwala
Sr. Scientist**

**Dr. Arun Bajpai
Lab Manager (Q)**

Note: This report is subject to terms & conditions mentioned overleaf.

POST BOX NO.82, ANKLESHWAR, 393002

Customer's Ref. :

**W.O.No. 8520210010
Dated:06.04.2020**
Sampling Location : GNFC POND

Description of Sample	: Surface Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/11/2020	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/11/2020	Lab ID.	: BL/2011/14
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/11/2020	Date of Completion of Test	: 12/11/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.68	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	455	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.16	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	3.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	296	IS 3025 (Part-16) 2017
7	TOC	mg/L	BDL*	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	BDL*	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	96	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	132	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	0.75	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	84	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	14	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	0.18	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	BDL*	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	BDL*	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	BDL*	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.038	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.045	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.057	APHA (23 rd Edition 2017) 3111 B

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TEST REPORT

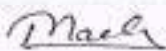
QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 2

**M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE**

 Test Report No. : **PL/BL 0325**

 Issue Date : **12/11/2020**

**Macky Suraliwala
Sr. Scientist**

**Dr. Arun Bajpai
Lab Manager (Q)**

Note: This report is subject to terms & conditions mentioned overleaf.

POST BOX NO.82, ANKLESHWAR, 393002

 Customer's Ref. : **W.O.No. 8520210010**
 Dated: **06.04.2020**

 Sampling Location : **GNFC POND**
RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.35	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	15.2	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	13.92	IS 3025 (Part – 46) 2019 EDTA Method
29	Sodium as Na	mg/L	12	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	0.6	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	BDL*	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	BDL*	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	BDL*	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, BOD : <0.1 mg/L, COD : <5 mg/L, TOC : <0.1 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

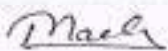
TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002

 Test Report No. : **PL/BL 0326**
 Issue Date : **12/11/2020**
 Customer's Ref. : **W.O.No. 8520210010**

Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

Dated:06.04.2020
Sampling Location : CM Tank

Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/11/2020	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/11/2020	Lab ID.	: BL/2011/12
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/11/2020	Date of Completion of Test	: 12/11/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.38	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	2756	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.95	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	3.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	1846	IS 3025 (Part-16) 2017
7	TOC	mg/L	10	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	36	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	528	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	510	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.76	IS :3025 (Part-34) :1988 Clause 2.3
12	Chlorides as Cl	mg/L	740	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	248	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.35	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	BDL*	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	BDL*	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	BDL*	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.062	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.17	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.054	APHA (23 rd Edition 2017) 3111 B

Continue...

TEST REPORT

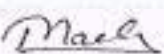
QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 2

**M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE**

 Test Report No. : **PL/BL 0326**

 Issue Date : **12/11/2020**

**Macky Suraliwala
Sr. Scientist**

**Dr. Arun Bajpai
Lab Manager (Q)**

Note: This report is subject to terms & conditions mentioned overleaf.



POST BOX NO.82, ANKLESHWAR, 393002

Customer's Ref. :

W.O.No. 8520210010
Dated:06.04.2020

Sampling Location : CM Tank

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.36	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	45	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	99.72	IS 3025 (Part – 46) 2019 EDTA Method
29	Sodium as Na	mg/L	270	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	5.6	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	12	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	BDL*	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	BDL*	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

--	--

Mack

Macky Suraliwala
Sr. Scientist

Arun

Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

● FSSAI Approved Lab ● Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986 ● GPCB approved schedule II auditor ● ISO 14001 : 2004 ● OHSAS 18001 : 2007 ● ISO 9001 : 2008

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/11/2020	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/11/2020	Lab ID.	: BL/2011/15
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/11/2020	Date of Completion of Test	: 12/11/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.54	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	3.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	2170	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.98	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	3.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	1410	IS 3025 (Part-16) 2017
7	TOC	mg/L	2.2	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	20	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	564	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	524	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.86	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	296	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	126	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.46	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	BDL*	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	BDL*	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	BDL*	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.044	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.19	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.087	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
Macky Suraliwala
Sr. Scientist

Arun
Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.



TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0327 Issue Date : 12/11/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **Jitali Navinagari**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.34	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	124.0	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	60.96	IS 3025 (Part – 46) 2019 EDTA Method
29	Sodium as Na	mg/L	382	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	6.4	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	4.8	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	BDL*	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	BDL*	APHA (23 rd Edition 2017) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0328 Issue Date : 12/11/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: Jitali Gram Panchayat
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/11/2020	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/11/2020	Lab ID.	: BL/2011/16
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/11/2020	Date of Completion of Test	: 12/11/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.54	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	5.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	2658	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.76	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	3.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	1360	IS 3025 (Part-16) 2017
7	TOC	mg/L	BDL*	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	16	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	530	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	310	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.76	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	413	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	154	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.8	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	BDL*	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	BDL*	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	BDL*	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.056	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.036	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.092	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
Macky Suraliwala
Sr. Scientist

Arun
Dr. Arun Bajpai
Lab Manager (Q)

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M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0328 Issue Date : 12/11/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **Jitali Gram Panchayat**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.46	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	88.0	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	74.4	IS 3025 (Part – 46) 2019 EDTA Method
29	Sodium as Na	mg/L	208	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	6.0	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	BDL*	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	BDL*	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	BDL*	APHA (23 rd Edition 2017) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, TOC : <0.1 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager (Q)

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M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0329 Issue Date : 12/11/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: GIDC POND
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Description of Sample	: Surface Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/11/2020	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/11/2020	Lab ID.	: BL/2011/13
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/11/2020	Date of Completion of Test	: 12/11/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	8.26	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	443	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.54	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	258	IS 3025 (Part-16) 2017
7	TOC	mg/L	BDL*	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	BDL*	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	139	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	141	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	0.84	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	26.49	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	10.8	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	0.56	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	BDL*	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	BDL*	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	BDL*	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.054	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.022	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	BDL*	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack

Macky Suraliwala
Sr. Scientist

Arun

Dr. Arun Bajpai
Lab Manager (Q)

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Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0329
	Issue Date :	12/11/2020
	Customer's Ref. :	W.O.No. 8520210010 Dated:06.04.2020

Sampling Location : **GIDC POND**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.24	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	31.3	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	14.64	IS 3025 (Part – 46) 2019 EDTA Method
29	Sodium as Na	mg/L	12	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	BDL*	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	BDL*	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	BDL*	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	BDL*	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Potassium : <0.1 mg/L, BOD : <0.1 mg/L, COD : <5 mg/L, TOC : <0.1 mg/L, Zinc as Zn:0.05mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager (Q)

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Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002

Test Report No. : **PL/BL 0364**
 Issue Date : **12/12/2020**
 Customer's Ref. : **W.O.No. 8520210010**
Dated:06.04.2020

Sampling Location : **HB - 1 UP Stream**

Description of Sample : **Ground Water sample** Quantity/No. of Samples : **05 Lit./One**
 Date of Sampling : **03/12/2020** Sampling Procedure : **IS:3025**
 Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **QC/Env. Monitoring**
 Sample Receipt Date : **04/12/2020** Lab ID. : **BL/2012/04**
 Packing/ Seal : **Sealed** Test Parameters : **As per table**
 Date of Starting of Test : **04/12/2020** Date of Completion of Test : **12/12/2020**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.59	IS 3025 (Part - 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part - 4) 2017
3	Conductivity	umhos/cm	5178	IS 3025 (Part - 14) 2019
4	Turbidity	NTU	0.74	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part - 17) 2017
6	Total Dissolved Solids	mg/L	3586	IS 3025 (Part-16) 2017
7	TOC	mg/L	9.4	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	38	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1410	IS 3025 (Part - 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	476	IS 3025 (Part - 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	1.28	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1384	IS 3025 (Part - 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	170	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.36	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.070	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.068	APHA (23 rd Edition 2017) 3111*B
25	Zinc as Zn	mg/L	0.29	APHA (23 rd Edition 2017) 3111 B

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Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager(Q)

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Sec. 12 of Environmental (Protection) Act-1986

● FSSAI Approved schedule II auditor

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Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002

Test Report No. : **PL/BL 0364**Issue Date : **12/12/2020**Customer's Ref. : **W.O.No. 8520210010**
Dated:06.04.2020Sampling Location : **HB - 1 UP Stream****RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.53	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	198	IS 3025 (Part - 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	219	IS 3025 (Part - 46) 2019 EDTA Method
29	Sodium as Na	mg/L	332	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	13	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	11.6	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T, Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L **attached pesticides list.


Macky Suraliwala
Sr. Scientist


Dr. Arun Bajpai
Lab Manager(Q)

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Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0365
	Issue Date : 12/12/2020
	Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020

Sampling Location : HB-2 Down Stream

Description of Sample : Ground Water sample	Quantity/No. of Samples : 05 Lit./One
Date of Sampling : 03/12/2020	Sampling Procedure : IS:3025
Sampling by : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : QC/Env. Monitoring
Sample Receipt Date : 04/12/2020	Lab ID. : BL/2012/05
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 04/12/2020	Date of Completion of Test : 12/12/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.63	IS 3025 (Part - 11) 2017 Electrometric Method
2	Colour	Co-pt	6.0	IS 3025 (Part - 4) 2017
3	Conductivity	µmhos/cm	2630	IS 3025 (Part - 14) 2019
4	Turbidity	NTU	0.84	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	4.0	IS 3025 (Part - 17) 2017
6	Total Dissolved Solids	mg/L	1684	IS 3025 (Part-16) 2017
7	TOC	mg/L	5.8	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	28	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	576	IS 3025 (Part - 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	490	IS 3025 (Part - 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.28	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	352	IS 3025 (Part - 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	176	IS 3025 (Part-24) 2019 *
14	Nitrate	mg/L	1.29	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.21	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.28	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.34	APHA (23 rd Edition 2017) 3111 B

Continue...

Macky Suraiwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager(Q) *

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M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002

Test Report No. : **PL/BL 0365**
 Issue Date : **12/12/2020**
 Customer's Ref. : **W.O.No. 8520210010**
Dated:06.04.2020

Sampling Location : **HB-2 Down Stream****RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.45	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	106	IS 3025 (Part - 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	74.64	IS 3025 (Part - 46) 2019 EDTA Method
29	Sodium as Na	mg/L	418	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	9.6	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	5.8	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.


Macky Suraliwala
Sr. Scientist


Dr. Arun Bajpai
Lab Manager(Q)

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Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0366 Issue Date : 12/12/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : EB-3 Down Stream

Description of Sample : Ground Water sample	Quantity/No. of Samples : 05 Lit./One
Date of Sampling : 03/12/2020	Sampling Procedure : IS:3025
Sampling by : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : QC/Env. Monitoring
Sample Receipt Date : 04/12/2020	Lab ID. : BL/2012/06
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 04/12/2020	Date of Completion of Test : 12/12/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED *
1	pH	--	7.12	IS 3025 (Part - 11) 2017 Electrometric Method
2	Colour	Co-pt	5.0	IS 3025 (Part - 4) 2017
3	Conductivity	µmhos/cm	4280	IS 3025 (Part - 14) 2019
4	Turbidity	NTU	0.61	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part - 17) 2017
6	Total Dissolved Solids	mg/L	2834	IS 3025 (Part-16) 2017
7	TOC	mg/L	7.4	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	30	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	872	IS 3025 (Part - 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	384	IS 3025 (Part - 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.58	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1134	IS 3025 (Part - 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	250	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.29	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.073	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.088	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.092	APHA (23 rd Edition 2017) 3111 B

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M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0366
	Issue Date : 12/12/2020
	Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020

Sampling Location : **EB-3 Down Stream****RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.64	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	170	IS 3025 (Part - 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	107	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	298	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	9.4	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	10.6	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.


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Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0367 Issue Date : 12/12/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : EB-4 Up Stream

Description of Sample : Ground Water sample	Quantity/No. of Samples : 05 Lit./One
Date of Sampling : 03/12/2020	Sampling Procedure : IS:3025
Sampling by : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : QC/Env. Monitoring
Sample Receipt Date : 04/12/2020	Lab ID. : BL/2012/07
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 04/12/2020	Date of Completion of Test : 12/12/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.13	IS 3025 (Part - 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part - 4) 2017
3	Conductivity	µmhos/cm	5683	IS 3025 (Part - 14) 2019
4	Turbidity	NTU	0.86	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part - 17) 2017
6	Total Dissolved Solids	mg/L	3824	IS 3025 (Part-16) 2017
7	TOC	mg/L	4.3	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	36	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1928	IS 3025 (Part - 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	329	IS 3025 (Part - 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.86	IS : 3025 (Part-34) : 1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1380	IS 3025 (Part - 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	259	IS 3025 (Part-24) 2019 -
14	Nitrate	mg/L	2.38	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.078	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.23	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.093	APHA (23 rd Edition 2017) 3111 B

Continue...

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Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0367 Issue Date : 12/12/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **EB-4 Up Stream****RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.48	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	404	IS 3025 (Part - 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	219	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	268	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	14.9	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	9.3	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T, Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

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M/s. BEIL INFRASTRUCTURE LIMITED , PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0368 Issue Date : 12/12/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : HB-4 Down Stream

Description of Sample : Ground Water sample	Quantity/No. of Samples : 05 Lit./One
Date of Sampling : 03/12/2020	Sampling Procedure : IS:3025
Sampling by : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : QC/Env. Monitoring
Sample Receipt Date : 04/12/2020	Lab ID. : BL/2012/08
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 04/12/2020	Date of Completion of Test : 12/12/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.31	IS 3025 (Part - 11) 2017 Electrometric Method
2	Colour	Co-pt	5.0	IS 3025 (Part - 4) 2017
3	Conductivity	µmhos/cm	2470	IS 3025 (Part - 14) 2019
4	Turbidity	NTU	0.68	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	7.0	IS 3025 (Part - 17) 2017
6	Total Dissolved Solids	mg/L	1623	IS 3025 (Part-16) 2017
7	TOC	mg/L	3.0	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	24	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	528	IS 3025 (Part - 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	483	IS 3025 (Part - 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.12	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	463	IS 3025 (Part - 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	170	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.56	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.069	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.073	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.086	APHA (23 rd Edition 2017) 3111 B

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Customer's Name and Address :

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Sampling Location : HB-4 Down Stream

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.53	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	108	IS 3025 (Part - 40) 2019 EDTA Titrimetric Method
28	Magnesium as Mg	mg/L	61.92	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	232	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	5.8	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	4.32	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

EDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T, Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.


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M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0369 Issue Date : 12/12/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : EB-5 Up Stream

Description of Sample : Ground Water sample	Quantity/No. of Samples : 05 Lit./One
Date of Sampling : 03/12/2020	Sampling Procedure : IS:3025
Sampling by : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : QC/Env. Monitoring
Sample Receipt Date : 04/12/2020	Lab ID. : BL/2012/09
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 04/12/2020	Date of Completion of Test : 12/12/2020

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.26	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	3568	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.59	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	7.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	2386	IS 3025 (Part-16) 2017
7	TOC	mg/L	7.3	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	36	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	774	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	469	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.68	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	939	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	184	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	2.39	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.089	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.13	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.075	APHA (23 rd Edition 2017) 3111 B

Continue...


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 • Schedule II auditor

• CHSAS 18001

• ISO 9001

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M/s. BEIL INFRASTRUCTURE LIMITED , PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0370 Issue Date : 12/12/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : HB-5 Down Stream

Description of Sample : Ground Water sample Date of Sampling : 03/12/2020 Sampling by : Pollucon Laboratories Pvt. Ltd. Sample Receipt Date : 04/12/2020 Packing/ Seal : Sealed Date of Starting of Test : 04/12/2020	Quantity/No. of Samples : 05 Lit./One Sampling Procedure : IS:3025 Protocol (purpose) : QC/Env. Monitoring Lab ID. : BL/2012/10 Test Parameters : As per table Date of Completion of Test : 12/12/2020
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.26	IS 3025 (Part - 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part - 4) 2017
3	Conductivity	µmhos/cm	2864	IS 3025 (Part - 14) 2019
4	Turbidity	NTU	0.58	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part - 17) 2017
6	Total Dissolved Solids	mg/L	1784	IS 3025 (Part-16) 2017
7	TOC	mg/L	4.3	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	32	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	586	IS 3025 (Part - 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	434	IS 3025 (Part - 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.56	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	453	IS 3025 (Part - 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	170	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.24	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.089	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.070	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.093	APHA (23 rd Edition 2017) 3111 B

Continue...

Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager(Q)

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**TEST REPORT**

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Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0370 Issue Date : 12/12/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : HB-5 Down Stream

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.50	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	74	IS 3025 (Part - 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	96.24	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	329	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	6.8	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	6.4	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpal
Lab Manager(Q)

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Sec. 12 of Environmental (Protection) Act-1986

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● ISO 9001

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M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002

Test Report No. : **PL/BL 0371**
 Issue Date : **12/12/2020**
 Customer's Ref. : **W.O.No. 8520210010**
Dated:06.04.2020

Sampling Location : **HB-6 Down Stream**

Description of Sample : **Ground Water sample** Quantity/No. of Samples : **05 Lit./One**
 Date of Sampling : **03/12/2020** Sampling Procedure : **IS:3025**
 Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **QC/Env. Monitoring**
 Sample Receipt Date : **04/12/2020** Lab ID. : **BL/2012/11**
 Packing/ Seal : **Sealed** Test Parameters : **As per table**
 Date of Starting of Test : **04/12/2020** Date of Completion of Test : **12/12/2020**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.41	IS 3025 (Part - 11) 2017 Electrometric Method
2	Colour	Co-pt	5.0	IS 3025 (Part - 4) 2017
3	Conductivity	µmhos/cm	2730	IS 3025 (Part - 14) 2019
4	Turbidity	NTU	1.68	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part - 17) 2017
6	Total Dissolved Solids	mg/L	1829	IS 3025 (Part-16) 2017
7	TOC	mg/L	3.4	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	25	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	604	IS 3025 (Part - 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	493	IS 3025 (Part - 23) 2019 *
11	Total Kjeldahl Nitrogen	mg/L	3.58	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	390	IS 3025 (Part - 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	188	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	2.24	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.089	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.075	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.13	APHA (23 rd Edition 2017) 3111 B

Continue...

Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager(Q)

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● ISO 17025

● ISO 18001

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TEST REPORT

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Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0371 Issue Date : 12/12/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **HB-6 Down Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.53	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	146	IS 3025 (Part-40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	57.36	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	250	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	7.3	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	4.2	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520-B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager(Q)

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M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002

Test Report No. : **PL/BL 0372**
 Issue Date : **12/12/2020**
 Customer's Ref. : **W.O.No. 8520210010**
Dated:06.04.2020

Sampling Location : **HB-7 Down Stream**

Description of Sample : **Ground Water sample** Quantity/No. of Samples : **05 Lit./One**
 Date of Sampling : **03/12/2020** Sampling Procedure : **IS:3025**
 Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **QC/Env. Monitoring**
 Sample Receipt Date : **04/12/2020** Lab ID. : **BL/2012/12**
 Packing/ Seal : **Sealed** Test Parameters : **As per table**
 Date of Starting of Test : **04/12/2020** Date of Completion of Test : **12/12/2020**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.13	IS 3025 (Part - 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part - 4) 2017
3	Conductivity	µmhos/cm	4250	IS 3025 (Part - 14) 2019
4	Turbidity	NTU	0.87	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	7.0	IS 3025 (Part - 17) 2017
6	Total Dissolved Solids	mg/L	2840	IS 3025 (Part-16) 2017
7	TOC	mg/L	4.1	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	39	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	656	IS 3025 (Part - 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	436	IS 3025 (Part - 23) 2019 *
11	Total Kjeldahl Nitrogen	mg/L	3.96	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	903	IS 3025 (Part - 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	228	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.12	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.073	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.099	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.12	APHA (23 rd Edition 2017) 3111 B

Continue...

Macky Surahwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager(Q)

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**TEST REPORT**

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0372 Issue Date : 12/12/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : HB-7 Down Stream

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.59	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	134	IS 3025 (Part - 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	77.04	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	259	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	7.3	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	8.0	IS 3025 (PART-44) 2019 *
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager(Q)

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Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002

Test Report No. : **PL/BL 0373**
 Issue Date : **12/12/2020**
 Customer's Ref. : **W.O.No. 8520210010**
Dated:06.04.2020

Sampling Location : **EB-9 Up Stream****RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.72	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	250	IS 3025 (Part - 40) 2019 EDTA Titrimetric Method
28	Magnesium as Mg	mg/L	158	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	394	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	13.6	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	19.8	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.025 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/l, As : <0.001 mg/l, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager(Q)

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**TEST REPORT**

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Customer's Name and Address :

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M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0374 Issue Date : 12/12/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **EB-10 Up Stream****RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.73	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	512	IS 3025 (Part - 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	250	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	383	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	20	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	19	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager(Q)

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**TEST REPORT**

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Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002

Test Report No. : **PL/BL 0375**
 Issue Date : **12/12/2020**
 Customer's Ref. : **W.O.No. 8520210010**
Dated:06.04.2020

Sampling Location : **EB11****RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.53	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	390	IS 3025 (Part - 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	336	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	92	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	14	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	12	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Macky Suraliyala
 Sr. Scientist

Dr. Aruh Bajpai
 Lab Manager(Q)

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"Pollucon House", Plot No. 5 & 6, Opp. Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mar, Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.

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TEST REPORT

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Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0004 Issue Date : 10/01/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: HB - 1 UP Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 01/01/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 02/01/2021	Lab ID.	: BL/2101/04
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 02/01/2021	Date of Completion of Test:	: 09/01/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.54	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	7.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	5030	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.64	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	3438	IS 3025 (Part-16) 2017
7	TOC	mg/L	10.2	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	34	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1260	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	384	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	1.32	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1350	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	164	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.40	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.062	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.062	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.34	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
MackySuraliwala
Sr. Scientist

Arun Bajpai
Dr. ArunBajpai
Lab Manager (Q)

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Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0004 Issue Date : 10/01/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **HB - 1 UP Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.48	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	264	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	144	IS 3025 (Part – 46) 2019 EDTA Method
29	Sodium as Na	mg/L	346	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	15	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	11.4	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager (Q)

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TEST REPORT

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Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0005 Issue Date : 10/01/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : HB-2 Down Stream

Description of Sample : Ground Water sample Date of Sampling : 01/01/2021 Sampling by : Pollucon Laboratories Pvt. Ltd. Sample Receipt Date : 02/01/2021 Packing/ Seal : Sealed Date of Starting of Test : 02/01/2021	Quantity/No. of Samples : 05 Lit./One Sampling Procedure : IS:3025 Protocol (purpose) : QC/Env. Monitoring Lab ID. : BL/2101/05 Test Parameters : As per table Date of Completion of Test: 09/01/2021
--	--

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.58	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	7.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	2745	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.80	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	1744	IS 3025 (Part-16) 2017
7	TOC	mg/L	8.4	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	30	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	560	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	436	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.24	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	370	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	172	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.34	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.18	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.24	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.30	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
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Sr. Scientist

Arun Bajpai
Dr. ArunBajpai
Lab Manager (Q)

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M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0005
	Issue Date : 10/01/2021
	Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020

Sampling Location : **HB-2 Down Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.48	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	96	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	76	IS 3025 (Part – 46) 2019 EDTA Method
29	Sodium as Na	mg/L	388	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	10.2	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	9.6	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Mack
MackSuraliwala
Sr. Scientist

Arun Bajpai
Dr. ArunBajpai
Lab Manager (Q)

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M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0006 Issue Date : 10/01/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: EB-3 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 01/01/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 02/01/2021	Lab ID.	: BL/2101/06
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 02/01/2021	Date of Completion of Test:	: 09/01/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.24	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	6.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	5295	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.62	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	3102	IS 3025 (Part-16) 2017
7	TOC	mg/L	9.5	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	32	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	869	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	452	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.42	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1280	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	256	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.44	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.084	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.082	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.088	APHA (23 rd Edition 2017) 3111 B

Continue...

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Lab Manager (Q)

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TEST REPORT

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M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0006 Issue Date : 10/01/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **EB-3 Down Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.68	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	190	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	96	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	302	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	12.2	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	11	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

MackySuraliwala
Sr. Scientist

Dr. ArunBajpai
Lab Manager (Q)

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M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0007 Issue Date : 10/01/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : EB-4 Up Stream
Description of Sample : Ground Water sample Quantity/No. of Samples : 05 Lit./One
Date of Sampling : 01/01/2021 Sampling Procedure : IS:3025
Sampling by : Pollucon Laboratories Pvt. Ltd. Protocol (purpose) : QC/Env. Monitoring
Sample Receipt Date : 02/01/2021 Lab ID. : BL/2101/07
Packing/ Seal : Sealed Test Parameters : As per table
Date of Starting of Test : 02/01/2021 Date of Completion of Test: 09/01/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.22	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	8.0	IS 3025 (Part – 4) 2017
3	Conductivity	umhos/cm	6284	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.82	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	3948	IS 3025 (Part-16) 2017
7	TOC	mg/L	7.2	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	34	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1853	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	352	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.54	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1569	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	248	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	2.26	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.070	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.26	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.085	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack

**MackySuraliwala
Sr. Scientist**

Arun

**Dr. ArunBajpai
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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 2

**M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002**

Test Report No. : **PL/BL 0007**
Issue Date : **10/01/2021**
Customer's Ref. : **W.O.No. 8520210010**
Dated:06.04.2020

Sampling Location : **EB-4 Up Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.52	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	405	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	204	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	252	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	10.8	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	9.8	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

MackySuraliwala
Sr. Scientist

Dr. ArunBajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0008 Issue Date : 10/01/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : HB-4 Down Stream

Description of Sample : Ground Water sample Date of Sampling : 01/01/2021 Sampling by : Pollucon Laboratories Pvt. Ltd. Sample Receipt Date : 02/01/2021 Packing/ Seal : Sealed Date of Starting of Test : 02/01/2021	Quantity/No. of Samples : 05 Lit./One Sampling Procedure : IS:3025 Protocol (purpose) : QC/Env. Monitoring Lab ID. : BL/2101/08 Test Parameters : As per table Date of Completion of Test: 09/01/2021
--	--

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.42	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	5.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	2706	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.62	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	1744	IS 3025 (Part-16) 2017
7	TOC	mg/L	5.0	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	28	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	484	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	464	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.06	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	419	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	178	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.44	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.071	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.077	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.082	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
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Sr. Scientist

Arun Bajpai
Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0008 Issue Date : 10/01/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
---	---

Sampling Location : **HB-4 Down Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.58	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	88	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	63	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	248	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	6.2	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	8.4	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Mack
MackySuraliwala
Sr. Scientist

Arun Bajpai
Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

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Page: 1 of 2

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0009 Issue Date : 10/01/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: EB-5 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 01/01/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 02/01/2021	Lab ID.	: BL/2101/09
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 02/01/2021	Date of Completion of Test:	: 09/01/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.36	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	8.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	3662	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.54	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	2320	IS 3025 (Part-16) 2017
7	TOC	mg/L	7.2	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	30	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	636	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	444	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.24	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	915	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	187	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	2.47	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.096	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.18	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.071	APHA (23 rd Edition 2017) 3111 B

Continue...

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Sr. Scientist

Arun
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Lab Manager (Q)

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Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0009
	Issue Date : 10/01/2021
	Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020

Sampling Location : EB-5 Up Stream

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.63	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	125	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	77	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	288	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	10.4	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	8.8	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

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MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0010 Issue Date : 10/01/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: HB-5 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 01/01/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 02/01/2021	Lab ID.	: BL/2101/10
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 02/01/2021	Date of Completion of Test:	: 09/01/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.34	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	5.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	2818	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.78	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	1834	IS 3025 (Part-16) 2017
7	TOC	mg/L	8.4	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	32	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	500	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	428	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.48	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	454	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	187	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.46	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.084	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.076	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.080	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
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Sr. Scientist

Arun Bajpai
Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

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Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0010 Issue Date : 10/01/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **HB-5 Down Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.58	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	76	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	73	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	318	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	8.4	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	10.3	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

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MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

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Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0011 Issue Date : 10/01/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : HB-6 Down Stream

Description of Sample : Ground Water sample	Quantity/No. of Samples : 05 Lit./One
Date of Sampling : 01/01/2021	Sampling Procedure : IS:3025
Sampling by : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : QC/Env. Monitoring
Sample Receipt Date : 02/01/2021	Lab ID. : BL/2101/11
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 02/01/2021	Date of Completion of Test: 09/01/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.37	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	5.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	3417	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.88	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	7.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	1798	IS 3025 (Part-16) 2017
7	TOC	mg/L	6.6	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	28	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	597	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	472	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.14	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	479	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	182	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	2.36	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.076	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.088	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.16	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
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Sr. Scientist

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Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

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Customer's Name and Address :

Page: 2 of 2

**M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002**

Test Report No. : **PL/BL 0011**
Issue Date : **10/01/2021**
Customer's Ref. : **W.O.No. 8520210010**
Dated:06.04.2020

Sampling Location : **HB-6 Down Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.68	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	142	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	59	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	256	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	7.8	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	12.4	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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TEST REPORT

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Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0012 Issue Date : 10/01/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : HB-7 Down Stream

Description of Sample : Ground Water sample	Quantity/No. of Samples : 05 Lit./One
Date of Sampling : 01/01/2021	Sampling Procedure : IS:3025
Sampling by : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : QC/Env. Monitoring
Sample Receipt Date : 02/01/2021	Lab ID. : BL/2101/12
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 02/01/2021	Date of Completion of Test: 09/01/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.22	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	4776	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.82	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	5	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	2756	IS 3025 (Part-16) 2017
7	TOC	mg/L	10.8	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	42	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	673	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	416	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.78	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	899	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	238	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.24	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.089	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.082	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.17	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
MackySuraliwala
Sr. Scientist

Arun Bajpai
Dr. ArunBajpai
Lab Manager (Q)

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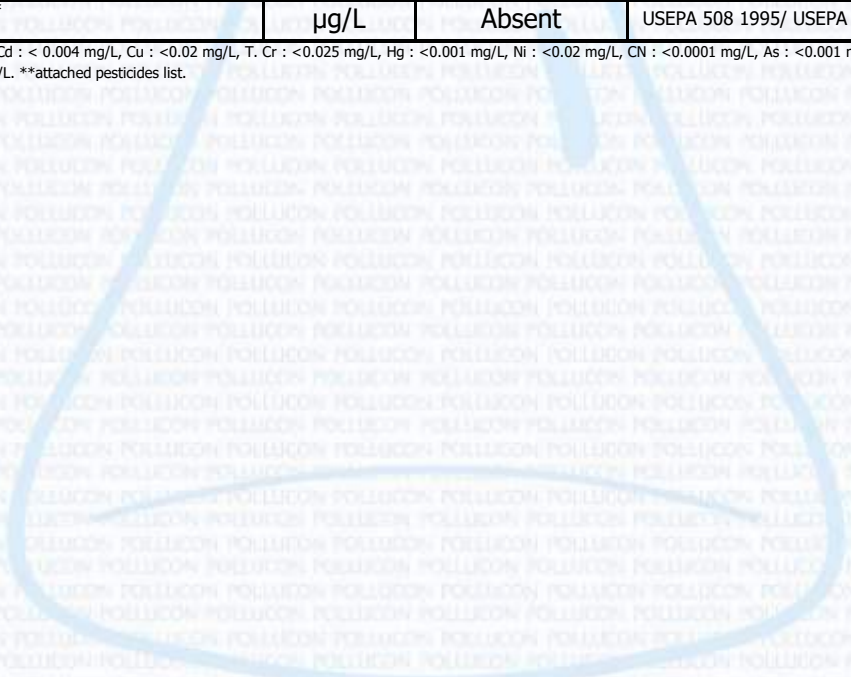
M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0012 Issue Date : 10/01/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **HB-7 Down Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.67	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	148	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	74	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	276	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	8.8	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	14.2	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.



Mack

MackSuraliwala
Sr. Scientist

Arun Bajpai

Dr. ArunBajpai
Lab Manager (Q)

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Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0013 Issue Date : 10/01/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
---	---

Sampling Location : EB-9 Up Stream

Description of Sample : Ground Water sample	Quantity/No. of Samples : 05 Lit./One
Date of Sampling : 01/01/2021	Sampling Procedure : IS:3025
Sampling by : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : QC/Env. Monitoring
Sample Receipt Date : 02/01/2021	Lab ID. : BL/2101/13
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 02/01/2021	Date of Completion of Test : 09/01/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.20	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	8.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	5634	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.76	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	7	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	3612	IS 3025 (Part-16) 2017
7	TOC	mg/L	22	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	72	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1110	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	368	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.52	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1189	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	218	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.90	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.058	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.28	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.087	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
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Sr. Scientist

Arun Bajpai
Dr. ArunBajpai
Lab Manager (Q)

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---	---

Sampling Location : **EB-9 Up Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.77	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	216	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	136	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	402	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	15.8	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	25	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Mack
MackySuraliwala
Sr. Scientist

Arun Bajpai
Dr. ArunBajpai
Lab Manager (Q)

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M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0014
	Issue Date : 10/01/2021
	Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020

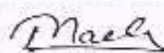
Sampling Location : EB-10 Up Stream
--

Description of Sample : Ground Water sample	Quantity/No. of Samples : 05 Lit./One
Date of Sampling : 01/01/2021	Sampling Procedure : IS:3025
Sampling by : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : QC/Env. Monitoring
Sample Receipt Date : 02/01/2021	Lab ID. : BL/2101/14
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 02/01/2021	Date of Completion of Test : 09/01/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.18	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	8915	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	1.56	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	8	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	5298	IS 3025 (Part-16) 2017
7	TOC	mg/L	16	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	88	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	2322	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	292	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	4.82	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	2376	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	276	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	3.6	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.072	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.31	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.33	APHA (23 rd Edition 2017) 3111 B

Continue...



MackySuraliwala
Sr. Scientist



Dr. ArunBajpai
Lab Manager (Q)

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Page: 2 of 2

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Sampling Location : **EB-10 Up Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.96	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	456	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	287	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	385	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	22	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	24	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Mack
MackySuraliwala
Sr. Scientist

Arun Bajpai
Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

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Customer's Name and Address :

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M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0015 Issue Date : 10/01/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: EB11
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 01/01/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 02/01/2021	Lab ID.	: BL/2101/15
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 02/01/2021	Date of Completion of Test:	: 09/01/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.34	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	6892	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	14	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	12	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	4560	IS 3025 (Part-16) 2017
7	TOC	mg/L	9.5	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	90	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	2460	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	312	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.44	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1642	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	342	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	2.20	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.068	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.18	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.084	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
MackySuraliwala
Sr. Scientist

Arun Bajpai
Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

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Customer's Name and Address :

Page: 2 of 2

**M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002**

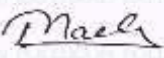
Test Report No. : **PL/BL 0015**
Issue Date : **10/01/2021**
Customer's Ref. : **W.O.No. 8520210010
Dated:06.04.2020**

Sampling Location : **EB11**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.65	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	512	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	283	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	96	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	12	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	12.6	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.


Macky Suraliwala
Sr. Scientist


Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0050 Issue Date : 11/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: HB - 1 UP Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 01/02/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 02/02/2021	Lab ID.	: BL/2102/04
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 02/02/2021	Date of Completion of Test	: 11/02/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.13	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	5324	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.87	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	3462	IS 3025 (Part-16) 2017
7	TOC	mg/L	11.3	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	40	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	1396	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	412	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	1.63	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1270	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	186	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.24	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.084	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.093	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0050 Issue Date : 11/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **HB - 1 UP Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.51	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	276	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	169	IS 3025 (Part – 46) 2019 EDTA Method
29	Sodium as Na	mg/L	373	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	12.84	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	8.6	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L, Zinc as Zn:0.05mg/L. **attached pesticides list.

Mack

MackySuraliwala
Sr. Scientist

Arun Bajpai

Dr. ArunBajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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TEST REPORT

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Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0051 Issue Date : 11/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: HB-2 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 01/02/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 02/02/2021	Lab ID.	: BL/2102/05
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 02/02/2021	Date of Completion of Test	: 11/02/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.43	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	8.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	2913	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.78	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	1893	IS 3025 (Part-16) 2017
7	TOC	mg/L	6.8	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	32	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	584	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	423	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.59	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	368	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	152	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.76	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.25	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.31	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0051
	Issue Date :	11/02/2021
	Customer's Ref. :	W.O.No. 8520210010 Dated:06.04.2020

Sampling Location :	HB-2 Down Stream
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.56	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	110	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	74.16	IS 3025 (Part – 46) 2019 EDTA Method
29	Sodium as Na	mg/L	402	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	18.3	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	6.8	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L, Zinc as Zn:0.05mg/L. **attached pesticides list.

**Macky Suraliwala
Sr. Scientist**

**Dr. Arun Bajpai
Lab Manager (Q)**

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TEST REPORT

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M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0052 Issue Date : 11/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: EB-3 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 01/02/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 02/02/2021	Lab ID.	: BL/2102/06
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 02/02/2021	Date of Completion of Test	: 11/02/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.16	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	8.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	4263	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.58	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	7.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	2773	IS 3025 (Part-16) 2017
7	TOC	mg/L	9.2	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	31	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	886	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	396	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.54	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1198	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	248	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.32	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.066	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.078	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0052 Issue Date : 11/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **EB-3 Down Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.62	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	178	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	106	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	310	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	10.4	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	14	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L, Zinc as Zn:0.05mg/L. **attached pesticides list.

Mack

MackySuraliwala
Sr. Scientist

Arun Bajpai

Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0053 Issue Date : 11/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: EB-4 Up Stream		
Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 01/02/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 02/02/2021	Lab ID.	: BL/2102/07
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 02/02/2021	Date of Completion of Test	: 11/02/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.49	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	5906	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.78	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	3836	IS 3025 (Part-16) 2017
7	TOC	mg/L	8.0	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	38	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	1952	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	316	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.48	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1452	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	254	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	2.24	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.068	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.21	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack

MackySuraliwala
Sr. Scientist

Arun Bajpai

Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0053
	Issue Date :	11/02/2021
	Customer's Ref. :	W.O.No. 8520210010
		Dated:06.04.2020

Sampling Location : **EB-4 Up Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.56	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	418	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	217	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	244	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	12.1	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	10.5	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L, Zinc as Zn:0.05mg/L. **attached pesticides list.



Mack

**MackySuraliwala
Sr. Scientist**

Arun

**Dr. ArunBajpai
Lab Manager (Q)**

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0054 Issue Date : 11/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : HB-4 Down Stream

Description of Sample : Ground Water sample Date of Sampling : 01/02/2021 Sampling by : Pollucon Laboratories Pvt. Ltd. Sample Receipt Date : 02/02/2021 Packing/ Seal : Sealed Date of Starting of Test : 02/02/2021	Quantity/No. of Samples : 05 Lit./One Sampling Procedure : IS:3025 Protocol (purpose) : QC/Env. Monitoring Lab ID. : BL/2102/08 Test Parameters : As per table Date of Completion of Test : 11/02/2021
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.35	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	6.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	2571	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.56	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	1672	IS 3025 (Part-16) 2017
7	TOC	mg/L	6.2	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	34	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	516	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	478	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.29	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	438	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	152	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.94	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.084	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.069	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
MackySuraliwala
Sr. Scientist

Arun Bajpai
Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

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Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0054 Issue Date : 11/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **HB-4 Down Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.42	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	102	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	62.64	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	259	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	7.24	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	9.8	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L, Zinc as Zn:0.05mg/L. **attached pesticides list.

Mack

MackySuraliwala
Sr. Scientist

Arun Bajpai

Dr. ArunBajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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TEST REPORT

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Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0055 Issue Date : 11/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: EB-5 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 01/02/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 02/02/2021	Lab ID.	: BL/2102/09
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 02/02/2021	Date of Completion of Test	: 11/02/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.54	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	3642	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.61	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	7.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	2370	IS 3025 (Part-16) 2017
7	TOC	mg/L	6.4	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	32	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	612	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	403	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.28	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	912	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	162	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	2.13	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.075	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.14	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
MackySuraliwala
Sr. Scientist

Arun Bajpai
Dr. ArunBajpai
Lab Manager (Q)

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Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0055
	Issue Date :	11/02/2021
	Customer's Ref. :	W.O.No. 8520210010 Dated:06.04.2020

Sampling Location : **EB-5 Up Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.54	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	118	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	76.08	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	245	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	7.32	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	6.5	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L, Zinc as Zn:0.05mg/L. **attached pesticides list.

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0056 Issue Date : 11/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: HB-5 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 01/02/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 02/02/2021	Lab ID.	: BL/2102/10
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 02/02/2021	Date of Completion of Test	: 11/02/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.21	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	2952	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.69	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	1923	IS 3025 (Part-16) 2017
7	TOC	mg/L	6.8	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	29	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	516	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	432	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.65	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	470	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	168	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.32	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.093	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.085	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0056 Issue Date : 11/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: HB-5 Down Stream
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.42	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	82	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	74.64	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	332	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	9.4	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	8.3	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L, Zinc as Zn:0.05mg/L. **attached pesticides list.

Mack
MackySuraliwala
Sr. Scientist

Arun Bajpai
Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

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Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0057 Issue Date : 11/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **HB-6 Down Stream**

Description of Sample : Ground Water sample Date of Sampling : 01/02/2021 Sampling by : Pollucon Laboratories Pvt. Ltd. Sample Receipt Date : 02/02/2021 Packing/ Seal : Sealed Date of Starting of Test : 02/02/2021	Quantity/No. of Samples : 05 Lit./One Sampling Procedure : IS:3025 Protocol (purpose) : QC/Env. Monitoring Lab ID. : BL/2102/11 Test Parameters : As per table Date of Completion of Test : 11/02/2021
--	---

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.41	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	3014	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	1.76	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	1958	IS 3025 (Part-16) 2017
7	TOC	mg/L	7.1	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	35	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	612	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	464	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.82	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	436	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	161	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	2.29	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.085	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.073	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
MackySuraliwala
Sr. Scientist

Arun Bajpai
Dr. Arun Bajpai
Lab Manager (Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0057
	Issue Date :	11/02/2021
	Customer's Ref. :	W.O.No. 8520210010 Dated:06.04.2020

Sampling Location : **HB-6 Down Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.75	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	152	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	55.68	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	274	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	8.9	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	7.3	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L, Zinc as Zn:0.05mg/L. **attached pesticides list.

MackySuraliwala
Sr. Scientist

Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0058 Issue Date : 11/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: HB-7 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 01/02/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 02/02/2021	Lab ID.	: BL/2102/12
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 02/02/2021	Date of Completion of Test	: 11/02/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.29	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	4293	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.75	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	2793	IS 3025 (Part-16) 2017
7	TOC	mg/L	7.8	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	42	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	586	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	428	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	4.16	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	927	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	264	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.18	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.094	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.078	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0058
	Issue Date :	11/02/2021
	Customer's Ref. :	W.O.No. 8520210010 Dated:06.04.2020

Sampling Location : **HB-7 Down Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.64	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	140	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	56.64	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	301	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	9.56	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	8.93	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L, Zinc as Zn:0.05mg/L. **attached pesticides list.

**Macky Suraliwala
Sr. Scientist**

**Dr. Arun Bajpai
Lab Manager (Q)**

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TEST REPORT

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Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0059 Issue Date : 11/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: EB-9 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 01/02/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 02/02/2021	Lab ID.	: BL/2102/13
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 02/02/2021	Date of Completion of Test	: 11/02/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.12	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	5278	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.94	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	3432	IS 3025 (Part-16) 2017
7	TOC	mg/L	14	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	76	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	1234	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	408	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.35	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1128	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	234	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.86	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.065	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.18	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
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Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

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Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0059 Issue Date : 11/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **EB-9 Up Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.68	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	256	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	142	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	386	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	12.5	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	18.3	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L, Zinc as Zn:0.05mg/L. **attached pesticides list.

Mack

MackySuraliwala
Sr. Scientist

Arun

Dr. ArunBajpai
Lab Manager (Q)

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Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0060 Issue Date : 11/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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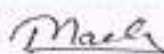
Sampling Location	: EB-10 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 01/02/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 02/02/2021	Lab ID.	: BL/2102/14
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 02/02/2021	Date of Completion of Test	: 11/02/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.12	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	7972	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	1.82	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	9.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	5186	IS 3025 (Part-16) 2017
7	TOC	mg/L	13.8	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	79	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	2183	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	319	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	4.26	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	2086	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	256	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	2.93	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.082	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.36	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B

Continue...



Macky Suraliwala
Sr. Scientist



Dr. Arun Bajpai
Lab Manager (Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0060
	Issue Date :	11/02/2021
	Customer's Ref. :	W.O.No. 8520210010 Dated:06.04.2020

Sampling Location : **EB-10 Up Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.75	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	438	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	261	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	324	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	19.5	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	15.6	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L, Zinc as Zn:0.05mg/L. **attached pesticides list.

**MackySuraliwala
Sr. Scientist**

**Dr. Arun Bajpai
Lab Manager (Q)**

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Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0061 Issue Date : 11/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: EB11
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 01/02/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 02/02/2021	Lab ID.	: BL/2102/15
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 02/02/2021	Date of Completion of Test	: 11/02/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.05	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	6812	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	11.3	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	7.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	4429	IS 3025 (Part-16) 2017
7	TOC	mg/L	8.5	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	83	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	2234	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	364	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.73	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1539	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	318	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	2.14	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.084	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.15	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
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Sr. Scientist

Arun Bajpai
Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0061 Issue Date : 11/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : EB11

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.52	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	468	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	255	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	102	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	13.6	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	16.3	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L, Zinc as Zn:0.05mg/L. **attached pesticides list.

MackySuraliwala
Sr. Scientist

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M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0062 Issue Date : 11/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: GNFC POND
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Description of Sample	: Surface Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 01/02/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 02/02/2021	Lab ID.	: BL/2102/17
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 02/02/2021	Date of Completion of Test	: 11/02/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.89	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	426	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.27	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	3.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	279	IS 3025 (Part-16) 2017
7	TOC	mg/L	Not Detected	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	Not Detected	APHA (23 rd Edition 2017) 5220 B Open Reflux M
9	Total Hardness	mg/L	86	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	112	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	0.64	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	70	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	11.8	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	86	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.024	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.053	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.



TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0062
	Issue Date :	11/02/2021
	Customer's Ref. :	W.O.No. 8520210010 Dated:06.04.2020

Sampling Location :	GNFC POND
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.31	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	18	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	9.84	IS 3025 (Part – 46) 2019 EDTA Method
29	Sodium as Na	mg/L	7.50	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	0.27	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	Not Detected	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, BOD : <0.1 mg/L, COD : <5 mg/L, TOC : <0.1 mg/L, Pesticides : 0.1 µg/L, Zinc as Zn:0.05mg/L. **attached pesticides list.

MackySuraliwala
Sr. Scientist

Dr. ArunBajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0063 Issue Date : 11/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: CM Tank
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 01/02/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 02/02/2021	Lab ID.	: BL/2102/20
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 02/02/2021	Date of Completion of Test	: 11/02/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.58	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	3190	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.83	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	4.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	2074	IS 3025 (Part-16) 2017
7	TOC	mg/L	9.3	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	28	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	598	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	553	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.56	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	802	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	275	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.43	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.096	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.18	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0063 Issue Date : 11/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **CM Tank**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.42	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	56	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	110	IS 3025 (Part – 46) 2019 EDTA Method
29	Sodium as Na	mg/L	298	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	6.34	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	5.2	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L, Zinc as Zn:0.05mg/L. **attached pesticides list.

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0064 Issue Date : 11/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: Jitali Navinagari
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 01/02/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 02/02/2021	Lab ID.	: BL/2102/19
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 02/02/2021	Date of Completion of Test	: 11/02/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.68	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	3.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	2436	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.92	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	1586	IS 3025 (Part-16) 2017
7	TOC	mg/L	3.1	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	17	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	593	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	546	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.15	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	306	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	147	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.39	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.053	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.27	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack

MackySuraliwala
Sr. Scientist

Arun

Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

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Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0064
	Issue Date :	11/02/2021
	Customer's Ref. :	W.O.No. 8520210010 Dated:06.04.2020

Sampling Location :	Jitali Navinagari
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.46	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	132	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	63.12	IS 3025 (Part – 46) 2019 EDTA Method
29	Sodium as Na	mg/L	410	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	12.6	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	3.5	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L, Zinc as Zn:0.05mg/L. **attached pesticides list.

**Macky Suraliwala
Sr. Scientist**

**Dr. Arun Bajpai
Lab Manager (Q)**

Note: This report is subject to terms & conditions mentioned overleaf.

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0065 Issue Date : 11/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: Jitali Gram Panchayat
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 01/02/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 02/02/2021	Lab ID.	: BL/2102/18
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 02/02/2021	Date of Completion of Test	: 11/02/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	8.02	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	5.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	2380	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.54	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	4.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	1552	IS 3025 (Part-16) 2017
7	TOC	mg/L	Not Detected	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	12	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	603	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	356	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.84	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	456	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	172	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	2.16	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.073	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.058	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
MackySuraliwala
Sr. Scientist

Arun Bajpai
Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0065
	Issue Date :	11/02/2021
	Customer's Ref. :	W.O.No. 8520210010 Dated:06.04.2020

Sampling Location :	Jitali Gram Panchayat
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.54	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	92	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	89.52	IS 3025 (Part – 46) 2019 EDTA Method
29	Sodium as Na	mg/L	268	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	11.4	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	Not Detected	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, TOC : <0.1 mg/L, Pesticides : 0.1 µg/L. Zinc as Zn:0.05mg/L. **attached pesticides list.

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0066 Issue Date : 11/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: GIDC POND
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Description of Sample	: Surface Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 01/02/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 02/02/2021	Lab ID.	: BL/2102/16
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 02/02/2021	Date of Completion of Test	: 11/02/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	8.03	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	438	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.48	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	286	IS 3025 (Part-16) 2017
7	TOC	mg/L	Not Detected	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	Not Detected	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	146	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	153	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	0.68	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	32	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	14	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	0.72	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.059	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.042	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
MackySuraliwala
Sr. Scientist

Arun Bajpai
Dr. ArunBajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.



TEST REPORT

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Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0066
	Issue Date :	11/02/2021
	Customer's Ref. :	W.O.No. 8520210010 Dated:06.04.2020

Sampling Location :	GIDC POND
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.13	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	32	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	15.84	IS 3025 (Part – 46) 2019 EDTA Method
29	Sodium as Na	mg/L	9.76	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	Not Detected	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	Not Detected	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Potassium : <0.1 mg/L, BOD : <0.1 mg/L, COD : <5 mg/L, TOC : <0.1 mg/L, Zinc as Zn:0.05mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

MackySuraliwala
Sr. Scientist

Dr. ArunBajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0111 Issue Date : 15/03/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: HB - 1 UP Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/03/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/03/2021	Lab ID.	: BL/2103/01
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/03/2021	Date of Completion of Test	: 15/03/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.08	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	8.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	5236	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.78	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	3543	IS 3025 (Part-16) 2017
7	TOC	mg/L	12.2	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	41	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	1456	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	462	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	1.54	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1396	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	162	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.44	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.077	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.082	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.38	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
MackySuraliwala
Sr. Scientist

Arun Bajpai
Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

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Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0111
	Issue Date :	15/03/2021
	Customer's Ref. :	W.O.No. 8520210010
		Dated:06.04.2020

Sampling Location : **HB - 1 UP Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.64	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	236	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	208	IS 3025 (Part – 46) 2019 EDTA Method
29	Sodium as Na	mg/L	357	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	16.6	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	8.6	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.



Mack

**MackySuraliwala
Sr. Scientist**

Arun

**Dr. ArunBajpai
Lab Manager (Q)**

Note: This report is subject to terms & conditions mentioned overleaf.

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Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0112 Issue Date : 15/03/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: HB-2 Down Stream (New)
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/03/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/03/2021	Lab ID.	: BL/2103/02
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/03/2021	Date of Completion of Test	: 15/03/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.44	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	5.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	2176	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.87	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	1436	IS 3025 (Part-16) 2017
7	TOC	mg/L	8.8	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	24	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	392	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	438	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.64	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	376	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	184	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.45	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.28	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.34	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.35	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0112
	Issue Date : 15/03/2021
	Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020

Sampling Location : HB-2 Down Stream (New)

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.42	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	118	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	23.28	IS 3025 (Part – 46) 2019 EDTA Method
29	Sodium as Na	mg/L	426	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	17.8	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	7.6	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

**MackySuraliwala
Sr. Scientist**

**Dr. Arun Bajpai
Lab Manager (Q)**

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TEST REPORT

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Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0113 Issue Date : 15/03/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: EB-3 Down Stream (New)
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/03/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/03/2021	Lab ID.	: BL/2103/03
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/03/2021	Date of Completion of Test	: 15/03/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.46	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	6.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	2198	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.44	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	7.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	1484	IS 3025 (Part-16) 2017
7	TOC	mg/L	10.4	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	26	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	494	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	418	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.62	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	356	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	195	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.28	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.082	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.070	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.096	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
MackySuraliwala
Sr. Scientist

Arun Bajpai
Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 2

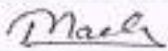
M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0113 Issue Date : 15/03/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
---	---

Sampling Location : EB-3 Down Stream (New)

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.74	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	96	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	60.96	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	322	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	15.8	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	12.2	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.



Macky Suraliwala
Sr. Scientist



Dr. Arun Bajpai
Lab Manager (Q)

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Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0114 Issue Date : 15/03/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: EB-4 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/03/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/03/2021	Lab ID.	: BL/2103/04
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/03/2021	Date of Completion of Test	: 15/03/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.1	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	8.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	5673	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.54	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	3894	IS 3025 (Part-16) 2017
7	TOC	mg/L	10.0	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	36	APHA (23 rd Edition 2017) 5220 B Open Reflux
9	Total Hardness	mg/L	2008	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	346	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.57	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1484	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	236	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	2.42	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.084	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.18	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.082	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
MackySuraliwala
Sr. Scientist

Arun Bajpai
Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0114 Issue Date : 15/03/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
---	---

Sampling Location : **EB-4 Up Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.54	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	432	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	223	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	264	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	14.8	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	7.62	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0115 Issue Date : 15/03/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: HB-4 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/03/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/03/2021	Lab ID.	: BL/2103/05
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/03/2021	Date of Completion of Test	: 15/03/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.46	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	7.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	2685	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	1.38	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	4.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	1718	IS 3025 (Part-16) 2017
7	TOC	mg/L	5.6	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	38	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	532	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	482	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.14	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	422	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	166	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.87	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.064	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.075	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.072	APHA (23 rd Edition 2017) 3111 B

Continue...

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Lab Manager (Q)

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TEST REPORT

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Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0115
	Issue Date : 15/03/2021
	Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020

Sampling Location : HB-4 Down Stream

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.49	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	96	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	70.08	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	231	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	4.7	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	9.3	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

**MackySuraliwala
Sr. Scientist**

**Dr. Arun Bajpai
Lab Manager (Q)**

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TEST REPORT

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Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0116 Issue Date : 15/03/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **EB-5 Up Stream**

Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/03/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/03/2021	Lab ID.	: BL/2103/06
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/03/2021	Date of Completion of Test	: 15/03/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.09	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	3368	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.64	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	2263	IS 3025 (Part-16) 2017
7	TOC	mg/L	4.4	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	31	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	648	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	424	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.44	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	927	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	173	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	2.28	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.081	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.11	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.066	APHA (23 rd Edition 2017) 3111 B

Continue...

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Sr. Scientist

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Lab Manager (Q)

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Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0116
	Issue Date :	15/03/2021
	Customer's Ref. :	W.O.No. 8520210010 Dated:06.04.2020

Sampling Location : **EB-5 Up Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.58	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	139	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	72	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	276	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	8.4	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	5.6	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0117 Issue Date : 15/03/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: HB-5 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/03/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/03/2021	Lab ID.	: BL/2103/07
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/03/2021	Date of Completion of Test	: 15/03/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.22	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	2763	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	1.10	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	1796	IS 3025 (Part-16) 2017
7	TOC	mg/L	5.4	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	28	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	524	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	418	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.36	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	426	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	171	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.40	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.078	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.094	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.082	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
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Sr. Scientist

Arun
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Lab Manager (Q)

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TEST REPORT

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Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0117 Issue Date : 15/03/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **HB-5 Down Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.47	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	102	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	64.56	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	305	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	7.2	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	6.3	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

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Sr. Scientist

Dr. ArunBajpai
Lab Manager (Q)

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M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0118 Issue Date : 15/03/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: HB-6 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/03/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/03/2021	Lab ID.	: BL/2103/08
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/03/2021	Date of Completion of Test	: 15/03/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.20	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	2657	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	1.93	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	1806	IS 3025 (Part-16) 2017
7	TOC	mg/L	10.7	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	29	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	624	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	428	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.06	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	408	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	192	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	2.16	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.068	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.084	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.10	APHA (23 rd Edition 2017) 3111 B

Continue...

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Customer's Name and Address :

Page: 2 of 2

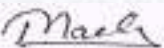
M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0118
	Issue Date :	15/03/2021
	Customer's Ref. :	W.O.No. 8520210010
		Dated:06.04.2020

Sampling Location : **HB-6 Down Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.42	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	109	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	84	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	262	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	5.8	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	8.6	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.


Macky Suraliwala
Sr. Scientist


Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0119 Issue Date : 15/03/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: HB-7 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/03/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/03/2021	Lab ID.	: BL/2103/09
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/03/2021	Date of Completion of Test	: 15/03/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.06	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	5.0	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	4965	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.78	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	2648	IS 3025 (Part-16) 2017
7	TOC	mg/L	8.6	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	41	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	628	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	458	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.88	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	902	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	292	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.21	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.088	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.092	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.11	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack

MackySuraliwala
Sr. Scientist

Arun

Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

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Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0119
	Issue Date :	15/03/2021
	Customer's Ref. :	W.O.No. 8520210010 Dated:06.04.2020

Sampling Location :	HB-7 Down Stream
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.72	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	146	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	63.12	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	286	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	8.4	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	9.8	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L, Zinc as Zn:0.05mg/L. **attached pesticides list.

**Macky Suraliwala
Sr. Scientist**

**Dr. Arun Bajpai
Lab Manager (Q)**

Note: This report is subject to terms & conditions mentioned overleaf.

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TEST REPORT

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Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0120 Issue Date : 15/03/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: EB-9 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/03/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/03/2021	Lab ID.	: BL/2103/10
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/03/2021	Date of Completion of Test	: 15/03/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.10	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	5180	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.38	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	3386	IS 3025 (Part-16) 2017
7	TOC	mg/L	16.8	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	64	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1278	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	386	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.82	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1146	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	194	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	1.56	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.052	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.22	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.032	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

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Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0120
	Issue Date : 15/03/2021
	Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020

Sampling Location : **EB-9 Up Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.78	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	190	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	192	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	410	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	16.4	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	20	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

**Macky Suraliwala
Sr. Scientist**

**Dr. Arun Bajpai
Lab Manager (Q)**

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TEST REPORT

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Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0121 Issue Date : 15/03/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: EB-10 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/03/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/03/2021	Lab ID.	: BL/2103/11
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/03/2021	Date of Completion of Test	: 15/03/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.01	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	7808	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	4.46	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	5097	IS 3025 (Part-16) 2017
7	TOC	mg/L	15.8	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	79	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	2278	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	354	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	4.57	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	2235	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	268	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	3.7	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.058	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.22	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.46	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0121 Issue Date : 15/03/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location : **EB-10 Up Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.68	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	532	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	228	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	338	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	24.8	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	14.8	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L, Zinc as Zn:0.05mg/L. **attached pesticides list.

Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager (Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0122 Issue Date : 15/03/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Sampling Location	: EB11
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/03/2021	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/03/2021	Lab ID.	: BL/2103/12
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/03/2021	Date of Completion of Test	: 15/03/2021

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.29	IS 3025 (Part – 11) 2017 Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4) 2017
3	Conductivity	µmhos/cm	6803	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	18	APHA (23 rd Edition 2017) 2130 B
5	Total Suspended Solids	mg/L	10	IS 3025 (Part – 17) 2017
6	Total Dissolved Solids	mg/L	4218	IS 3025 (Part-16) 2017
7	TOC	mg/L	12.8	APHA (23 rd Edition 2017) 5310 B
8	COD	mg/L	92	APHA (23 rd Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	2236	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	454	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.31	IS :3025 (Part-34) :1988 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1612	IS 3025 (Part – 32) 2019 Argentometric Method
13	Sulphates as SO ₄	mg/L	334	IS 3025 (Part-24) 2019
14	Nitrate	mg/L	2.28	APHA (23 rd Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	IS 3025 (Part-48) 2019
20	Nickel as Ni	mg/L	Not Detected	APHA (23 rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23 rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.074	APHA (23 rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.12	APHA (23 rd Edition 2017) 3111 B
25	Zinc as Zn	mg/L	0.056	APHA (23 rd Edition 2017) 3111 B

Continue...

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 2

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0122
	Issue Date :	15/03/2021
	Customer's Ref. :	W.O.No. 8520210010 Dated:06.04.2020

Sampling Location :	EB11
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.64	APHA (23 rd Edition 2017) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	446	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	269	IS 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	98	APHA (23 rd Edition 2017) 3111 B
30	Potassium as K	mg/L	15.8	APHA (23 rd Edition 2017) 3500 K B/ Flame Photometer
31	BOD	mg/L	19.6	IS 3025 (PART-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.

**MackySuraliwala
Sr. Scientist**

**Dr. ArunBajpai
Lab Manager (Q)**

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BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)
ANALYTICAL RESEARCH LABORATORY

TEST REPORT



NABL ACCREDITED LAB (TC-8141)

ISO 14001 & BS OHSAS 18001 Certified Laboratory

Page: 1 of 2

Barcode Id 6d5bc72870 Report No/Sample ID TC81415936184804 F Report Date 29-Oct-20

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-1)		
Sample Quantity:	25 ml	Sampling Date:	
Sampling Location:	Opposite Laboratory	Sample Received Date:	10-Oct-2020
Sample Collected By:	By BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	12-Oct-2020
Fuel:	---	Analysis Completion Date:	29-Oct-2020
Sampling Start Date & Time:	10/10/2020 10:00	Sample Type:	Air Sample
Sampling End Date & Time:	11/10/2020 10:00	Sampling Duration:	24 hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m3	56.73	100	IS : 5182 (PART- 23)-1999
2	PM 2.5	µg/m3	18.45	60	CPCB GUIDELINE - VOLUME-I
3	SULPHUR DIOXIDE	µg/m3	22.35	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m3	13.0	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m3	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m3	BDL	1.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M3	BDL	6	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M3	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
9	*BENZENE C6H6 (AIR)	µg/m3	BDL	5	IS:5182 (PART XI) 2006
10	*BENZOPYRENE (BAP) (AIR)	ng/M3	BDL	1	CPCB METHOD (VOL.I,MAY-2011)
11	*OZONE	µg/m3	BDL	180	IS : 5182 (PART-IX) 1974
12	*CO (AIR)	mg/m3	BDL	4	NDIR DIGITAL GAS ANALYZER.

* Parameters are not in NABL scope



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Barcode Id 6d5bc72870 Report No/Sample ID TC81415936184804 F Report Date 29-Oct-20

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Page: 1 of 2

Barcode Id 1e94d9772e Report No/Sample ID TC81415936184805 F Report Date 29-Oct-20

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-2)		
Sample Quantity:	25 ml	Sampling Date:	
Sampling Location:	Opposite of C6LW4	Sample Received Date:	10-Oct-2020
Sample Collected By:	By BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	12-Oct-2020
Fuel:	---	Analysis Completion Date:	29-Oct-2020
Sampling Start Date & Time:	10/10/2020 10:00	Sample Type:	Air Sample
Sampling End Date & Time:	11/10/2020 10:00	Sampling Duration:	24 hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m ³	50.4	100	IS : 5182 (PART- 23)-1999
2	PM 2.5	µg/m ³	20.80	60	CPCB GUIDELINE - VOLUME-I
3	SULPHUR DIOXIDE	µg/m ³	18.70	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m ³	12.73	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m ³	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m ³	BDL	1	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M ³	BDL	6.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M ³	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
9	*BENZENE C6H6 (AIR)	µg/m ³	BDL	5	IS:5182 (PART XI) 2006
10	*BENZOPYRENE (BAP) (AIR)	ng/M ³	BDL	1	CPCB METHOD (VOL.I,MAY-2011)
11	*OZONE	µg/m ³	BDL	180	IS : 5182 (PART-IX) 1974
12	*CO (AIR)	mg/m ³	BDL	4	NDIR DIGITAL GAS ANALYZER.

* Parameters are not in NABL scope



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Page: 1 of 2

Barcode Id f9566aa120 Report No/Sample ID TC81415936184806 F Report Date 29-Oct-20

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-3)		
Sample Quantity:	25 ml	Sampling Date:	
Sampling Location:	Behind Shed No.08	Sample Received Date:	10-Oct-2020
Sample Collected By:	By BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	12-Oct-2020
Fuel:	---	Analysis Completion Date:	29-Oct-2020
Sampling Start Date & Time:	10/10/2020 10:00	Sample Type:	Air Sample
Sampling End Date & Time:	11/10/2020 10:00	Sampling Duration:	24 hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m ³	52.80	100	IS : 5182 (PART- 23)-1999
2	PM 2.5	µg/m ³	21.97	60	CPCB GUIDELINE - VOLUME-I
3	SULPHUR DIOXIDE	µg/m ³	26.40	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m ³	10.69	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m ³	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m ³	BDL	1	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M ³	BDL	6	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M ³	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
9	*BENZENE C ₆ H ₆ (AIR)	µg/m ³	BDL	5	IS:5182 (PART XI) 2006
10	*BENZOPYRENE (BAP) (AIR)	ng/M ³	BDL	1	CPCB METHOD (VOL.I,MAY-2011)
11	*OZONE	µg/m ³	BDL	180	IS : 5182 (PART-IX) 1974
12	*CO (AIR)	mg/m ³	BDL	4	NDIR DIGITAL GAS ANALYZER.

* Parameters are not in NABL scope



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Barcode Id f9566aa120 Report No/Sample ID TC81415936184806 F Report Date 29-Oct-20

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Page: 1 of 2

Barcode Id a5147e6a74 Report No/Sample ID TC81415936185401 F Report Date 10-Nov-20

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-1)		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	Opposite Laboratory	Sample Received Date:	06-Nov-2020
Sample Collected By:	by BEIL	Sampling Procedure:	IS:5182
Packing Details:	--	Analysis Start Date:	06-Nov-2020
Fuel:	--	Analysis Completion Date:	10-Nov-2020
Sampling Start Date & Time:	05-11-2020 11:30	Sample Type:	Air Sample
Sampling End Date & Time:	06-11-2020 11:30	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m3	50.46	100	IS : 5182 (PART- 23)-1999
2	PM 2.5	µg/m3	15.06	60	CPCB GUIDELINE - VOLUME-I
3	SULPHUR DIOXIDE	µg/m3	11.43	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m3	8.34	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m3	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m3	BDL	1.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M3	BDL	6.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M3	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
9	*BENZENE C6H6 (AIR)	µg/m3	BDL	5	IS:5182 (PART XI) 2006
10	*BENZOPYRENE (BAP) (AIR)	ng/M3	BDL	1.0	CPCB METHOD (VOL.I,MAY-2011)
11	*OZONE	µg/m3	BDL	180	IS : 5182 (PART-IX) 1974
12	*CO (AIR)	mg/m3	BDL	4	NDIR DIGITAL GAS ANALYZER.

* Parameters are not in NABL scope



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Barcode Id a5147e6a74 Report No/Sample ID TC81415936185401 F Report Date 10-Nov-20

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Barcode Id f0e71c3707 Report No/Sample ID TC81415936185402 F Report Date 10-Nov-20

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-2)		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	Opposite of C6LW4	Sample Received Date:	06-Nov-2020
Sample Collected By:	by BEIL	Sampling Procedure:	IS:5182
Packing Details:	--	Analysis Start Date:	06-Nov-2020
Fuel:	--	Analysis Completion Date:	10-Nov-2020
Sampling Start Date & Time:	05-11-2020 12:00	Sample Type:	Air Sample
Sampling End Date & Time:	06-11-2020 12:00	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m3	53.96	100	IS : 5182 (PART- 23)-1999
2	PM 2.5	µg/m3	18.40	60	CPCB GUIDELINE - VOLUME-I
3	SULPHUR DIOXIDE	µg/m3	13.09	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m3	7.11	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m3	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m3	BDL	1.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M3	BDL	6.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M3	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
9	*BENZENE C6H6 (AIR)	µg/m3	BDL	5.0	IS:5182 (PART XI) 2006
10	*BENZOPYRENE (BAP) (AIR)	ng/M3	BDL	1.0	CPCB METHOD (VOL.I,MAY-2011)
11	*OZONE	µg/m3	BDL	180	IS : 5182 (PART-IX) 1974
12	*CO (AIR)	mg/m3	BDL	4.0	NDIR DIGITAL GAS ANALYZER.

* Parameters are not in NABL scope



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Barcode Id f0e71c3707 Report No/Sample ID TC81415936185402 F Report Date 10-Nov-20

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Page: 1 of 2

Barcode Id 22c781e737 Report No/Sample ID TC81415936185719 F Report Date 19-Nov-20

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-4)		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	Near Incineration Plant-2	Sample Received Date:	15-Nov-2020
Sample Collected By:	By BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	15-Nov-2020
Fuel:	---	Analysis Completion Date:	19-Nov-2020
Sampling Start Date & Time:	14-11-2020 15:30	Sample Type:	Air Sample
Sampling End Date & Time:	15-11-2020 15:30	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m ³	56.40	100	IS : 5182 (PART- 23)-1999
2	PM 2.5	µg/m ³	24.26	60	CPCB GUIDELINE - VOLUME-I
3	SULPHUR DIOXIDE	µg/m ³	7.65	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m ³	14.52	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m ³	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m ³	BDL	1	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M ³	BDL	6.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M ³	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
9	*BENZENE C ₆ H ₆ (AIR)	µg/m ³	BDL	5.0	IS:5182 (PART XI) 2006
10	*BENZOPYRENE (BAP) (AIR)	ng/M ³	BDL	1.0	CPCB METHOD (VOL.I,MAY-2011)
11	*OZONE	µg/m ³	BDL	180	IS : 5182 (PART-IX) 1974
12	*CO (AIR)	mg/m ³	BDL	4.0	NDIR DIGITAL GAS ANALYZER.

* Parameters are not in NABL scope



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Barcode Id 22c781e737 Report No/Sample ID TC81415936185719 F Report Date 19-Nov-20

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Page: 1 of 2

Barcode Id b1c027161b Report No/Sample ID TC81415936185403 F Report Date 10-Nov-20

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-3)		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	Behind Shed No.08	Sample Received Date:	06-Nov-2020
Sample Collected By:	by BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	06-Nov-2020
Fuel:	--	Analysis Completion Date:	10-Nov-2020
Sampling Start Date & Time:	05-11-2020 12:20	Sample Type:	Air Sample
Sampling End Date & Time:	06-11-2020 12:00	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m ³	51.76	100	IS : 5182 (PART- 23)-1999
2	PM 2.5	µg/m ³	16.84	60	CPCB GUIDELINE - VOLUME-I
3	SULPHUR DIOXIDE	µg/m ³	12.50	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m ³	7.25	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m ³	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m ³	BDL	1.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M ³	BDL	6.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M ³	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
9	*BENZENE C ₆ H ₆ (AIR)	µg/m ³	BDL	5.0	IS:5182 (PART XI) 2006
10	*BENZOPYRENE (BAP) (AIR)	ng/M ³	BDL	1.0	CPCB METHOD (VOL.I,MAY-2011)
11	*OZONE	µg/m ³	BDL	180	IS : 5182 (PART-IX) 1974
12	*CO (AIR)	mg/m ³	BDL	4.0	NDIR DIGITAL GAS ANALYZER.

* Parameters are not in NABL scope



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Barcode Id: b1c027161b Report No/Sample ID TC81415936185403 F Report Date 10-Nov-20

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Page: 1 of 2

Barcode Id b27d7c896f Report No/Sample ID TC81415936186180 F Report Date 10-Dec-20

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-1)		
Sample Quantity:	01	Sampling Date:	
Sampling Location:	Opposite Laboratory	Sample Received Date:	07-Dec-2020
Sample Collected By:	by BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	08-Nov-2020
Fuel:	--	Analysis Completion Date:	10-Dec-2020
Sampling Start Date & Time:	07-Dec-20 11:00	Sample Type:	Air Sample
Sampling End Date & Time:	08-Dec-20 11:00	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m3	50.66	100	IS : 5182 (PART- 23)-1999
2	PM 2.5	µg/m3	18.36	60	CPCB GUIDELINE - VOLUME-I
3	SULPHUR DIOXIDE	µg/m3	39.79	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m3	21.12	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m3	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m3	BDL	1	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M3	BDL	6	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M3	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
9	*BENZENE C6H6 (AIR)	µg/m3	BDL	5.0	IS:5182 (PART XI) 2006
10	*BENZOPYRENE (BAP) (AIR)	ng/M3	BDL	1.0	CPCB METHOD (VOL.I,MAY-2011)
11	*OZONE	µg/m3	2.15	180	IS : 5182 (PART-IX) 1974
12	*CO (AIR)	mg/m3	BDL	4.0	NDIR DIGITAL GAS ANALYZER.

* Parameters are not in NABL scope



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Barcode Id b27d7c896f Report No/Sample ID TC81415936186180 F Report Date 10-Dec-20

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Page: 1 of 2

Barcode Id - 3edaf246e4 Report No/Sample ID TC81415936186181 F Report Date 10-Dec-20

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-2)		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	Opposite of C6LW4	Sample Received Date:	07-Dec-2020
Sample Collected By:	by BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	08-Dec-2020
Fuel:	--	Analysis Completion Date:	10-Dec-2020
Sampling Start Date & Time:	07-Dec-20 11:00	Sample Type:	Air Sample
Sampling End Date & Time:	08-Dec-20 11:00	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m ³	52.88	100	IS : 5182 (PART- 23)-1999
2	PM 2.5	µg/m ³	19.68	60	CPCB GUIDELINE - VOLUME-I
3	SULPHUR DIOXIDE	µg/m ³	14.33	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m ³	26.23	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m ³	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m ³	BDL	1	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M ³	BDL	6	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M ³	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
9	*BENZENE C ₆ H ₆ (AIR)	µg/m ³	BDL	5	IS:5182 (PART XI) 2006
10	*BENZOPYRENE (BAP) (AIR)	ng/M ³	BDL	1.0	CPCB METHOD (VOL.I,MAY-2011)
11	*OZONE	µg/m ³	1.98	180	IS : 5182 (PART-IX) 1974
12	*CO (AIR)	mg/m ³	BDL	4	NDIR DIGITAL GAS ANALYZER.

* Parameters are not in NABL scope



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Barcode Id : 3edaf246e4 Report No/Sample ID TC81415936186181 F Report Date 10-Dec-20

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Page: 1 of 2

Barcode Id. 820195cce4 Report No/Sample ID TC81415936186182 F Report Date 10-Dec-20

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-3)		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	Behind Shed No.08	Sample Received Date:	07-Dec-2020
Sample Collected By:	by BEIL	Sampling Procedure:	IS:5182
Packing Details:	—	Analysis Start Date:	08-Dec-2020
Fuel:	null	Analysis Completion Date:	10-Dec-2020
Sampling Start Date & Time:	07-Dec-20 11:00	Sample Type:	Air Sample
Sampling End Date & Time:	08-Dec-20 11:00	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m ³	50.16	100	IS : 5182 (PART- 23)-1999
2	PM 2.5	µg/m ³	17.66	60	CPCB GUIDELINE - VOLUME-I
3	SULPHUR DIOXIDE	µg/m ³	25.36	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m ³	15.54	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m ³	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m ³	BDL	1	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M ³	BDL	6	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M ³	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
9	*BENZENE C ₆ H ₆ (AIR)	µg/m ³	BDL	5.0	IS:5182 (PART XI) 2006
10	*BENZOPYRENE (BAP) (AIR)	ng/M ³	BDL	1.0	CPCB METHOD (VOL.I,MAY-2011)
11	*OZONE	µg/m ³	3.06	180	IS : 5182 (PART-IX) 1974
12	*CO (AIR)	mg/m ³	BDL	4.0	NDIR DIGITAL GAS ANALYZER.

- Parameters are not in NABL scope



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Barcode Id 820195cce4 Report No/Sample ID TC81415936186182 F Report Date 10-Dec-20

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Page: 1 of 2

Barcode Id b27aa459a5 Report No/Sample ID TC81415936186273 F Report Date 10-Dec-20

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-4)		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	Near Incineration Plant-2	Sample Received Date:	10-Dec-2020
Sample Collected By:	by BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	08-Dec-2020
Fuel:	---	Analysis Completion Date:	10-Dec-2020
Sampling Start Date & Time:	07-Dec-20 17:00	Sample Type:	Air Sample
Sampling End Date & Time:	08-Dec-20 17:00	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m ³	54.70	100	IS : 5182 (PART- 23)-1999
2	PM 2.5	µg/m ³	20.80	60	CPCB GUIDELINE - VOLUME-I
3	SULPHUR DIOXIDE	µg/m ³	22.99	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m ³	13.20	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m ³	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m ³	BDL	1	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M ³	BDL	6	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M ³	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
9	*BENZENE C ₆ H ₆ (AIR)	µg/m ³	BDL	5.0	IS:5182 (PART XI) 2006
10	*BENZOPYRENE (BAP) (AIR)	ng/M ³	BDL	1.0	CPCB METHOD (VOL.I,MAY-2011)
11	*OZONE	µg/m ³	2.60	180	IS : 5182 (PART-IX) 1974
12	*CO (AIR)	mg/m ³	BDL	4.0	NDIR DIGITAL GAS ANALYZER.

* Parameters are not in NABL scope



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Page: 2 of 2

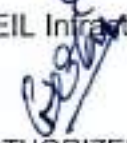
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Page: 1 of 2

Barcode Id e24413f20a Report No/Sample ID TC814121000000005F Report Date 07-Jan-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-1)		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	Opposite Laboratory	Sample Received Date:	05-Jan-2021
Sample Collected By:	by BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	06-Jan-2021
Fuel:	---	Analysis Completion Date:	07-Jan-2021
Sampling Start Date & Time:	05-jan-21	Sample Type:	Air Sample
Sampling End Date & Time:	06-jan-21	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m ³	65.65	100	SOP/AIR/001 ISSUE NO. 01 DATE- 25/01/2018
2	PM 2.5	µg/m ³	31.54	60	SOP/AIR/001 ISSUE NO. 01- DATE 25/01/2018 (GRAVIMETRIC METHOD)
3	SULPHUR DIOXIDE	µg/m ³	3.66	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m ³	6.67	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m ³	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m ³	BDL	1	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M ³	BDL	6	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M ³	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
9	*BENZENE C ₆ H ₆ (AIR)	µg/m ³	BDL	5.0	IS:5182 (PART XI) 2006
10	*BENZOPYRENE (BAP) (AIR)	ng/M ³	BDL	1.0	CPCB METHOD (VOL.I, MAY-2011)
11	*OZONE	µg/m ³	2.20	180	IS : 5182 (PART-IX) 1974
12	*CO (AIR)	mg/m ³	BDL	4.0	NDIR DIGITAL GAS ANALYZER.



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TC-0141

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Barcode Id e24413f20a Report No/Sample ID TC814121000000005F Report Date 07-Jan-21


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Barcode Id cbd684ed4e Report No/Sample ID TC81412100000006F Report Date 07-Jan-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-2)		
Sample Quantity:	25 ml	Sampling Date:	
Sampling Location:	Opposite of C6LW4	Sample Received Date:	05-Jan-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	06-Jan-2021
Fuel:	--	Analysis Completion Date:	07-Jan-2021
Sampling Start Date & Time:	05-jan-21	Sample Type:	Air Sample
Sampling End Date & Time:	06-jan-21	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m3	70.20	100	SOP/AIR/001 ISSUE NO. 01 DATE-25/01/2018
2	PM 2.5	µg/m3	30.87	60	SOP/AIR/001 ISSUE NO. 01- DATE 25/01/2018 (GRAVIMETRIC METHOD)
3	SULPHUR DIOXIDE	µg/m3	3.10	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m3	16.30	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m3	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m3	BDL	1	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M3	BDL	6	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M3	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
9	*BENZENE C6H6 (AIR)	µg/m3	BDL	5.0	IS:5182 (PART XI) 2006
10	*BENZOPYRENE (BAP) (AIR)	ng/M3	BDL	1.0	CPCB METHOD (VOL.I,MAY-2011)
11	*OZONE	µg/m3	2.31	180	IS : 5182 (PART-IX) 1974
12	*CO (AIR)	mg/m3	BDL	4.0	NDIR DIGITAL GAS ANALYZER.



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Barcode Id: cbd684ed4e Report No/Sample ID: TC814121000000006F Report Date: 07-Jan-21

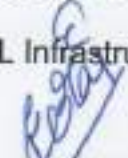
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Page: 1 of 2

Barcode Id 499ce5095b Report No/Sample ID TC814121000000007F Report Date 07-Jan-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-3)		
Sample Quantity:	25 ml	Sampling Date:	
Sampling Location:	Behind Shed No.08	Sample Received Date:	05-Jan-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	06-Jan-2021
Fuel:	--	Analysis Completion Date:	07-Jan-2021
Sampling Start Date & Time:	05-jan-21	Sample Type:	Air Sample
Sampling End Date & Time:	06-jan-21	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m3	60.84	100	SOP/AIR/001 ISSUE NO. 01 DATE-25/01/2018
2	PM 2.5	µg/m3	27.87	60	SOP/AIR/001 ISSUE NO. 01- DATE 25/01/2018 (GRAVIMETRIC METHOD)
3	SULPHUR DIOXIDE	µg/m3	8.02	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m3	11.06	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m3	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m3	BDL	1	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M3	BDL	6	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M3	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
9	*BENZENE C6H6 (AIR)	µg/m3	BDL	5.0	IS:5182 (PART XI) 2006
10	*BENZOPYRENE (BAP) (AIR)	ng/M3	BDL	1.0	CPCB METHOD (VOL.I,MAY-2011)
11	*OZONE	µg/m3	1.76	180	IS : 5182 (PART-IX) 1974
12	*CO (AIR)	mg/m3	BDL	4.0	NDIR DIGITAL GAS ANALYZER.



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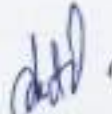
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Barcode Id 499ce5095b Report No/Sample ID TC814121000000007F Report Date 07-Jan-21

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Page: 1 of 2

Barcode Id c63c46aec2 Report No/Sample ID TC814121000000008F Report Date 07-Jan-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-4)		
Sample Quantity:	25 ml	Sampling Date:	
Sampling Location:	Near Incineration Plant-2	Sample Received Date:	05-Jan-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	06-Jan-2021
Fuel:	--	Analysis Completion Date:	07-Jan-2021
Sampling Start Date & Time:	05-jan-21	Sample Type:	Air Sample
Sampling End Date & Time:	06-jan-21	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m3	67.80	100	SOP/AIR/001 ISSUE NO. 01 DATE-25/01/2018
2	PM 2.5	µg/m3	31.99	60	SOP/AIR/001 ISSUE NO. 01- DATE 25/01/2018 (GRAVIMETRIC METHOD)
3	SULPHUR DIOXIDE	µg/m3	9.03	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m3	13.73	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m3	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m3	BDL	1	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M3	BDL	6	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M3	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
9	*BENZENE C6H6 (AIR)	µg/m3	BDL	5.0	IS:5182 (PART XI) 2008
10	*BENZOPYRENE (BAP) (AIR)	ng/M3	BDL	1.0	CPCB METHOD (VOL.I,MAY-2011)
11	*OZONE	µg/m3	2.91	180	IS : 5182 (PART-IX) 1974
12	*CO (AIR)	mg/m3	BDL	4.0	NDIR DIGITAL GAS ANALYZER.



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Barcode Id c63c46aec2 Report No/Sample ID TC814121000000008F Report Date 07-Jan-21

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Page: 1 of 2

Barcode Id aec987622e Report No/Sample ID TC814121000000370F Report Date 18-Feb-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-1) (NABL)		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	Opposite Laboratory	Sample Received Date:	16-Feb-2021
Sample Collected By:	by BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	17-Feb-2021
Fuel:	---	Analysis Completion Date:	18-Feb-2021
Sampling Start Date & Time:	15-Feb-21 16:10	Sample Type:	Air Sample
Sampling End Date & Time:	16-Feb-21 16:10	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m3	68.98	100	SOP/AIR/001 ISSUE NO. 01 DATE-25/01/2018
2	PM 2.5	µg/m3	28.14	60	SOP/AIR/001 ISSUE NO. 01- DATE 25/01/2018 (GRAVIMETRIC METHOD)
3	SULPHUR DIOXIDE	µg/m3	6.02	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m3	15.12	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m3	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m3	BDL	1.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M3	BDL	6.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M3	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)



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Page: 2 of 2

Barcode Id aec987622e Report No/Sample ID TC814121000000370F Report Date 18-Feb-21

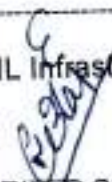
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Page: 1 of 1

Barcode Id dc143b01a7

Report No/Sample ID 5936187793 Report Date 18-Feb-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-1) (NON-NABL)		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	Opposite Laboratory	Sample Received Date:	16-Feb-2021
Sample Collected By:	by BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	17-Feb-2021
Fuel:	---	Analysis Completion Date:	18-Feb-2021
Sampling Start Date & Time:	15-Feb-21 16:10	Sample Type:	Air Sample
Sampling End Date & Time:	16-Feb-21 16:10	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	BENZENE C6H6 (AIR)	µg/m3	BDL	5.0	IS:5182 (PART XI) 2006
2	BENZOPYRENE (BAP) (AIR)	ng/M3	BDL	1.0	CPCB METHOD (VOL.I, MAY-2011)
3	OZONE	µg/m3	2.41	180	IS: 5182 (PART-IX) 1974
4	CO (AIR)	mg/m3	BDL	4.0	NDIR DIGITAL GAS ANALYZER.


Remarks:

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


ANALYSED BY


VERIFIED BY

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM



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Page: 1 of 2

Barcode Id 39743f373f Report No/Sample ID TC814121000000371F Report Date 18-Feb-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-2) (NABL)		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	Opposite of C6LW4	Sample Received Date:	16-Feb-2021
Sample Collected By:	by BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	17-Feb-2021
Fuel:	---	Analysis Completion Date:	18-Feb-2021
Sampling Start Date & Time:	15-Feb-21 17:30	Sample Type:	Air Sample
Sampling End Date & Time:	16-Feb-21 17:30	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m ³	71.57	100	SOP/AIR/001 ISSUE NO. 01 DATE-25/01/2018
2	PM 2.5	µg/m ³	28.90	60	SOP/AIR/001 ISSUE NO. 01- DATE 25/01/2018 (GRAVIMETRIC METHOD)
3	SULPHUR DIOXIDE	µg/m ³	8.65	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m ³	14.60	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m ³	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m ³	BDL	1.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M ³	BDL	6.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M ³	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)



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Page: 2 of 2

Barcode Id :39743f373f Report No/Sample ID TC814121000000371F Report Date 18-Feb-21


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Page: 1 of 1

Barcode Id f08f6bea8e

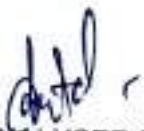
Report No/Sample ID 5936187794 Report Date 18-Feb-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist.: Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-2) (NON-NABL)		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	Opposite of C6LW4	Sample Received Date:	16-Feb-2021
Sample Collected By:	by BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	17-Feb-2021
Fuel:	--	Analysis Completion Date:	18-Feb-2021
Sampling Start Date & Time:	15-Feb-21 17:30	Sample Type:	Air Sample
Sampling End Date & Time:	16-Feb-21 17:30	Sampling Duration:	24:00 Hrs.


Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	BENZENE C6H6 (AIR)	µg/m3	BDL	5.0	IS:5182 (PART XI) 2006
2	BENZOPYRENE (BAP) (AIR)	ng/M3	BDL	1.0	CPCB METHOD (VOL.I, MAY-2011)
3	OZONE	µg/m3	2.24	180	IS: 5182 (PART-IX) 1974
4	CO (AIR)	mg/m3	BDL	4.0	NDIR DIGITAL GAS ANALYZER.

Remarks:

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AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM



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Page: 1 of 2

Barcode Id 1089af3e96 Report No/Sample ID TC814121000000372F Report Date 18-Feb-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-3) (NABL)		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	Behind Shed No.08	Sample Received Date:	16-Feb-2021
Sample Collected By:	by BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	17-Feb-2021
Fuel:	---	Analysis Completion Date:	18-Feb-2021
Sampling Start Date & Time:	15-Feb-21 17:00	Sample Type:	Air Sample
Sampling End Date & Time:	16-Feb-21 17:00	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m3	66.53	100	SOP/AIR/001 ISSUE NO. 01 DATE-25/01/2018
2	PM 2.5	µg/m3	22.60	60	SOP/AIR/001 ISSUE NO. 01- DATE 25/01/2018 (GRAVIMETRIC METHOD)
3	SULPHUR DIOXIDE	µg/m3	4.01	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m3	6.27	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m3	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m3	BDL	1.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M3	BDL	6.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M3	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)



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Barcode Id 1089af3e96 Report No/Sample ID TC814121000000372F Report Date 18-Feb-21

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Page: 1 of 1

Barcode Id. 9a2fa0ced6

Report No/Sample ID 5936187795 Report Date 18-Feb-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist.: Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-3) (NON-NABL)		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	Behind Shed No.08	Sample Received Date:	16-Feb-2021
Sample Collected By:	by BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	17-Feb-2021
Fuel:	---	Analysis Completion Date:	18-Feb-2021
Sampling Start Date & Time:	15-Feb-21 17:00	Sample Type:	Air Sample
Sampling End Date & Time:	16-Feb-21 17:00	Sampling Duration:	24:00 Hrs.

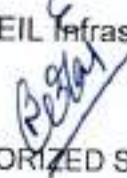
Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	BENZENE C ₆ H ₆ (AIR)	µg/m ³	BDL	5.0	IS:5182 (PART XI) 2006
2	BENZOPYRENE (BAP) (AIR)	ng/M ³	BDL	1.0	CPCB METHOD (VOL.I, MAY-2011)
3	OZONE	µg/m ³	1.96	180	IS: 5182 (PART-IX) 1974
4	CO (AIR)	mg/m ³	BDL	4.0	NDIR DIGITAL GAS ANALYZER.

Remarks:

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MR. SATHISHKUMAR GADDAM



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Page: 1 of 2

Barcode Id 6e6c60db78 Report No/Sample ID TC814121000000373F Report Date 18-Feb-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-4) (NABL)		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	Near Incineration Plant-2	Sample Received Date:	16-Feb-2021
Sample Collected By:	by BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	17-Feb-2021
Fuel:	---	Analysis Completion Date:	18-Feb-2021
Sampling Start Date & Time:	15-Feb-21 16:45	Sample Type:	Air Sample
Sampling End Date & Time:	16-Feb-21 16:45	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m ³	70.30	100	SOP/AIR/001 ISSUE NO. 01 DATE-25/01/2018
2	PM 2.5	µg/m ³	30.76	60	SOP/AIR/001 ISSUE NO. 01- DATE 25/01/2018 (GRAVIMETRIC METHOD)
3	SULPHUR DIOXIDE	µg/m ³	7.01	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m ³	12.13	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m ³	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m ³	BDL	1.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M ³	BDL	6.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M ³	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)



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Page: 2 of 2

Barcode Id: 6e6c60db78 Report No/Sample ID: TC814121000000373F Report Date: 18-Feb-21

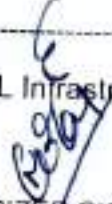
Remarks:

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


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For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM



BEIL INFRASTRUCTURE LIMITED

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Page: 1 of 1

Barcode Id 247d25d787

Report No/Sample ID 5936187796 Report Date 18-Feb-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist.: Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-4) (NON NABL)		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	Near Incineration Plant-2	Sample Received Date:	16-Feb-2021
Sample Collected By:	by BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	17-Feb-2021
Fuel:	---	Analysis Completion Date:	18-Feb-2021
Sampling Start Date & Time:	15-Feb-21 16:45	Sample Type:	Air Sample
Sampling End Date & Time:	16-Feb-21 16:45	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	BENZENE C6H6 (AIR)	µg/m3	BDL	5.0	IS:5182 (PART XI) 2006
2	BENZOPYRENE (BAP) (AIR)	ng/M3	BDL	1.0	CPCB METHOD (VOL.I, MAY-2011)
3	OZONE	µg/m3	2.84	180	IS: 5182 (PART-IX) 1974
4	CO (AIR)	mg/m3	BDL	4.0	NDIR DIGITAL GAS ANALYZER.


Remarks:

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


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For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM



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Page: 1 of 2

Barcode Id Qbdaaaa498 Report No/Sample ID TC814121000000628F Report Date 08-Mar-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-1) (NABL)		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	Opposite Laboratory	Sample Received Date:	02-Mar-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	03-Mar-2021
Fuel:	---	Analysis Completion Date:	08-Mar-2021
Sampling Start Date & Time:	01-March-21 10:45	Sample Type:	Air Sample
Sampling End Date & Time:	02-March-21 10:45	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m ³	80.21	100	SOP/AIR/001 ISSUE NO. 01 DATE-25/01/2018
2	PM 2.5	µg/m ³	28.44	60	CPCB GUIDELINE 2 VOLUME-I
3	SULPHUR DIOXIDE	µg/m ³	5.03	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m ³	5.75	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m ³	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m ³	BDL	1	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M ³	BDL	6	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M ³	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)



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Barcode Id .0bdaaaa498 Report No/Sample ID TC814121000000628F Report Date 08-Mar-21

Remarks:

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Page: 1 of 1

Barcode Id faaea6b272 Report No/Sample ID 5936187969 Report Date 08-Mar-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-1) (NON-NABL)		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	Opposite Laboratory	Sample Received Date:	02-Mar-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	03-Mar-2021
Fuel:	--	Analysis Completion Date:	08-Mar-2021
Sampling Start Date & Time:	01-March-21 11:00	Sample Type:	Air Sample
Sampling End Date & Time:	02-March-21 11:00	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	BENZENE C ₆ H ₆ (AIR)	µg/m ³	BDL	5.0	IS:5182 (PART XI) 2006
2	BENZOPYRENE (BAP) (AIR)	ng/m ³	BDL	1.0	CPCB METHOD (VOL.I,MAY-2011)
3	OZONE	µg/m ³	2.38	180	IS : 5182 (PART-IX) 1974
4	CO (AIR)	mg/m ³	BDL	4.0	NDIR DIGITAL GAS ANALYZER.

Remarks:

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

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AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM



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Barcode Id 38304abcf4

Report No/Sample ID TC814121000000580F

Report Date 08-Mar-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-2) (NABL)		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	Opposite of C6LW4	Sample Received Date:	02-Mar-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	03-Mar-2021
Fuel:	---	Analysis Completion Date:	08-Mar-2021
Sampling Start Date & Time:	01-March-21 10:45	Sample Type:	Air Sample
Sampling End Date & Time:	02-March-21 10:45	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m ³	84.52	100	SOP/AIR/001 ISSUE NO. 01 DATE-25/01/2018
2	PM 2.5	µg/m ³	30.60	60	CPCB GUIDELINE VOLUME-I
3	SULPHUR DIOXIDE	µg/m ³	8.91	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m ³	10.73	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA	µg/m ³	BDL	400	APHA801 AIR SAMPLING& ANALYSIS)
6	ARSENIC AS AS	ng/M ³	BDL	6.0	IS 5182 (PART 22) 2004 ISSUE NO (01-25/01/2018)
7	LEAD AS PB	µg/m ³	BDL	1	IS 5182 (PART 22) 2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M ³	BDL	20	IS 5182 (PART 22) 2004 ISSUE NO.(01-25/01/2018)



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Barcode Id 38304abcf4

Report No/Sample ID TC814121000000580F

Report Date 08-Mar-21

Remarks:

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Page: 1 of 1

Barcode Id 5753b43717 Report No/Sample ID 5936187970 Report Date 08-Mar-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-2) (NON NABL)		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	Opposite of C6LW4	Sample Received Date:	02-Mar-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	03-Mar-2021
Fuel:	--	Analysis Completion Date:	08-Mar-2021
Sampling Start Date & Time:	01-March-21 10:45	Sample Type:	Air Sample
Sampling End Date & Time:	02-March-21 10:45	Sampling Duration:	24.00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	BENZENE C6H6 (AIR)	µg/m3	BDL	5.0	IS:5182 (PART XI) 2006
2	BENZOPYRENE (BAP) (AIR)	ng/M3	BDL	1.0	CPCB METHOD (VOL.I,MAY-2011)
3	OZONE	µg/m3	2.28	180	IS : 5182 (PART-IX) 1974
4	CO (AIR)	mg/m3	BDL	4.0	NDIR DIGITAL GAS ANALYZER.

Remarks:

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For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM



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Page: 1 of 2

Barcode Id fcee204654 Report No/Sample ID TC814121000000581F Report Date 08-Mar-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-3) (NABL)		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	Behind Shed No.08	Sample Received Date:	02-Mar-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	03-Mar-2021
Fuel:	---	Analysis Completion Date:	08-Mar-2021
Sampling Start Date & Time:	01-March-21 11:15	Sample Type:	Air Sample
Sampling End Date & Time:	02-March-21 11:15	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m3	76.49	100	SOP/AIR/001 ISSUE NO. 01 DATE-25/01/2018
2	PM 2.5	µg/m3	20.60	60	CPCB GUIDELINE VOLUME-I
3	SULPHUR DIOXIDE	µg/m3	4.53	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m3	7.71	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m3	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m3	BDL	1.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M3	BDL	6	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M3	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)



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Page: 2 of 2

Barcode Id fcee204654 Report No/Sample ID TC814121000000581F Report Date 08-Mar-21

Remarks:

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


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AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM



BEIL INFRASTRUCTURE LIMITED

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Barcode Id 2fab571256 Report No/Sample ID 5936187971 Report Date 08-Mar-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-3) (NON NABL)		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	Behind Shed No.08	Sample Received Date:	02-Mar-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	03-Mar-2021
Fuel:	--	Analysis Completion Date:	08-Mar-2021
Sampling Start Date & Time:	01-March-21 11:15	Sample Type:	Air Sample
Sampling End Date & Time:	02-March-21 11:15	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	BENZENE C6H6 (AIR)	µg/m3	BDL	5.0	IS:5182 (PART XI) 2006
2	BENZOPYRENE (BAP) (AIR)	ng/M3	BDL	1.0	CPCB METHOD (VOL.I,MAY-2011)
3	OZONE	µg/m3	2.08	180	IS : 5182 (PART-IX) 1974
4	CO (AIR)	mg/m3	BDL	4.0	NDIR DIGITAL GAS ANALYZER.

Remarks:

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For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM



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Barcode Id e4b01c7031 Report No/Sample ID TC814121000000582F Report Date 08-Mar-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-4) (NABL)		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	Near Incineration Plant-2	Sample Received Date:	02-Mar-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	03-Mar-2021
Fuel:	---	Analysis Completion Date:	08-Mar-2021
Sampling Start Date & Time:	01-March-21 11:30	Sample Type:	Air Sample
Sampling End Date & Time:	02-March-21 11:30	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m ³	87.53	100	SOP/AIR/001 ISSUE NO. 01 DATE-25/01/2018
2	PM 2.5	µg/m ³	38.91	60	CPCB GUIDELINE VOLUME-I
3	SULPHUR DIOXIDE	µg/m ³	6.98	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m ³	9.20	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m ³	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m ³	BDL	1	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M ³	BDL	6	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M ³	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)



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Barcode Id . e4b01c7031

Report No/Sample ID TC814121000000582F

Report Date 08-Mar-21

Remarks:

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MR. SATHISHKUMAR GADDAM



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Page: 1 of 1

Barcode Id f857233d0b Report No/Sample ID 5936187972 Report Date 08-Mar-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-4) (NON NABL)		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	Near Incineration Plant-2	Sample Received Date:	02-Mar-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:5182
Packing Details:	---	Analysis Start Date:	03-Mar-2021
Fuel:	---	Analysis Completion Date:	08-Mar-2021
Sampling Start Date & Time:	01-March-21 11:30	Sample Type:	Air Sample
Sampling End Date & Time:	02-March-21 11:30	Sampling Duration:	24:00 Hrs.


Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	BENZENE C6H6 (AIR)	µg/m3	BDL	5.0	IS:5182 (PART XI) 2006
2	BENZOPYRENE (BAP) (AIR)	ng/M3	BDL	1.0	CPCB METHOD (VOL.I,MAY-2011)
3	OZONE	µg/m3	2.33	180	IS : 5182 (PART-IX) 1974
4	CO (AIR)	mg/m3	BDL	4.0	NDIR DIGITAL GAS ANALYZER.

Remarks:

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For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM



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Page: 1 of 1

Barcode Id .2399388d7e Report No/Sample ID TC814121000000597F Report Date 08-Mar-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	Stack Plant-1(Final Stack) (NABL)		
Sample Quantity:	25 ml	Sampling Date:	
Sampling Location:	Incinerator Plant-1	Sample Received Date:	05-Mar-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:11255
Packing Details:	---	Analysis Start Date:	06-Mar-2021
Fuel:	---	Analysis Completion Date:	08-Mar-2021
Sampling Start Date & Time:	05-Mar-21 16:00	Sample Type:	Stack Emission Sample
Sampling End Date & Time:	05-Mar-21 16:30	Sampling Duration:	00:30 hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	STACK TEMP	dC	74	--	IS:11255(PART-3), 2008
2	STACK VELOCITY	m/sec	5.08	--	IS 11255 (PART 3): 2008
3	PARTICULATE MATTER(PM)	mg/Nm ³	31.32	50	IS: 11255 (PART - 1), 1985 (REAFFIRMED 1999)
4	SO ₂	mg/Nm ³	9.83	200	IS: 11255 (PART -2), 1985 (REAFFIRMED 2003)
5	NOX	mg/Nm ³	18.55	400	IS:11255(P-7),2005
6	H ₂ S	mg/Nm ³	BDL	50	IS: 11255(P-4), 1985

Remarks:

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

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Barcode Id 0924bbb431 Report No/Sample ID 5936188002 Report Date 08-Mar-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	Stack Plant-1(Final Stack) (NON NABL)		
Sample Quantity:	25 ml	Sampling Date:	
Sampling Location:	Incinerator Plant-1	Sample Received Date:	05-Mar-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:11255
Packing Details:	---	Analysis Start Date:	08-Mar-2021
Fuel:	---	Analysis Completion Date:	08-Mar-2021
Sampling Start Date & Time:	05-Mar-21 16:00	Sample Type:	Stack Emission Sample
Sampling End Date & Time:	05-Mar-21 16:30	Sampling Duration:	00:30 hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	AMMONIA (STACK)	mg/Nm ³	BDL	175	IS 11255 (PART 6)-1999
2	HCL	mg/Nm ³	8.81	50	USEPA -0050

Remarks:

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


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For BEIL Infrastructure Ltd.

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MR. SATHISHKUMAR GADDAM

TEST CERTIFICATE

QF/7.8/37-AQ

Customer's Name and Address :

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M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0261 Issue Date : 12/10/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
---	---

Location of Sampling	: Nr. Lab	Sampling Procedure	: As per table
Date of Sampling	: 02/10/2020	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BL/2010/12 [A-M]
Sample Receipt Date	: 03/10/2020	Date of Completion of Test	: 09/10/2020
Date of Starting of Test	: 03/10/2020		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [®]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	64.6	100	IS 5182 (Part-23) 2017
2	Particulate Matter (PM _{2.5})	µg/m ³	35.4	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	10.5	80	IS 5182 (Part-2) 2017
4	Oxides of Nitrogen as NO ₂	µg/m ³	28.8	80	IS 5182 (Part-6) 2017
5	Ozone (O ₃) [§]	µg/m ³	23.6	180	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
6	Carbon Monoxide as CO	mg/m ³	0.86	04	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	25.6	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part-11) 2017
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	2.42	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	9.4	NS*	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	0.31	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	20.6	NS*	USEPA 26A:1996
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part-19) 2014
16	Hydrogen Sulphide as H ₂ S	µg/m ³	14.6	NS*	IS 5182 (Part-7) 2014

Below Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 15 µg/m³, Hydrogen Sulphide as H₂S: 6.0 µg/m³.

@Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified,


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

**TEST CERTIFICATE**

QF/7.8/37-AQ

Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0262
	Issue Date :	12/10/2020
	Customer's Ref. :	W.O.No. 8520210010 Dated:06.04.2020

Location of Sampling :	Opposite Side Of Phase-2 LW		
Date of Sampling :	02/10/2020	Sampling Procedure :	As per table
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) :	Ambient Air Quality Monitoring
Sample Receipt Date :	03/10/2020	Lab ID :	BL/2010/13 [A-M]
Date of Starting of Test :	03/10/2020	Date of Completion of Test :	09/10/2020

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	58.3	100	IS 5182 (Part-23) 2017
2	Particulate Matter (PM _{2.5})	µg/m ³	38.9	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	12.1	80	IS 5182 (Part-2) 2017
4	Oxides of Nitrogen as NO ₂	µg/m ³	18.7	80	IS 5182 (Part-6) 2017
5	Ozone (O ₃) [§]	µg/m ³	13.4	180	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
6	Carbon Monoxide as CO	mg/m ³	0.54	04	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	20.6	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part-11) 2017
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	2.36	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	7.2	NS*	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	0.42	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	16.4	NS*	USEPA 26A:1996
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part-19) 2014
16	Hydrogen Sulphide as H ₂ S	µg/m ³	12.4	NS*	IS 5182 (Part-7) 2014

Below Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 15 µg/m³, Hydrogen Sulphide as H₂S: 6.0 µg/m³.

@Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified,


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager (Q)

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE

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Customer's Name and Address :

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M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0263 Issue Date : 12/10/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
---	---

Location of Sampling	: Near Shed No.10	Sampling Procedure	: As per table
Date of Sampling	: 02/10/2020	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BL/2010/14 [A-M]
Sample Receipt Date	: 03/10/2020	Date of Completion of Test	: 09/10/2020
Date of Starting of Test	: 03/10/2020		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [®]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	59.5	100	IS 5182 (Part-23) 2017
2	Particulate Matter (PM _{2.5})	µg/m ³	43.9	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	17.4	80	IS 5182 (Part-2) 2017
4	Oxides of Nitrogen as NO ₂	µg/m ³	33.1	80	IS 5182 (Part-6) 2017
5	Ozone (O ₃) [§]	µg/m ³	28.4	180	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
6	Carbon Monoxide as CO	mg/m ³	0.92	04	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	39.8	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	2.42	NS*	IS 5182 (Part-11) 2017
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	0.56	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	2.92	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	10.3	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	0.52	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	28.3	NS*	USEPA 26A:1996
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part-19) 2014
16	Hydrogen Sulphide as H ₂ S	µg/m ³	7.4	NS*	IS 5182 (Part-7) 2014

Below Detection Limit : Hydrocarbon as HC:50 µg/m³, Hydro Chloric Acid As HCl: 5.0 µg/m³, Chlorine as Cl₂: 15 µg/m³.
 @Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified,


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager (Q)

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TEST CERTIFICATE

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Customer's Name and Address :

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M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0305A Issue Date : 12/11/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
---	--

Location of Sampling	: Nr. Lab	Sampling Procedure	: As per table
Date of Sampling	: 02/11/2020	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BL/2011/01 [A1-M1]
Sample Receipt Date	: 03/11/2020	Date of Completion of Test	: 10/11/2020
Date of Starting of Test	: 03/11/2020		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	59.6	100	IS 5182 (Part-23) 2017
2	Particulate Matter (PM _{2.5})	µg/m ³	46.2	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	16.5	80	IS 5182 (Part-2) 2017
4	Oxides of Nitrogen as NO ₂	µg/m ³	30.4	80	IS 5182 (Part-6) 2017
5	Ozone (O ₃) [§]	µg/m ³	23.6	180	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
6	Carbon Monoxide as CO	mg/m ³	1.2	04	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	33.6	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part-11) 2017
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	12.6	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	0.2	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	23.6	NS*	USEPA 26A:1996
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part-19) 2014
16	Hydrogen Sulphide as H ₂ S	µg/m ³	8.8	NS*	IS 5182 (Part-7) 2014

Below Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 150 µg/m³, Arsenic as As: 2.0 ng/m³.

@Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified,


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

● FSSAI Approved Lab ● Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986 ● GPCB approved schedule II auditor ● ISO 14001 : 2004 ● OHSAS 18001 : 2007 ● ISO 9001 : 2008

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

**TEST CERTIFICATE**

QF/7.8/37-AQ

Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0306A
	Issue Date : 12/11/2020
	Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020

Location of Sampling : Behind Shed No.8 Corner	Date of Sampling : 02/11/2020	Sampling Procedure : As per table
Sampling by : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : Ambient Air Quality Monitoring	
Sample Receipt Date : 03/11/2020	Lab ID : BL/2011/16 [A1-M1]	
Date of Starting of Test : 03/11/2020	Date of Completion of Test : 10/11/2020	

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	56.7	100	IS 5182 (Part-23) 2017
2	Particulate Matter (PM _{2.5})	µg/m ³	33.6	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	12.6	80	IS 5182 (Part-2) 2017
4	Oxides of Nitrogen as NO ₂	µg/m ³	22.7	80	IS 5182 (Part-6) 2017
5	Ozone (O ₃) [§]	µg/m ³	17.6	180	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
6	Carbon Monoxide as CO	mg/m ³	0.98	04	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	20.7	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part-11) 2017
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	7.6	NS*	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	0.3	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	17.6	NS*	USEPA 26A:1996
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part-19) 2014
16	Hydrogen Sulphide as H ₂ S	µg/m ³	6.9	NS*	IS 5182 (Part-7) 2014

Below Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC: 50 µg/m³, Chlorine as Cl₂: 150 µg/m³, Arsenic as As: 2.0 ng/m³.

@Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified,


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager (Q)

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TEST CERTIFICATE

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Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0307A Issue Date : 12/11/2020 Customer's Ref. : W.O. No. 8520210010 Dated:06.04.2020
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Location of Sampling	: Near detox side	Sampling Procedure	: As per table
Date of Sampling	: 02/11/2020	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BL/2011/16 [A2-M2]
Sample Receipt Date	: 03/11/2020	Date of Completion of Test	: 10/11/2020
Date of Starting of Test	: 03/11/2020		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [®]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	70.6	100	IS 5182 (Part-23) 2017
2	Particulate Matter (PM _{2.5})	µg/m ³	30.6	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	11.6	80	IS 5182 (Part-2) 2017
4	Oxides of Nitrogen as NO ₂	µg/m ³	22.1	80	IS 5182 (Part-6) 2017
5	Ozone (O ₃) [§]	µg/m ³	16.6	180	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
6	Carbon Monoxide as CO	mg/m ³	1.3	04	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	22.6	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part-11) 2017
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	10.6	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	0.22	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	14.6	NS*	USEPA 26A:1996
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part-19) 2014
16	Hydrogen Sulphide as H ₂ S	µg/m ³	6.3	NS*	IS 5182 (Part-7) 2014

Below Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC: 50 µg/m³, Chlorine as Cl₂: 150 µg/m³, Arsenic as As: 2.0 ng/m³.

@Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager (Q)

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M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0361
	Issue Date :	12/12/2020
	Customer's Ref. :	W.O.No. 8520210010 Dated:06.04.2020

Location of Sampling :	Nr. Lab	Sampling Procedure :	As per table
Date of Sampling :	03/12/2020	Protocol (purpose) :	Ambient Air Quality Monitoring
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Lab ID :	BL/2012/01 [A-M]
Sample Receipt Date :	04/12/2020	Date of Completion of Test :	10/12/2020
Date of Starting of Test :	04/12/2020		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT ³	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	68.4	100	IS 5182 (Part-23) 2017
2	Particulate Matter (PM _{2.5})	µg/m ³	40.3	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	16.6	80	IS 5182 (Part-2) 2017
4	Oxides of Nitrogen as NO ₂	µg/m ³	35.4	80	IS 5182 (Part-6) 2017.
5	Ozone (O ₃) ⁴	µg/m ³	29.3	180	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
6	Carbon Monoxide as CO	mg/m ³	0.88	04	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	Not Detected	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS ⁵	IS 5182 (Part-11) 2017
9	Benzo (a) Pyrene (BaP) - particulate phase only	ng/m ³	Not Detected	NS ⁵	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	2.12	NS ⁵	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	8.8	NS ⁵	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	0.26	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS ⁵	Gas chromatography
14	HCl	µg/m ³	31.6	NS ⁵	USEPA 26A:1996
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS ⁵	IS 5182 (Part-19) 2014
16	Hydrogen Sulphide as H ₂ S	µg/m ³	10.6	NS ⁵	IS 5182 (Part-7) 2014 ⁶

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC: 50 µg/m³, Chlorine as Cl₂: 150 µg/m³, Ammonia as NH₃: 2.0 µg/m³.

³Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS⁵: Not Specified.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

**TEST CERTIFICATE**

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Page: 1 of 1

M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002

Test Report No. : **PL/BL 0362**
 Issue Date : **12/12/2020**
 Customer's Ref. : **W.O.No. 8520210010**
Dated:06.04.2020

Location of Sampling : **Opposite Side Of Phase-2 LW**
 Date of Sampling : **03/12/2020** Sampling Procedure : **As per table**
 Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **Ambient Air Quality Monitoring**
 Sample Receipt Date : **04/12/2020** Lab ID : **BL/2012/02 [A-M]**
 Date of Starting of Test : **04/12/2020** Date of Completion of Test : **10/12/2020**

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [®]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	60.3	100	IS 5182 (Part-23) 2017
2	Particulate Matter (PM _{2.5})	µg/m ³	32.6	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	14.8	80	IS 5182 (Part-2) 2017
4	Oxides of Nitrogen as NO ₂	µg/m ³	25.4	80	IS 5182 (Part-6) 2017
5	Ozone (O ₃) [§]	µg/m ³	20.1	180	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
6	Carbon Monoxide as CO	mg/m ³	0.78	04	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	Not Detected	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS [*]	IS 5182 (Part-11) 2017
9	Benzo (a) Pyrene (BaP) - particulate phase only	ng/m ³	Not Detected	NS [*]	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	2.14	NS [*]	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	6.5	NS [*]	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	0.22	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS [*]	Gas chromatography
14	HCl	µg/m ³	23.1	NS [*]	USEPA 26A: 1996
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS [*]	IS 5182 (Part-19) 2014
16	Hydrogen Sulphide as H ₂ S	µg/m ³	16.2	NS [*]	IS 5182 (Part-7) 2014

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 150 µg/m³, Ammonia as NH₃: 2.0 µg/m³.

®Limit as per GPCB Consent Order No. AWH-69137 Date of Issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpal
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

**TEST CERTIFICATE**

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Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0363
	Issue Date :	12/12/2020
	Customer's Ref. :	W.O. No. 8520210010 Dated:06.04.2020

Location of Sampling :	Near Shed No.10		
Date of Sampling :	03/12/2020	Sampling Procedure :	As per table
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) :	Ambient Air Quality Monitoring
Sample Receipt Date :	04/12/2020	Lab ID :	BL/2012/03 [A-M]
Date of Starting of Test :	04/12/2020	Date of Completion of Test :	10/12/2020

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT®	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	65.8	100	IS 5182 (Part-23) 2017
2	Particulate Matter (PM _{2.5})	µg/m ³	35.2	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	14.2	80	IS 5182 (Part-2) 2017
4	Oxides of Nitrogen as NO ₂	µg/m ³	30.3	80	IS 5182 (Part-6) 2017
5	Ozone (O ₃) [§]	µg/m ³	23.6	180	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
6	Carbon Monoxide as CO	mg/m ³	1.12	04	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	Not Detected	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part-11) 2017
9	Benzo (a) Pyrene (BaP) - particulate phase only	ng/m ³	Not Detected	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	2.68	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	6.9	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	0.3	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	25.4	NS*	USEPA 26A:1996
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part-19) 2014
16	Hydrogen Sulphide as H ₂ S	µg/m ³	10.9	NS*	IS 5182 (Part-7) 2014

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 150 µg/m³, Ammonia as NH₃: 2.0 µg/m³.

®Limit as per GPCB Consent Order No. AWH-89137 Date of Issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager (Q)

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● GPCB approved schedule II auditor

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● OHSAS 18001

● ISO 9001

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TEST CERTIFICATE

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Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0001A Issue Date : 10/01/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Location of Sampling	: Near Lab	Sampling Procedure	: As per table
Date of Sampling	: 01/01/2021	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BL/2101/01 [A-M]
Sample Receipt Date	: 02/01/2021	Date of Completion of Test	: 08/01/2021
Date of Starting of Test	: 02/01/2021		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	72.6	100	IS 5182 (Part-23) 2017
2	Particulate Matter (PM _{2.5})	µg/m ³	43.4	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	20.9	80	IS 5182 (Part-2) 2017
4	Oxides of Nitrogen as NO ₂	µg/m ³	36.7	80	IS 5182 (Part-6) 2017
5	Ozone (O ₃) [§]	µg/m ³	30.4	180	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
6	Carbon Monoxide as CO	mg/m ³	1.4	04	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	Not Detected	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part-11) 2017
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	11.4	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	0.16	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	29.4	NS*	USEPA 26A:1996
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part-19) 2014
16	Hydrogen Sulphide as H ₂ S	µg/m ³	7.9	NS*	IS 5182 (Part-7) 2014

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC: 50 µg/m³, Chlorine as Cl₂: 150 µg/m³, Ammonia as NH₃: 2.0 µg/m³.

@Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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TEST CERTIFICATE

QF/7.8/37-AQ

Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0002A Issue Date : 10/01/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Location of Sampling : Opposite Side Of Phase-2 LW-4	
Date of Sampling : 01/01/2021	Sampling Procedure : As per table
Sampling by : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : Ambient Air Quality Monitoring
Sample Receipt Date : 02/01/2021	Lab ID : BL/2101/03 [A-M]
Date of Starting of Test : 02/01/2021	Date of Completion of Test : 08/01/2021

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	64.4	100	IS 5182 (Part-23) 2017
2	Particulate Matter (PM _{2.5})	µg/m ³	37.8	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	17.9	80	IS 5182 (Part-2) 2017
4	Oxides of Nitrogen as NO ₂	µg/m ³	29.6	80	IS 5182 (Part-6) 2017
5	Ozone (O ₃) [§]	µg/m ³	24.9	180	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
6	Carbon Monoxide as CO	mg/m ³	0.84	04	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	Not Detected	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part-11) 2017
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	2.08	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	7.4	NS*	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	0.21	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	17.4	NS*	USEPA 26A:1996
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part-19) 2014
16	Hydrogen Sulphide as H ₂ S	µg/m ³	17.6	NS*	IS 5182 (Part-7) 2014

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 150 µg/m³, Ammonia as NH₃: 2.0 µg/m³.
 @Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager (Q)

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TEST CERTIFICATE

QF/7.8/37-AQ

Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0003A Issue Date : 10/01/2021 Customer's Ref. : W.O. No. 8520210010 Dated:06.04.2020
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Location of Sampling	: Near Shed No.10		
Date of Sampling	: 01/01/2021	Sampling Procedure	: As per table
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: Ambient Air Quality Monitoring
Sample Receipt Date	: 02/01/2021	Lab ID	: BL/2101/02 [A-M]
Date of Starting of Test	: 02/01/2021	Date of Completion of Test	: 08/01/2021

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	69.5	100	IS 5182 (Part-23) 2017
2	Particulate Matter (PM _{2.5})	µg/m ³	47.9	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	13.4	80	IS 5182 (Part-2) 2017
4	Oxides of Nitrogen as NO ₂	µg/m ³	40.9	80	IS 5182 (Part-6) 2017
5	Ozone (O ₃) ^{\$}	µg/m ³	26.4	180	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
6	Carbon Monoxide as CO	mg/m ³	1.1	04	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	Not Detected	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	2.12	NS*	IS 5182 (Part-11) 2017
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	0.78	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	2.58	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	8.4	NS*	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	0.36	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	21.7	NS*	USEPA 26A:1996
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part-19) 2014
16	Hydrogen Sulphide as H ₂ S	µg/m ³	8.4	NS*	IS 5182 (Part-7) 2014

Detection Limit : Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 150 µg/m³, Ammonia as NH₃: 2.0 µg/m³.
 @Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager (Q)

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Customer's Name and Address :

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M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0047 Issue Date : 11/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Location of Sampling	: Near Laboratory	Sampling Procedure	: As per table
Date of Sampling	: 01/02/2021	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BL/2102/01 [A-M]
Sample Receipt Date	: 02/02/2021	Date of Completion of Test	: 08/02/2021
Date of Starting of Test	: 02/02/2021		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT®	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	77.2	100	IS 5182 (Part-23) 2017
2	Particulate Matter (PM _{2.5})	µg/m ³	55.4	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	24.2	80	IS 5182 (Part-2) 2017
4	Oxides of Nitrogen as NO ₂	µg/m ³	35.4	80	IS 5182 (Part-6) 2017
5	Ozone (O ₃) [§]	µg/m ³	23.8	180	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
6	Carbon Monoxide as CO	mg/m ³	1.8	04	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	Not Detected	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part-11) 2017
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	13.6	NS*	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	0.44	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	15.8	NS*	USEPA 26A:1996
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part-19) 2014
16	Hydrogen Sulphide as H ₂ S	µg/m ³	11.3	NS*	IS 5182 (Part-7) 2014

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 150 µg/m³, Ammonia as NH₃: 2.0 µg/m³.

@Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager (Q)

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Customer's Name and Address :

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M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0048 Issue Date : 11/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Location of Sampling : Opposite Side Of Phase-2 LW-4	
Date of Sampling : 01/02/2021	Sampling Procedure : As per table
Sampling by : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : Ambient Air Quality Monitoring
Sample Receipt Date : 02/02/2021	Lab ID : BL/2102/03 [A-M]
Date of Starting of Test : 02/02/2021	Date of Completion of Test : 08/02/2021

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [®]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	78.5	100	IS 5182 (Part-23) 2017
2	Particulate Matter (PM _{2.5})	µg/m ³	57.3	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	21.3	80	IS 5182 (Part-2) 2017
4	Oxides of Nitrogen as NO ₂	µg/m ³	26.8	80	IS 5182 (Part-6) 2017
5	Ozone (O ₃) [§]	µg/m ³	23.1	180	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
6	Carbon Monoxide as CO	mg/m ³	1.1	04	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	Not Detected	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part-11) 2017
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	1.25	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	6.4	NS*	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	0.30	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	12.4	NS*	USEPA 26A:1996
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part-19) 2014
16	Hydrogen Sulphide as H ₂ S	µg/m ³	9.8	NS*	IS 5182 (Part-7) 2014

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 150 µg/m³, Ammonia as NH₃: 2.0 µg/m³.
 @Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager (Q)

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Customer's Name and Address :

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M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0049 Issue Date : 11/02/2021 Customer's Ref. : W.O. No. 8520210010 Dated:06.04.2020
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Location of Sampling	: Near Shed No.10	Sampling Procedure	: As per table
Date of Sampling	: 01/02/2021	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BL/2102/02 [A-M]
Sample Receipt Date	: 02/02/2021	Date of Completion of Test	: 08/02/2021
Date of Starting of Test	: 02/02/2021		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [®]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	83.1	100	IS 5182 (Part-23) 2017
2	Particulate Matter (PM _{2.5})	µg/m ³	45.3	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	18.4	80	IS 5182 (Part-2) 2017
4	Oxides of Nitrogen as NO ₂	µg/m ³	30.9	80	IS 5182 (Part-6) 2017
5	Ozone (O ₃) [§]	µg/m ³	20.7	180	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
6	Carbon Monoxide as CO	mg/m ³	1.5	04	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	Not Detected	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	3.45	NS*	IS 5182 (Part-11) 2017
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	1.06	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	1.75	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	9.6	NS*	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	0.56	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	9.4	NS*	USEPA 26A:1996
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part-19) 2014
16	Hydrogen Sulphide as H ₂ S	µg/m ³	15.9	NS*	IS 5182 (Part-7) 2014

Detection Limit : Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 150 µg/m³, Ammonia as NH₃: 2.0 µg/m³.

@Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager (Q)

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Customer's Name and Address :

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M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0108 Issue Date : 15/03/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
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Location of Sampling	: Near Laboratory	Sampling Procedure	: As per table
Date of Sampling	: 04/03/2021	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BL/2103/13 [A-M]
Sample Receipt Date	: 05/03/2021	Date of Completion of Test	: 11/03/2021
Date of Starting of Test	: 05/03/2021		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [®]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	81.9	100	IS 5182 (Part-23) 2017
2	Particulate Matter (PM _{2.5})	µg/m ³	50.1	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	27.6	80	IS 5182 (Part-2) 2017
4	Oxides of Nitrogen as NO ₂	µg/m ³	29.7	80	IS 5182 (Part-6) 2017
5	Ozone (O ₃) [§]	µg/m ³	21.7	180	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
6	Carbon Monoxide as CO	mg/m ³	1.2	04	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	Not Detected	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part-11) 2017
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	20.7	NS*	USEPA 26A:1996
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part-19) 2014
16	Hydrogen Sulphide as H ₂ S	µg/m ³	10.3	NS*	IS 5182 (Part-7) 2014

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC: 50 µg/m³, Chlorine as Cl₂: 150 µg/m³, Ammonia as NH₃: 2.0 µg/m³, Nickel: 5.0 ng/m³, Lead : 0.1 µg/m³

@Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

**TEST CERTIFICATE**

QF/7.8/37-AQ

Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0109
	Issue Date :	15/03/2021
	Customer's Ref. :	W.O.No. 8520210010 Dated:06.04.2020

Location of Sampling :	Opposite Side Of Phase-2 LW-4		
Date of Sampling :	04/03/2021	Sampling Procedure :	As per table
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) :	Ambient Air Quality Monitoring
Sample Receipt Date :	05/03/2021	Lab ID :	BL/2103/15 [A-M]
Date of Starting of Test :	05/03/2021	Date of Completion of Test :	11/03/2021

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT®	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	71.4	100	IS 5182 (Part-23) 2017
2	Particulate Matter (PM _{2.5})	µg/m ³	46.3	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	25.4	80	IS 5182 (Part-2) 2017
4	Oxides of Nitrogen as NO ₂	µg/m ³	22.7	80	IS 5182 (Part-6) 2017
5	Ozone (O ₃) [§]	µg/m ³	30.5	180	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
6	Carbon Monoxide as CO	mg/m ³	0.96	04	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	Not Detected	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part-11) 2017
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS*	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	15.4	NS*	USEPA 26A:1996
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part-19) 2014
16	Hydrogen Sulphide as H ₂ S	µg/m ³	15.1	NS*	IS 5182 (Part-7) 2014

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 150 µg/m³, Ammonia as NH₃: 2.0 µg/m³, Nickel: 5.0 ng/m³, Lead : 0.1 µg/m³.

@Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

**TEST CERTIFICATE**

QF/7.8/37-AQ

Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0110
	Issue Date :	15/03/2021
	Customer's Ref. :	W.O. No. 8520210010 Dated:06.04.2020

Location of Sampling :	Near Shed No.10		
Date of Sampling :	04/03/2021	Sampling Procedure :	As per table
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) :	Ambient Air Quality Monitoring
Sample Receipt Date :	05/03/2021	Lab ID :	BL/2103/14 [A-M]
Date of Starting of Test :	05/03/2021	Date of Completion of Test :	11/03/2021

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT®	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	87.6	100	IS 5182 (Part-23) 2017
2	Particulate Matter (PM _{2.5})	µg/m ³	52.9	60	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	20.4	80	IS 5182 (Part-2) 2017
4	Oxides of Nitrogen as NO ₂	µg/m ³	26.7	80	IS 5182 (Part-6) 2017
5	Ozone (O ₃) [§]	µg/m ³	16.4	180	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
6	Carbon Monoxide as CO	mg/m ³	1.0	04	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	Not Detected	400	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part-11) 2017
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS*	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB guidelines for AAQM (Vol.I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	17.9	NS*	USEPA 26A:1996
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part-19) 2014
16	Hydrogen Sulphide as H ₂ S	µg/m ³	13.4	NS*	IS 5182 (Part-7) 2014

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 150 µg/m³, Ammonia as NH₃: 2.0 µg/m³, Nickel: 5.0 ng/m³, Lead : 0.1 µg/m³.

@Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager (Q)

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE FOR NOISE MONITORING

QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0264 Issue Date : 12/10/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
---	---

NOISE LEVEL MONITORING REPORT

Sampling Date	: 02/10/2020
Test Method	: IS 9876 : 2013 / IS 9989 : 2014
Sampling Location	: As per table
Sampling By	: Pollucon Laboratories Pvt. Ltd.
Protocol (purpose)	: Environmental Monitoring

RESULT TABLE

SR. NO.	SAMPLING LOCATION	OBSERVATIONS	
		DAY Time dB(A)	NIGHT Time dB(A)
1	Nr. Incinerator	69.5	67.5
2	Nr. Main Gate	55.0	53.1
3	Nr. Lab	48.7	45.9
4	Nr. ADM	46.0	42.5
5	Nr. Truck Washing	51.5	48.1
6	Nr. Drum Storage	50.2	45.1
7	Nr. East side of Incinerator	65.5	63.7
GPCB CONSENT LIMIT#		75 dB (A)	70 db (A)

#As per consent order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022.

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
2. Night time shall mean from 10.00 p.m. to 6.00 a.m.


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

TEST CERTIFICATE FOR NOISE MONITORING

QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0332 Issue Date : 12/11/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
---	---

NOISE LEVEL MONITORING REPORT

Sampling Date	: 03/11/2020
Test Method	: IS 9876 : 2013 / IS 9989 : 2014
Sampling Location	: As per table
Sampling By	: Pollucon Laboratories Pvt. Ltd.
Protocol (purpose)	: Environmental Monitoring

RESULT TABLE

SR. NO.	SAMPLING LOCATION	OBSERVATIONS	
		DAY Time dB(A)	NIGHT Time dB(A)
1	Nr. Incinerator	68.4	58.6
2	Nr. Main Gate	63.9	50.4
3	Nr. Lab	59.4	47.6
4	Nr. ADM	60.6	46.7
5	Nr. Truck Washing	70.7	63.4
6	Nr. Drum Storage	67.1	55.7
7	Nr. East side of Incinerator	64.8	58.5
GPCB CONSENT LIMIT#		75 dB (A)	70 db (A)

#As per consent order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022.

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
2. Night time shall mean from 10.00 p.m. to 6.00 a.m.


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager (Q)

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TEST CERTIFICATE FOR NOISE MONITORING

QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0376 Issue Date : 12/12/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
---	---

NOISE LEVEL MONITORING REPORT

Sampling Date	: 03/12/2020
Test Method	: IS 9876 : 2013 / IS 9989 : 2014
Sampling Location	: As per table
Sampling By	: Pollucon Laboratories Pvt. Ltd.
Protocol (purpose)	: Environmental Monitoring

RESULT TABLE

SR. NO.	SAMPLING LOCATION	OBSERVATIONS	
		DAY Time dB(A)	NIGHT Time dB(A)
1	Nr. Incinerator	70.4	62.2
2	Nr. Main Gate	60.5	48.1
3	Nr. Lab	53.8	49.6
4	Nr. ADM	54.9	50.7
5	Nr. Truck Washing	68.8	62.4
6	Nr. Drum Storage	65.6	52.3
7	Nr. East side of Incinerator	66.1	55.2
GPCB CONSENT LIMIT#		75 dB (A)	70 db (A)

#As per consent order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022.

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.

2. Night time shall mean from 10.00 p.m. to 6.00 a.m.



Ravi Janiwala
Sr. Environmental Scientist



Dr. Arun Bajpal
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

TEST CERTIFICATE FOR NOISE MONITORING

QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0016 Issue Date : 10/01/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
---	---

NOISE LEVEL MONITORING REPORT

Sampling Date	: 01/01/2021
Test Method	: IS 9876 : 2013 / IS 9989 : 2014
Sampling Location	: As per table
Sampling By	: Pollucon Laboratories Pvt. Ltd.
Protocol (purpose)	: Environmental Monitoring

RESULT TABLE

SR. NO.	SAMPLING LOCATION	OBSERVATIONS	
		DAY Time dB(A)	NIGHT Time dB(A)
1	Nr. Incinerator	71.1	69.2
2	Nr. Main Gate	52.5	50.4
3	Nr. Lab	50.2	47.3
4	Nr. ADM	48.1	46.0
5	Nr. Truck Washing	53.3	50.1
6	Nr. Drum Storage	56.6	54.3
7	Nr. East side of Incinerator	73.4	69.5
GPCB CONSENT LIMIT#		75 dB (A)	70 db (A)

#As per consent order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022.

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
2. Night time shall mean from 10.00 p.m. to 6.00 a.m.


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager (Q)

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TEST CERTIFICATE FOR NOISE MONITORING

QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0077 Issue Date : 11/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
---	--

NOISE LEVEL MONITORING REPORT

Sampling Date	: 02/02/2021
Test Method	: IS 9876 : 2013 / IS 9989 : 2014
Sampling Location	: As per table
Sampling By	: Pollucon Laboratories Pvt. Ltd.
Protocol (purpose)	: Environmental Monitoring

RESULT TABLE

SR. NO.	SAMPLING LOCATION	OBSERVATIONS	
		DAY Time dB(A)	NIGHT Time dB(A)
1	Nr. Incinerator	68.3	64.1
2	Nr. Main Gate	59.2	57.2
3	Nr. Lab	52.8	50.5
4	Nr. ADM	51.6	49.3
5	Nr. Truck Washing	58.5	53.4
6	Nr. Drum Storage	55.9	52.6
7	Nr. East side of Incinerator	69.8	65.7
GPCB CONSENT LIMIT#		75 dB (A)	70 db (A)

#As per consent order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022.

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
2. Night time shall mean from 10.00 p.m. to 6.00 a.m.


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager (Q)

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TEST CERTIFICATE FOR NOISE MONITORING

QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0123 Issue Date : 15/03/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06.04.2020
---	---

NOISE LEVEL MONITORING REPORT

Sampling Date	: 03/03/2021
Test Method	: IS 9876 : 2013 / IS 9989 : 2014
Sampling Location	: As per table
Sampling By	: Pollucon Laboratories Pvt. Ltd.
Protocol (purpose)	: Environmental Monitoring

RESULT TABLE

SR. NO.	SAMPLING LOCATION	OBSERVATIONS	
		DAY Time dB(A)	NIGHT Time dB(A)
1	Nr. Incinerator	69.5	63.3
2	Nr. Main Gate	54.5	50.2
3	Nr. Lab	51.3	49.1
4	Nr. ADM	53.7	51.4
5	Nr. Truck Washing	50.8	48.5
6	Nr. Drum Storage	53.4	48.4
7	Nr. East side of Incinerator	66.8	63.6
GPCB CONSENT LIMIT#		75 dB (A)	70 db (A)

#As per consent order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022.

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.

2. Night time shall mean from 10.00 p.m. to 6.00 a.m.



Ravi Jariwala
Sr. Environmental Scientist



Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT

MoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 & ISO 45001 Certified Laboratory

Page: 1 of 2

Barcode Id 9f1a16172d Report No/Sample ID 5936188142 Report Date 19-Mar-21

Name Of Customer:	AGLON INDUSTRIES PVT. LTD.		
Address Of Customer:	BLOCK No.947, VILL: TADKESHWAR, KIM - MANDVI ROAD, TAL: MANDVI, Surat		
	ETP Solid Waste		
Sample Description:			
Sample Quantity:	1.0 Kg	Sampling Date:	
Sampling Location:	---	Sample Received Date:	15-Mar-2021
Sample Collected By:	By Customer	Sampling Procedure:	---
Packing Details:	Plastic Bag	Analysis Start Date:	16-Mar-2021
Fuel:	---	Analysis Completion Date:	19-Mar-2021
Sampling Start Date & Time:	---	Sample Type:	Hazardous Waste Sample

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	PHYSICAL STATE	-	Solid	---	VISUALLY
2	SAMPLE APPEARANCE	-	White	---	VISUALLY
3	PH (10% SOLN)	-	7.58	4 to 12	APHA 4500H+B
4	CALORIFIC VALUE	Cal/gm	421	<2500	IS:1448(PART-6):1984
5	HALOGEN	%	0.90	---	APHA 4500CL-B
6	TOTAL SULPHUR	%	0.110	---	CHNS ANALYZER
7	LOSS ON DRYING AT 110°C	%	6.91	---	STD. METHODS OF CHEMICAL ANALYSIS BY N H SURMAN
8	OIL AND GREASE BY SOXHLET METHOD	%	BDL	<4.0	SOXHLET METHOD
9	ANNEALING LOSS AT 550°C	%	16.17	<20.0	STD. METHODS OF CHEMICAL ANALYSIS BY N H SURMAN
10	ASH CONTENT AT 800°C	%	74.26	---	IS 1448 (PART-4) :1984
11	FLAMMABILITY TEST	-	Not Flammable	---	QUALITATIVE ORGANIC ANALYSIS
12	COMPATIBILITY TEST	-	Compatible	---	---
13	PFLT TEST	-	Pass	---	USEPA METHOD 9095B
14	LRT TEST	ml	00	<3.0	USEPA 9096
15	PHENOLIC COMPOUNDS (10% SOLN)	mg/Ltr.	BDL	<100	APHA 5530-D
16	LEAD (10% SOLN)	mg/Ltr.	0.0011	<2.0	APHA 3111-PB-B, 3-20 TO 3-21, 23RD ED.2017
17	CADMIUM (10% SOLN)	mg/Ltr.	BDL	<0.2	APHA 3111-CD- B, 3-20 TO 3-21, 23RD ED.
18	TOTAL CHROMIUM (10% SOLN)	mg/Ltr.	0.0147	<0.5	APHA 3111-CR-B 3-20 TO 3-21, 23RD ED.2017
19	COPPER (10% SOLN)	mg/Ltr.	0.1142	<10.0	APHA 3111-CU-B 3-20 TO 3-21, 23RD ED.2017
20	NICKEL (10% SOLN)	mg/Ltr.	0.0223	<3.0	APHA 3111-NI- B, 3-20 TO 3-21,

Regd. office & Works Office: Plot No 9701-16, G.I.D.C. Estate, Post Box No 82, Ankleshwar - 393002, Dist - Bharuch (Gujarat)

Tel: (02646) 253135, 225228 | Fax: (02646) 222849 | E-Mail: sathish.gaddam@beil.co.in, meghparadt@beil.co.in

CIN NO : U45300GJ1997PLC032696

Terms & Condition are on backside



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT

MoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 & ISO 45001 Certified Laboratory

Page: 2 of 2

Barcode Id 9ffa16172d Report No/Sample ID 5936188142 Report Date 19-Mar-21

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
	NICKEL (10% SOLN)		0.0223		23RD ED. 2017
21	MERCURY (10% SOLN)	mg/Ltr.	BDL	<0.1	APHA 3111-HG-B
22	ZINC (10% SOLN)	mg/Ltr.	0.0871	<10.0	APHA 3111-ZN- B, 3-20 TO 3-21, 23RD ED.2017
23	FLUORIDE (10% SOLN)	mg/Ltr.	BDL	<50.0	APHA 4500-F- C
24	AMMONIACAL NITROGEN (10% SOLN)	mg/Ltr.	285	<1000	APHA 4500-NH3-C, 4-116, 23RD ED.,2017
25	CYANIDE (10% SOLN)	mg/Ltr.	BDL	<2.0	APHA 4500-CN, 23RD ED.,2017
26	NITRATE (10% SOLN)	mg/Ltr.	18.471	<30.0	APHA 4500-NO3- D, 4-129 TO 4-130, 23RD ED.2017
27	COD (10% SOLN)	mg/Ltr.	560	---	APHA 5220-B

Remarks: Sample is Suitable for Landfill.

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


ANALYSED BY


VERIFIED BY

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT



TC-8141

NABL ACCREDITED LAB (TC-8141)

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Page: 1 of 2

Barcode Id 611f6db391 Report No/Sample ID TC81415936186166 P Report Date 11-Dec-20

Name Of Customer:	SIGMA ELEMENTS PVT.LTD.		
Address Of Customer:	SHED NO- A-1/441/3,ROAD NO.4,GIDC, SACHIN,DIST. SURAT.		
Sample Description:	Dist. Residue (Bag)		
Sample Quantity:	1.0 kg.	Sampling Date:	
Sampling Location:		Sample Received Date:	07-Dec-2020
Sample Collected By:	by customer	Sampling Procedure:	
Packing Details:	Plastic Bag	Analysis Start Date:	08-Dec-2020
Fuel:	--	Analysis Completion Date:	11-Dec-2020
Sampling Start Date & Time:	--	Sample Type:	Hazardous Waste Sample
Sampling End Date & Time:	--	Sampling Duration:	---

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	*PHYSICAL STATE	-	Solid	---	VISUALLY
2	*SAMPLE APPEARANCE	-	Black Color	---	VISUALLY
3	PH (10% SOLN)	-	4.95	---	APHA 4500H+B
4	CALORIFIC VALUE	Cal/gm	1387	---	IS:1448(PART-6):1984
5	CARBON	%	13.0	---	CHNS ANALYZER
6	HYDROGEN	%	1.21	---	CHNS ANALYZER
7	NITROGEN	%	4.20	---	CHNS ANALYZER
8	TOTAL SULPHUR	%	0.080	--	CHNS ANALYZER
9	*HALOGEN	%	16.70	---	APHA 4500CL-B
10	*CYANIDE	mg/Ltr.	BDL	---	APHA 4500-CN
11	LOSS ON DRYING AT 110°C	%	11.83	---	STD. METHODS OF CHEMICAL ANALYSIS BY N H SURMAN
12	*ANNEALING LOSS AT 550°C	%	47.05	> 20	STD. METHODS OF CHEMICAL ANALYSIS BY N H SURMAN
13	ASH CONTENT AT 800°C	%	36.78	---	IS 1448 (PART-4) :1984
14	*COMPATIBILITY TEST	-	Compatible	---	---
15	*FLAMMABILITY TEST	-	Light Flammable	---	QUALITATIVE ORGANIC ANALYSIS
16	*REACTIVITY AIR / WATER	-	Not reactive	--	ASTM D-5058-90
17	*REACTIVITY WITH LIME	-	Not reactive	--	ASTM D-5058-90
18	*REACTIVITY WITH TRIETHYL AMINE	-	Not reactive	--	ASTM D-5058-90
19	FLUORIDE	mg/Ltr.	BDL	---	APHA 4500-F- C, 4-89 TO 4-90, 23RD ED.2017
20	AMMONIACAL NITROGEN	mg/Ltr.	1092	---	APHA 4500-NH3-C, 4-116, 23RD ED.2017

- Parameters are not in NABL scope



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Page: 2 of 2

Barcode Id 611f6db391 Report No/Sample ID TC81415936186166 P Report Date 11-Dec-20

Remarks: Sample is suitable for Incineration.

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

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For BEIL Infrastructure Ltd.

AUTHORIZED BY



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Page: 1 of 2

Barcode Id 1488a6e225 Report No/Sample ID TC81415936186167 P Report Date 11-Dec-20

Name Of Customer:	SIGMA ELEMENTS PVT.LTD.		
Address Of Customer:	SHED NO- A-1/441/3,ROAD NO.4,GIDC, SACHIN,DIST. SURAT.		
Sample Description:	Dist. Residue (Drum)		
Sample Quantity:	1.0 kg	Sampling Date:	
Sampling Location:		Sample Received Date:	07-Dec-2020
Sample Collected By:	by customer	Sampling Procedure:	
Packing Details:	Plastic Bottle	Analysis Start Date:	08-Dec-2020
Fuel:	--	Analysis Completion Date:	11-Dec-2020
Sampling Start Date & Time:	--	Sample Type:	Hazardous Waste Sample
Sampling End Date & Time:	--	Sampling Duration:	---

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	*PHYSICAL STATE	-	Tarry	---	VISUALLY
2	*SAMPLE APPEARANCE	-	Black Color	---	VISUALLY
3	PH (10% SOLN)	-	1.10	---	APHA 4500H+B
4	CALORIFIC VALUE	Cal/gm	2504	---	IS:1448(PART-6):1984
5	CARBON	%	21.3	---	CHNS ANALYZER
6	HYDROGEN	%	4.63	---	CHNS ANALYZER
7	NITROGEN	%	9.56	---	CHNS ANALYZER
8	TOTAL SULPHUR	%	2.79	---	CHNS ANALYZER
9	*HALOGEN	%	17.60	---	APHA 4500CL-B
10	*CYANIDE	mg/Ltr.	BDL	---	APHA 4500-CN
11	LOSS ON DRYING AT 110°C	%	33.03	---	STD. METHODS OF CHEMICAL ANALYSIS BY N H SURMAN
12	*ANNEALING LOSS AT 550°C	%	66.10	> 20	STD. METHODS OF CHEMICAL ANALYSIS BY N H SURMAN
13	ASH CONTENT AT 800°C	%	0.75	---	IS 1448 (PART-4) :1984
14	*COMPATIBILITY TEST	-	Compatible	---	---
15	*FLAMMABILITY TEST	-	Flammable	---	QUALITATIVE ORGANIC ANALYSIS
16	*REACTIVITY AIR / WATER	-	Not reactive	---	ASTM D-5058-90
17	*REACTIVITY WITH LIME	-	Not reactive	---	ASTM D-5058-90
18	*REACTIVITY WITH TRIETHYL AMINE	-	Not reactive	---	ASTM D-5058-90
19	FLUORIDE	mg/Ltr.	BDL	---	APHA 4500-F- C, 4-89 TO 4-90, 23RD ED.2017
20	AMMONIACAL NITROGEN	mg/Ltr.	867	---	APHA 4500-NH3-C, 4-116, 23RD ED.,2017

* Parameters are not in NABL scope

Regd. office & Works Office: Plot No 9701-16, G.I.D.C. Estate, Post Box No 82, Ankleshwar - 393002, Dist - Bharuch (Gujarat)

Tel: (02646) 253135, 225228 | Fax: (02646) 222849 | E-Mail: sathish.gaddam@beil.co.in, meghparad@beil.co.in

CIN NO : U45300GJ1997PLC032696

Terms & Condition are on backside



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Page: 2 of 2

Barcode Id 1488a6e225 Report No/Sample ID TC81415936186167 P Report Date 11-Dec-20

Remarks: Sample is suitable for Incineration

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


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Page: 1 of 2

Barcode Id 0952b8ee75 Report No/Sample ID TC81415936185325 P Report Date 09-Nov-20

Name Of Customer:	KOHLER INDIA CORP. PVT. LTD. UNIT - 2		
Address Of Customer:	PLOT NO.828/B,GIDC, JHAGADIA		
Sample Description:	Sand Core		
Sample Quantity:	1.0 kg	Sampling Date:	
Sampling Location:	---	Sample Received Date:	31-Oct-2020
Sample Collected By:	by customer	Sampling Procedure:	---
Packing Details:	Plastic sample bag	Analysis Start Date:	02-Nov-2020
Fuel:	---	Analysis Completion Date:	09-Nov-2020
Sampling Start Date & Time:	---	Sample Type:	Hazardous Waste Sample
Sampling End Date & Time:	---	Sampling Duration:	---

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	*PHYSICAL STATE	-	Solid	---	VISUALLY
2	*SAMPLE APPEARANCE	-	Brown color solid	---	VISUALLY
3	PH (10% SOLN)	-	5.78	4 to 12	APHA 4500H+B
4	CALORIFIC VALUE	Cal/gm	187	<2500	IS:1448(PART-6):1984
5	*HALOGEN	%	0.16	---	APHA 4500CL-B
6	TOTAL SULPHUR	%	0.002	---	CHNS ANALYZER
7	LOSS ON DRYING AT 110°C	%	0.12	---	STD. METHODS OF CHEMICAL ANALYSIS BY N H SURMAN
8	OIL AND GREASE BY SOXHLET METHOD	%	BDL	<4.00	SOXHLET METHOD
9	*ANNEALING LOSS AT 550°C	%	1.17	<20.0	STD. METHODS OF CHEMICAL ANALYSIS BY N H SURMAN
10	ASH CONTENT AT 800°C	%	97.89	---	IS 1448 (PART-4) :1984
11	*FLAMMABILITY TEST	-	Not Flammable	Not Flammable	QUALITATIVE ORGANIC ANALYSIS
12	*COMPATIBILITY TEST	-	Compatible	---	---
13	*PFLT TEST	-	Pass	---	USEPA METHOD 9095B
14	*LRT TEST	ml	0.0	<3.0	USEPA 9096
15	PHENOLIC COMPOUNDS (10% SOLN)	mg/Ltr.	BDL	<100	APHA 5530-D
16	LEAD (10% SOLN)	mg/Ltr.	BDL	<2.0	APHA 3111-PB-B, 3-20 TO 3-21, 23RD ED.2017
17	CADMIUM (10% SOLN)	mg/Ltr.	BDL	<0.2	APHA 3111-CD- B, 3-20 TO 3-21, 23RD ED.
18	TOTAL CHROMIUM (10% SOLN)	mg/Ltr.	0.0396	<0.5	APHA 3111-CR-B 3-20 TO 3-21, 23RD ED.2017
19	COPPER (10% SOLN)	mg/Ltr.	0.8499	<10.0	APHA 3111-CU-B 3-20 TO 3-21, 23RD ED.2017
20	NICKEL (10% SOLN)	mg/Ltr.	0.1939	<3.0	APHA 3111-NI- B, 3-20 TO 3-21, 23RD ED. 2017
21	MERCURY (10% SOLN)	mg/Ltr.	BDL	<0.1	APHA 3111-HG-B



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Page: 2 of 2


Barcode Id 0952b8ee75 Report No/Sample ID TC81415936185325 P Report Date 09-Nov-20

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
22	ZINC (10% SOLN)	mg/Ltr.	6.5523	<10.0	APHA 3111-ZN- B, 3-20 TO 3-21, 23RD ED.2017
23	FLUORIDE (10% SOLN)	mg/Ltr.	0.0805	<50.0	APHA 4500-F- C
24	AMMONIACAL NITROGEN (10% SOLN)	mg/Ltr.	6.0	<1000	APHA 4500 NH3 C
25	*CYANIDE (10% SOLN)	mg/Ltr.	0.3	<2.0	APHA 4500-CN
26	NITRATE (10% SOLN)	mg/Ltr.	7.57	<30.0	APHA 4500-NO3- D, 4-129 TO 4-130, 23RD ED.2017
27	*COD (10% SOLN)	mg/Ltr.	292	---	APHA 5220-B

* Parameters are not in NABL scope

Remarks: Sample suitable for landfill

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


ANALYSED BY


VERIFIED BY

For BEIL Infrastructure Ltd.


AUTHORIZED BY



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Page: 1 of 2

Barcode Id 5c09111e7a Report No/Sample ID TC81415936185292 P Report Date 31-Oct-20

Name Of Customer:	ONGC PETRO ADDITIONS LTD. (OPAL)		
Address Of Customer:	PLOT No.Z-1, Z-83, Z-83/1, DAHEJ SEZ, TAL: VAGRA, DIST: BHARUCH, DAHEJ		
	Alumina Ball (Black Colour)		
Sample Description:			
Sample Quantity:	---	Sampling Date:	
Sampling Location:	---	Sample Received Date:	30-Oct-2020
Sample Collected By:	by customer	Sampling Procedure:	---
Packing Details:	Plastic Sample bag	Analysis Start Date:	30-Oct-2020
Fuel:	---	Analysis Completion Date:	31-Oct-2020
Sampling Start Date & Time:	---	Sample Type:	Hazardous Waste Sample
Sampling End Date & Time:	---	Sampling Duration:	---

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	*PHYSICAL STATE	-	Solid	---	VISUALLY
2	*SAMPLE APPEARANCE	-	Red colour solid	---	VISUALLY
3	PH (10% SOLN)	-	9.11	4 to 12	APHA 4500H+B
4	CALORIFIC VALUE	Cal/gm	219	<2500	IS:1448(PART-6):1984
5	CARBON	%	4.09	---	CHNS ANALYZER
6	HYDROGEN	%	5.66	---	CHNS ANALYZER
7	NITROGEN	%	1.29	---	CHNS ANALYZER
8	TOTAL SULPHUR	%	0.008	---	CHNS ANALYZER
9	*HALOGEN	%	0.51	---	APHA 4500CL-B
10	*CYANIDE	mg/Ltr.	BDL	---	APHA 4500-CN
11	LOSS ON DRYING AT 110°C	%	28.65	---	STD. METHODS OF CHEMICAL ANALYSIS BY N H SURMAN
12	*ANNEALING LOSS AT 550°C	%	24.97	---	STD. METHODS OF CHEMICAL ANALYSIS BY N H SURMAN
13	ASH CONTENT AT 800°C	%	46.18	---	IS 1448 (PART-4) :1984
14	*COMPATIBILITY TEST	-	Compatible	---	---
15	*FLAMMABILITY TEST	-	Flammable	---	QUALITATIVE ORGANIC ANALYSIS
16	*REACTIVITY AIR / WATER	-	Not reactive	---	ASTM D-5058-90
17	*REACTIVITY WITH LIME	-	Not reactive	---	ASTM D-5058-90
18	*REACTIVITY WITH TRIETHYL AMINE	-	Not reactive	---	ASTM D-5058-90
19	FLUORIDE	mg/Ltr.	0.589	---	APHA 4500-F- C, 4-89 TO 4-90, 23RD ED.2017
20	AMMONIACAL NITROGEN	mg/Ltr.	31	---	APHA 4500-NH3-C, 4-116, 23RD ED.,2017

* Parameters are not in NABL scope



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TEST REPORT

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Page: 2 of 2

Barcode Id 5c09111e7a Report No/Sample ID TC81415936185292 P Report Date 31-Oct-20

Remarks: Sample is suitable for Incineration.

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


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TEST REPORT



TC4M

NABL ACCREDITED LAB (TC-8141)

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Page: 1 of 2

Barcode Id d9cb82949e Report No/Sample ID TC81415936185291 P Report Date 31-Oct-20

Name Of Customer:	ONGC PETRO ADDITIONS LTD. (OPAL)		
Address Of Customer:	PLOT No.Z-1, Z-83, Z-83/1, DAHEJ SEZ, TAL: VAGRA, DIST: BHARUCH, DAHEJ		
	Alumina Ball (White Colour)		
Sample Description:			
Sample Quantity:	1.0 Kg	Sampling Date:	
Sampling Location:	---	Sample Received Date:	30-Oct-2020
Sample Collected By:	by customer	Sampling Procedure:	---
Packing Details:	Plastic sample bag	Analysis Start Date:	30-Oct-2020
Fuel:	---	Analysis Completion Date:	31-Oct-2020
Sampling Start Date & Time:	---	Sample Type:	Hazardous Waste Sample
Sampling End Date & Time:	---	Sampling Duration:	---

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	*PHYSICAL STATE	-	Solid	---	VISUALLY
2	*SAMPLE APPEARANCE	-	White color solid	---	VISUALLY
3	PH (10% SOLN)	-	6.48	4 to 12	APHA 4500H+B
4	CALORIFIC VALUE	Cal/gm	66	<2500	IS:1448(PART-6):1984
5	*HALOGEN	%	0.56	---	APHA 4500CL-B
6	TOTAL SULPHUR	%	0.030	---	CHNS ANALYZER
7	LOSS ON DRYING AT 110°C	%	4.54	---	STD. METHODS OF CHEMICAL ANALYSIS BY N H SURMAN
8	OIL AND GREASE BY SOXHLET METHOD	%	BDL	<4.00	SOXHLET METHOD
9	*ANNEALING LOSS AT 550°C	%	13.89	<20.0	STD. METHODS OF CHEMICAL ANALYSIS BY N H SURMAN
10	ASH CONTENT AT 800°C	%	80.59	---	IS 1448 (PART-4) :1984
11	*FLAMMABILITY TEST	-	Not Flammable	Not Flammable	QUALITATIVE ORGANIC ANALYSIS
12	*COMPATIBILITY TEST	-	Compatible	---	---
13	*PFLT TEST	-	Pass	---	USEPA METHOD 9095B
14	*LRT TEST	ml	0.0	<3.0	USEPA 9096
15	PHENOLIC COMPOUNDS (10% SOLN)	mg/Ltr.	BDL	<100	APHA 5530-D
16	LEAD (10% SOLN)	mg/Ltr.	BDL	<2.0	APHA 3111-PB-B, 3-20 TO 3-21, 23RD ED.2017
17	CADMIUM (10% SOLN)	mg/Ltr.	0.0031	<0.2	APHA 3111-CD- B, 3-20 TO 3-21, 23RD ED.
18	TOTAL CHROMIUM (10% SOLN)	mg/Ltr.	0.0193	<0.5	APHA 3111-CR-B 3-20 TO 3-21, 23RD ED.2017
19	COPPER (10% SOLN)	mg/Ltr.	BDL	<10.0	APHA 3111-CU-B 3-20 TO 3-21, 23RD ED.2017
20	NICKEL (10% SOLN)	mg/Ltr.	BDL	<3.0	APHA 3111-NI- B, 3-20 TO 3-21, 23RD ED. 2017



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Page: 2 of 2

Barcode Id d9cb82949e Report No/Sample ID TC81415936185291 P Report Date 31-Oct-20

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
21	MERCURY (10% SOLN)	mg/Ltr.	BDL	<0.1	APHA 3111-HG-B
22	ZINC (10% SOLN)	mg/Ltr.	BDL	<10.0	APHA 3111-ZN- B, 3-20 TO 3-21, 23RD ED.2017
23	FLUORIDE (10% SOLN)	mg/Ltr.	BDL	<50.0	APHA 4500--F- C
24	AMMONIACAL NITROGEN (10% SOLN)	mg/Ltr.	22	<1000	APHA 4500 NH3 C
25	*CYANIDE (10% SOLN)	mg/Ltr.	BDL	<2.0	APHA 4500-CN
26	NITRATE (10% SOLN)	mg/Ltr.	19.942	<30.0	APHA 4500-NO3- D, 4-129 TO 4-130, 23RD ED.2017
27	*COD (10% SOLN)	mg/Ltr.	103	---	APHA 5220-B

* Parameters are not in NABL scope

Remarks: Sample suitable for Landfill.

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


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For BEIL Infrastructure Ltd.


AUTHORIZED BY

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To:

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	*ANNEALING LOSS	COMPARISON WITH STD	COMPATIBILITY TEST	FLAMMABILITY TEST	LRT TEST	METAL STABILIZATION REQUIRED	MOISTURE CONTENT	ODOR	PFLT TEST	PH
10	13b5b67797			30-SEP-20 22:15:50	01-Oct-2020 03.25	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	1560.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
11	4181c00a6a			30-SEP-20 22:54:58	01-Oct-2020 03.29	INCINERATION ASH (36.2)	SOLID	P_1 LIME ASH	990.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
12	e35382e344			30-SEP-20 23:14:49	01-Oct-2020 03.25	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	3910.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
13	eb723ade41			30-SEP-20 23:50:44	01-Oct-2020 03.29	INCINERATION ASH (36.2)	SOLID	P_1 LIME ASH	1730.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
14	3c31fc17b4			01-OCT-20 00:45:03	01-Oct-2020 03.29	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	1360.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
15	dc937a029b			01-OCT-20 00:54:58	01-Oct-2020 03.29	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	1020.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
16	53d0345ed3			01-OCT-20 01:04:06	01-Oct-2020 03.29	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2200.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
17	a16acb408c			01-OCT-20 01:28:09	01-Oct-2020 03.29	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	1580.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
18	b2a4a5f0ea			01-OCT-20 01:34:39	01-Oct-2020 06.36	INCINERATION ASH (36.2)	SOLID	P_1 LIME ASH	1510.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To:

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	*ANNEALING LOSS	COMPARISON WITH STD	COMPATIBILITY TEST	FLAMMABILITY TEST	LRT TEST	METAL STABILIZATION REQUIRED	MOISTURE CONTENT	ODOR	PFLT TEST	PH
19	3ff1b4b63e			01-OCT-20 02:10:29	01-Oct-2020 06.29	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	1110.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
20	c2f05c01c1			01-OCT-20 02:12:12	01-Oct-2020 06.29	INCINERATION ASH (36.2)	SOLID	P_1 BURNT ASH	4190.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
21	61e6dd2fdb			01-OCT-20 02:42:57	01-Oct-2020 06.36	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	1280.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
22	3367c5cd55			01-OCT-20 03:08:08	01-Oct-2020 06.29	INCINERATION ASH (36.2)	SOLID	P_1 BURNT ASH	2580.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
23	bcd684463			01-OCT-20 03:17:55	01-Oct-2020 06.36	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	1420.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
24	55cdcc9d20			01-OCT-20 03:50:58	01-Oct-2020 06.36	INCINERATION ASH (36.2)	SOLID	P_1 LIME ASH	1810.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
25	923d2eb6ff			01-OCT-20 04:24:11	01-Oct-2020 06.36	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	2310.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
26	5ecaac7760			01-OCT-20 04:56:08	01-Oct-2020 06.36	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2600.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
27	18da7157b6			01-OCT-20 05:22:29	01-Oct-2020 06.36	INCINERATION ASH (36.2)	SOLID	P_1 LIME ASH	1690.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To:

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	*ANNEALING LOSS	COMPARISON WITH STD	COMPATIBILITY TEST	FLAMMABILITY TEST	LRT TEST	METAL STABILIZATION REQUIRED	MOISTURE CONTENT	ODOR	PFLT TEST	PH
2890	7d64d492a0			31-OCT-20 15:25:08	31-Oct-2020 17.54	INSULATION WASTE (31.1)	NON RECYCLE WASTE	BEIL INSULATION WASTE	560.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
2891	97a5661019			31-OCT-20 15:36:49	31-Oct-2020 19.47	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	15110.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	13.0	NO	63.72	ODOURLESS	PASS	7.5
2892	2492b8d520			31-OCT-20 15:38:14	31-Oct-2020 19.45	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	13930.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	12.4	NO	66.21	ODOURLESS	PASS	7.5
2893	0b503c5c1c			31-OCT-20 15:50:08	31-Oct-2020 17.56	INSULATION WASTE (31.1)	NON RECYCLE WASTE	INSULATION WASTE	835.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
2894	8d8da01f27			31-OCT-20 15:51:39	31-Oct-2020 16.41	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	1760.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
2895	d3458cbe4			31-OCT-20 15:55:44	31-Oct-2020 18.41	KITCHEN/GARDEN WASTE, CONSTRUCTION WASTE (NO CATEGORY)	SOLID	KITCHEN WASTE	2470.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
2896	b802856c67			31-OCT-20 16:23:46	31-Oct-2020 18.01	INCINERATION ASH (36.2)	SOLID	P_1 LIME ASH	1640.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
2897	ed79a4f591			31-OCT-20 16:33:59	31-Oct-2020 18.14	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2160.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
2898	54badb5292			31-OCT-20 16:35:43	31-Oct-2020 18.14	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2120.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	

Receipt Date From:
Receipt Date To:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	*ANNEALING LOSS	COMPARISON WITH STD	COMPATIBILITY TEST	FLAMMABILITY TEST	LRT TEST	METAL STABILIZATION REQUIRED	MOISTURE CONTENT	ODOR	PFLT TEST	PH
2899	cc9f7fc0b0			31-OCT-20 16:49:27	31-Oct-2020 18.38	KITCHEN/GARDEN WASTE, CONSTRUCTION WASTE (NO CATEGORY)	SOLID	KITCHEN WASTE	1490.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
2900	5525edbb9b			31-OCT-20 16:55:14	31-Oct-2020 19.44	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	17030.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	14.0	NO	48.37	ODOURLESS	NOT PASS	7.5
2901	04d902f11e			31-OCT-20 16:56:15	31-Oct-2020 18.44	NON RECYCLE WASTE (33.3)	NON RECYCLE WASTE	NRP WASTE	2880.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
2902	cccbbcbbab6			31-OCT-20 16:59:17	31-Oct-2020 19.49	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	14060.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	7.2	NO	62.85	ODOURLESS	PASS	7.5
2903	ef38c1cea3			31-OCT-20 17:00:26	31-Oct-2020 19.48	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	20630.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	8.2	NO	39.27	ODOURLESS	PASS	7.5
2904	15098b08b7			31-OCT-20 17:02:14	31-Oct-2020 19.48	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	20140.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	13.0	NO	45.56	ODOURLESS	PASS	7.5
2905	5410ce7910			31-OCT-20 17:20:15	31-Oct-2020 18.07	INSULATION WASTE (31.1)	NON RECYCLE WASTE	BEIL INSULATION WASTE	400.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
2906	8f2e47cefb			31-OCT-20 17:22:44	31-Oct-2020 18.14	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	990.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
2907	f7c3e44f16			31-OCT-20 17:24:27	31-Oct-2020 18.14	INCINERATION ASH (36.2)	SOLID	P_2 GCT ASH	4680.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	

Receipt Date From:
Receipt Date To:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	*ANNEALING LOSS	COMPARISON WITH STD	COMPATIBILITY TEST	FLAMMABILITY TEST	LRT TEST	METAL STABILIZATION REQUIRED	MOISTURE CONTENT	ODOR	PFLT TEST	PH
2971	f01d5b5ea4			01-NOV-20 13:27:27	01-Nov-2020 19.52	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	15860.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	6.94	ODOURLESS	PASS	7.5
2972	83c77fb524			01-NOV-20 13:28:53	01-Nov-2020 19.24	NON RECYCLE WASTE (33.3)	NON RECYCLE WASTE	NRP WASTE	1490.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
2973	f2ae247a0c			01-NOV-20 13:31:59	01-Nov-2020 19.52	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	10900.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	9.38	ODOURLESS	PASS	7.5
2974	101da324f7			01-NOV-20 13:33:08	01-Nov-2020 19.51	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	11615.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	8.26	ODOURLESS	PASS	7.5
2975	c6eade98db			01-NOV-20 13:40:19	01-Nov-2020 19.38	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	18650.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	8.5	NO	52.18	ODOURLESS	PASS	7.5
2976	e2dea01cc2			01-NOV-20 13:43:36	01-Nov-2020 19.32	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	16030.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	13.0	NO	47.42	ODOURLESS	NOT PASS	7.5
2977	066067c2ce			01-NOV-20 13:45:06	01-Nov-2020 19.38	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	17060.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	6.8	NO	29.14	ODOURLESS	PASS	7.5
2978	3fbab0fcb4			01-NOV-20 13:46:28	01-Nov-2020 19.32	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	13320.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	16.2	NO	46.13	ODOURLESS	NOT PASS	7.5
2979	fd2bfdc966			01-NOV-20 13:48:17	01-Nov-2020 19.38	PROCESS RESIDUE WASTE (29.1)	SOLID	PROCESS RESIDUE WASTE	17540.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	1.0	NO	23.78	ODOURLESS	PASS	7.5

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To:

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	*ANNEALING LOSS	COMPARISON WITH STD	COMPATIBILITY TEST	FLAMMABILITY TEST	LRT TEST	METAL STABILIZATION REQUIRED	MOISTURE CONTENT	ODOR	PFLT TEST	PH
2980	0df7e831ae			01-NOV-20 13:51:18	01-Nov-2020 22.29	KITCHEN/GARDEN WASTE, CONSTRUCTION WASTE (NO CATEGORY)	SOLID	KITCHEN WASTE	2000.00		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
2981	120ca1f651			01-NOV-20 13:54:16	01-Nov-2020 19.38	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	19020.00		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	17.4	NO	43.75	ODOURLESS	PASS	7.5
2982	1e165a6db7			01-NOV-20 14:00:46	01-Nov-2020 19.33	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	22260.00		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	15.0	NO	41.65	ODOURLESS	NOT PASS	7.5
2983	563e4c9d38			01-NOV-20 14:08:12	01-Nov-2020 14.52	INCINERATION ASH (36.2)	SOLID	P_2 GCT ASH	3250.00		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
2984	ca3cb8835a			01-NOV-20 14:17:15	01-Nov-2020 19.38	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	21670.00		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	16.0	NO	42.62	ODOURLESS	PASS	7.5
2985	76a42edc90			01-NOV-20 14:25:39	01-Nov-2020 22.31	KITCHEN/GARDEN WASTE, CONSTRUCTION WASTE (NO CATEGORY)	SOLID	KITCHEN WASTE	2400.00		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
2986	0e94796acc			01-NOV-20 14:27:49	01-Nov-2020 19.39	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	15990.00		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	17.0	NO	44.21	ODOURLESS	PASS	7.5
2987	67411061ba			01-NOV-20 14:31:30	01-Nov-2020 16.10	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2840.00		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
2988	b039ae1c59			01-NOV-20 14:35:02	01-Nov-2020 16.09	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2810.00		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	

Receipt Date From:
Receipt Date To:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	*ANNEALING LOSS	COMPARISON WITH STD	COMPATIBILITY TEST	FLAMMABILITY TEST	LRT TEST	METAL STABILIZATION REQUIRED	MOISTURE CONTENT	ODOR	PFLT TEST	PH
5923	c3057a243a			30-NOV-20 16:12:50	30-Nov-2020 17.28	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2420.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
5924	019819940b			30-NOV-20 16:19:03	30-Nov-2020 21.39	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	11360.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	11.8	NO	62.11	ODOURLESS	NOT PASS	7.5
5925	a94b1ceca4			30-NOV-20 16:21:15	30-Nov-2020 21.43	RESIDUE/SLUDGES AND FILTER CAKES (16.2)	SOLID	BRINE SLUDGE	23100.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	11.0	NO	40.16	ODOURLESS	PASS	7.5
5926	d39d6c7cdd			30-NOV-20 16:26:53	30-Nov-2020 21.32	INSULATION WASTE (31.1)	NON RECYCLE WASTE	INSULATION WASTE	2260.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
5927	3079237d00			30-NOV-20 16:31:24	30-Nov-2020 21.08	NON RECYCLE WASTE (33.3)	NON RECYCLE WASTE	NRP WASTE	6770.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
5928	5403aaff84			30-NOV-20 16:34:51	30-Nov-2020 21.39	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	19840.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	18.2	NO	44.20	ODOURLESS	NOT PASS	7.5
5929	c8a827e404			30-NOV-20 16:37:36	01-Dec-2020 10.04	PROCESS RESIDUE WASTE (29.1)	SOLID	PROCESS WASTE	15070.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	18.7	NO	70.12	ODOURLESS	NOT PASS	7.5
5930	6a5b4a1a6c			30-NOV-20 16:39:29	01-Dec-2020 09.41	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	15760.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	8.8	NO	32.16	ODOURLESS	PASS	7.5
5931	874aba4bf5			30-NOV-20 16:43:33	30-Nov-2020 17.40	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2110.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	

Receipt Date From:
Receipt Date To:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	*ANNEALING LOSS	COMPARISON WITH STD	COMPATIBILITY TEST	FLAMMABILITY TEST	LRT TEST	METAL STABILIZATION REQUIRED	MOISTURE CONTENT	ODOR	PFLT TEST	PH
5932	c2a8b99b07			30-NOV-20 16:45:44	30-Nov-2020 17.43	INCINERATION ASH (36.2)	SOLID	P_1 BURNT ASH	2120.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
5933	fe44e82a8b			30-NOV-20 16:47:41	30-Nov-2020 17.54	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	1200.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
5934	992817a2ba			30-NOV-20 17:27:21	30-Nov-2020 18.13	INCINERATION ASH (36.2)	SOLID	P_1 GCT ASH	15850.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
5935	9e5d817811			30-NOV-20 17:36:50	01-Dec-2020 09.38	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	15880.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	18.2	NO	66.01	ODOURLESS	PASS	7.5
5936	3cfc428235			30-NOV-20 17:38:41	01-Dec-2020 09.36	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	16330.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	17.8	NO	66.11	ODOURLESS	PASS	7.5
5937	63a39b02c6			30-NOV-20 17:43:07	30-Nov-2020 18.31	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	1890.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
5938	6202531f99			30-NOV-20 17:44:37	30-Nov-2020 22.41	INCINERATION ASH (36.2)	SOLID	P_1 LIME ASH	730.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
5939	ae71214e87			30-NOV-20 17:50:38	30-Nov-2020 18.28	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	1900.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
5940	247e3c3264			30-NOV-20 18:07:01	30-Nov-2020 21.34	NON RECYCLE WASTE (33.3)	NON RECYCLE WASTE	NRP WASTE	2750.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	

Receipt Date From:
Receipt Date To:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	*ANNEALING LOSS	COMPARISON WITH STD	COMPATIBILITY TEST	FLAMMABILITY TEST	LRT TEST	METAL STABILIZATION REQUIRED	MOISTURE CONTENT	ODOR	PFLT TEST	PH
5959	1ab7e6cdf			01-DEC-20 08:06:42	01-Dec-2020 18.58	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	15890.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	18.0	NO	66.11	ODOURLESS	PASS	7.5
5960	053b99e168			01-DEC-20 08:08:20	01-Dec-2020 18.41	INSULATION WASTE (31.1)	NON RECYCLE WASTE	INSULATION WASTE	1620.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
5961	6d0cbe94ba			01-DEC-20 08:09:59	01-Dec-2020 18.59	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	14370.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	21.5	NO	68.01	ODOURLESS	PASS	7.5
5962	55181f6d46			01-DEC-20 08:11:18	01-Dec-2020 18.53	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	14260.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	17.5	NO	34.16	ODOURLESS	PASS	7.5
5963	57b3722ada			01-DEC-20 08:12:40	01-Dec-2020 19.02	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	13200.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	21.8	NO	58.90	ODOURLESS	PASS	7.5
5964	14f27cf099			01-DEC-20 08:25:52	01-Dec-2020 19.02	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	14270.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	22.0	NO	67.40	ODOURLESS	PASS	7.5
5965	260da3a3ef			01-DEC-20 08:31:16	01-Dec-2020 18.53	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	5195.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	25.5	NO	61.44	ODOURLESS	PASS	7.5
5966	807c8ab33f			01-DEC-20 08:32:36	01-Dec-2020 09.52	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	2280.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
5967	6b3216c946			01-DEC-20 08:33:51	01-Dec-2020 09.55	INCINERATION ASH (36.2)	SOLID	P_1 LIME ASH	2060.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	

Receipt Date From:
Receipt Date To:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	*ANNEALING LOSS	COMPARISON WITH STD	COMPATIBILITY TEST	FLAMMABILITY TEST	LRT TEST	METAL STABILIZATION REQUIRED	MOISTURE CONTENT	ODOR	PFLT TEST	PH
5968	914e14ce38			01-DEC-20 08:34:59	01-Dec-2020 18.46	PROCESS RESIDUE WASTE (29.1)	SOLID	PROCESS WASTE	11010.000	10.38	COMPARABLE	COMPATIBLE	NON-FLAMMABLE	9.1	NO	26.95	ODOURLESS	PASS	7.5
5969	a3059b5704			01-DEC-20 08:39:05	01-Dec-2020 18.48	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	11350.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	11.3	NO	42.11	ODOURLESS	PASS	7.5
5970	7b09e98de6			01-DEC-20 08:40:10	01-Dec-2020 18.48	INSULATION WASTE (31.1)	NON RECYCLE WASTE	INSULATION WASTE	1000.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
5971	5e43a3600b			01-DEC-20 08:49:07	01-Dec-2020 09.54	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2630.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
5972	02604d5255			01-DEC-20 08:56:18	01-Dec-2020 09.54	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2030.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
5973	ad96568e0c			01-DEC-20 09:07:53	01-Dec-2020 11.06	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	1910.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
5974	e13d22d5a5			01-DEC-20 09:42:20	01-Dec-2020 18.43	NON RECYCLE WASTE (33.3)	NON RECYCLE WASTE	NRP WASTE	710.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
5975	64f5c7a382			01-DEC-20 09:44:04	01-Dec-2020 19.11	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	11710.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	8.96	ODOURLESS	PASS	7.5
5976	5ef2597ff7			01-DEC-20 09:45:29	01-Dec-2020 19.11	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	10000.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	8.44	ODOURLESS	PASS	7.5

Receipt Date From:
Receipt Date To:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	*ANNEALING LOSS	COMPARISON WITH STD	COMPATIBILITY TEST	FLAMMABILITY TEST	LRT TEST	METAL STABILIZATION REQUIRED	MOISTURE CONTENT	ODOR	PFLT TEST	PH
9091	6a1f7eecbc			31-DEC-20 14:26:23	31-Dec-2020 19.48	INSULATION WASTE (31.1)	NON RECYCLE WASTE	INSULATION WASTE	755.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
9092	dfb1553476			31-DEC-20 14:28:48	31-Dec-2020 19.48	NON RECYCLE WASTE (33.3)	NON RECYCLE WASTE	NRP WASTE	5885.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
9093	dac47fa67e			31-DEC-20 14:30:06	31-Dec-2020 16.06	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	1570.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
9094	e34bbc7d81			31-DEC-20 14:34:25	31-Dec-2020 19.56	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	13630.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	18.0	NO	42.95	ODOURLESS	NOT PASS	7.5
9095	ec8776408f			31-DEC-20 14:35:35	31-Dec-2020 16.07	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2110.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
9096	602ce576e4			31-DEC-20 14:37:21	31-Dec-2020 19.43	INSULATION WASTE (31.1)	NON RECYCLE WASTE	INSULATION WASTE	560.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
9097	733a9d4205			31-DEC-20 14:39:06	31-Dec-2020 16.07	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2720.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
9098	95ae34e714			31-DEC-20 14:40:26	31-Dec-2020 19.52	NON RECYCLE WASTE (33.3)	NON RECYCLE WASTE	NRP WASTE	600.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
9099	6bdbf27007			31-DEC-20 15:02:15	31-Dec-2020 18.23	KITCHEN/GARDEN WASTE, CONSTRUCTION WASTE (NO CATEGORY)	SOLID	KITCHEN WASTE	2060.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	

Receipt Date From:
Receipt Date To:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	*ANNEALING LOSS	COMPARISON WITH STD	COMPATIBILITY TEST	FLAMMABILITY TEST	LRT TEST	METAL STABILIZATION REQUIRED	MOISTURE CONTENT	ODOR	PFLT TEST	PH
9100	a2c96dde40			31-DEC-20 15:14:18	31-Dec-2020 18.23	KITCHEN/GARDEN WASTE, CONSTRUCTION WASTE (NO CATEGORY)	SOLID	KITCHEN WASTE	1990.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
9101	2abef41071			31-DEC-20 15:14:56	31-Dec-2020 18.23	KITCHEN/GARDEN WASTE, CONSTRUCTION WASTE (NO CATEGORY)	SOLID	KITCHEN WASTE	2230.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
9102	dadce79bfd			31-DEC-20 15:15:35	31-Dec-2020 18.23	KITCHEN/GARDEN WASTE, CONSTRUCTION WASTE (NO CATEGORY)	SOLID	KITCHEN WASTE	2470.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
9103	9075a4c458			31-DEC-20 15:16:15	31-Dec-2020 18.23	KITCHEN/GARDEN WASTE, CONSTRUCTION WASTE (NO CATEGORY)	SOLID	KITCHEN WASTE	2130.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
9104	fdc625f07			31-DEC-20 15:17:48	31-Dec-2020 19.49	NON RECYCLE WASTE (33.3)	NON RECYCLE WASTE	NRP WASTE	1760.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
9105	8199f6dead			31-DEC-20 15:19:31	31-Dec-2020 19.56	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	15100.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	16.0	NO	49.48	ODOURLESS	NOT PASS	7.5
9106	166a51a7f9			31-DEC-20 15:28:00	31-Dec-2020 19.57	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	9820.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	1.0	NO	14.25	ODOURLESS	PASS	7.5
9107	6ef3cce758			31-DEC-20 15:29:59	31-Dec-2020 19.49	NON RECYCLE WASTE (33.3)	NON RECYCLE WASTE	NRP WASTE	4340.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
9108	bd9ab6dcc7			31-DEC-20 15:37:35	31-Dec-2020 19.56	ETP SLUDGE (34.3)	SOLID	CHEMICAL SLUDGE	14710.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	10.0	NO	52.13	ODOURLESS	NOT PASS	7.5

Receipt Date From:
Receipt Date To:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	*ANNEALING LOSS	COMPARISON WITH STD	COMPATIBILITY TEST	FLAMMABILITY TEST	LRT TEST	METAL STABILIZATION REQUIRED	MOISTURE CONTENT	ODOR	PFLT TEST	PH
9145	0363f3afbb			01-JAN-21 00:02:07	01-Jan-2021 03.01	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	1470.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
9146	fe7747ebea			01-JAN-21 01:03:43	01-Jan-2021 03.00	INCINERATION ASH (36.2)	SOLID	P_1 LIME ASH	1340.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
9147	a45fcaaa7e			01-JAN-21 01:55:08	01-Jan-2021 06.45	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	1360.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
9148	e73e02881f			01-JAN-21 02:04:33	01-Jan-2021 06.45	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	1360.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
9149	2582355efe			01-JAN-21 02:28:23	01-Jan-2021 06.44	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	2310.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
9150	585a927d86			01-JAN-21 02:53:49	01-Jan-2021 06.43	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	1440.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
9151	8d765a055f			01-JAN-21 03:09:19	01-Jan-2021 06.42	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	1530.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
9152	364f0408a1			01-JAN-21 05:19:21	01-Jan-2021 06.49	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2160.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
9153	5fa2c08521			01-JAN-21 05:22:10	01-Jan-2021 06.48	INCINERATION ASH (36.2)	SOLID	P_1 LIME ASH	1070.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To:

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	*ANNEALING LOSS	COMPARISON WITH STD	COMPATIBILITY TEST	FLAMMABILITY TEST	LRT TEST	METAL STABILIZATION REQUIRED	MOISTURE CONTENT	ODOR	PFLT TEST	PH
9154	5ca13da56c			01-JAN-21 05:24:04	01-Jan-2021 06.47	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	1900.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
9155	29bb3de086			01-JAN-21 05:26:04	01-Jan-2021 06.46	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2050.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
9156	6f60f5eee2			01-JAN-21 08:09:55	01-Jan-2021 09.37	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2420.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
9157	b6c6c06494			01-JAN-21 08:21:32	01-Jan-2021 19.54	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	14080.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	12.20	ODOURLESS	PASS	7.5
9158	aeddc7d9be			01-JAN-21 08:25:53	01-Jan-2021 19.54	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	18350.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	1.0	NO	12.62	ODOURLESS	PASS	7.5
9159	8ea7043dc2			01-JAN-21 08:27:20	01-Jan-2021 19.56	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	15920.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.8	NO	8.92	ODOURLESS	PASS	7.5
9160	de7df2c003			01-JAN-21 08:28:36	01-Jan-2021 09.40	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	3250.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
9161	502fd644dc			01-JAN-21 08:57:35	01-Jan-2021 19.59	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	17800.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	6.2	NO	41.01	ODOURLESS	PASS	7.5
9162	997824387b			01-JAN-21 08:58:38	01-Jan-2021 10.06	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	2130.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	

Receipt Date From:
Receipt Date To:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	*ANNEALING LOSS	COMPARISON WITH STD	COMPATIBILITY TEST	FLAMMABILITY TEST	LRT TEST	METAL STABILIZATION REQUIRED	MOISTURE CONTENT	ODOR	PFLT TEST	PH
12412	bea9342fce			30-JAN-21 12:24:20	30-Jan-2021 13.24	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	3340.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
12413	dcd379a7b1			30-JAN-21 12:28:59	30-Jan-2021 18.16	NON RECYCLE WASTE (33.3)	NON RECYCLE WASTE	NRP WASTE	730.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
12414	15ce4fba31			30-JAN-21 12:30:13	30-Jan-2021 18.16	NON RECYCLE WASTE (33.3)	NON RECYCLE WASTE	NRP WASTE	1920.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
12415	1248d81e04			30-JAN-21 12:32:49	30-Jan-2021 18.18	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	18380.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	22.5	NO	70.27	ODOURLESS	NOT PASS	7.5
12416	6f33f67804			30-JAN-21 12:44:33	30-Jan-2021 18.18	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	16010.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	18.3	NO	66.67	ODOURLESS	PASS	7.5
12417	f01887639a			30-JAN-21 12:45:41	30-Jan-2021 18.18	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	17920.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	17.8	NO	68.10	ODOURLESS	NOT PASS	7.5
12418	55d23921e9			30-JAN-21 12:48:01	30-Jan-2021 18.26	NON RECYCLE WASTE (33.3)	NON RECYCLE WASTE	NRP WASTE	2560.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
12419	9e0866d76b			30-JAN-21 12:49:40	30-Jan-2021 18.19	NON RECYCLE WASTE (33.3)	NON RECYCLE WASTE	NRP WASTE	1740.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
12420	8b071a344d			30-JAN-21 12:50:59	30-Jan-2021 18.28	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	20460.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	10.5	NO	64.21	ODOURLESS	PASS	7.5

Receipt Date From:
Receipt Date To:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	*ANNEALING LOSS	COMPARISON WITH STD	COMPATIBILITY TEST	FLAMMABILITY TEST	LRT TEST	METAL STABILIZATION REQUIRED	MOISTURE CONTENT	ODOR	PFLT TEST	PH
12421	fd72327fcb			30-JAN-21 12:56:42	30-Jan-2021 18.12	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	5255.000	6.80	COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	5.37	ODOURLESS	PASS	7.5
12422	959bd65f72			30-JAN-21 13:11:09	30-Jan-2021 18.28	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	16860.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	20.5	NO	73.53	ODOURLESS	NOT PASS	7.5
12423	08998b305b			30-JAN-21 13:12:34	30-Jan-2021 18.27	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	11005.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	19.5	NO	63.33	ODOURLESS	PASS	7.5
12424	54d6352773			30-JAN-21 13:17:54	30-Jan-2021 18.28	ETP SLUDGE (34.3)	SOLID	CHEMICAL SLUDGE	14300.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	15.0	NO	57.26	ODOURLESS	PASS	7.5
12425	fa2f4e4be2			30-JAN-21 13:21:17	30-Jan-2021 15.00	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2620.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
12426	5af107fe66			30-JAN-21 13:23:46	30-Jan-2021 18.48	ETP SLUDGE (34.3)	SOLID	CHEMICAL SLUDGE	17205.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	2.5	NO	19.56	ODOURLESS	PASS	7.5
12427	aad3a4bb85			30-JAN-21 13:41:24	30-Jan-2021 18.13	NON RECYCLE WASTE (33.3)	NON RECYCLE WASTE	NRP WASTE	1590.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
12428	3abea45db2			30-JAN-21 13:42:35	30-Jan-2021 18.15	INSULATION WASTE (31.1)	NON RECYCLE WASTE	INSULATION WASTE	1120.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
12429	8120dd9826			30-JAN-21 13:44:29	30-Jan-2021 18.48	PROCESS RESIDUE WASTE (29.1)	SOLID	PROCESS WASTE	14940.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	14.25	ODOURLESS	PASS	7.5

Receipt Date From:
Receipt Date To:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	*ANNEALING LOSS	COMPARISON WITH STD	COMPATIBILITY TEST	FLAMMABILITY TEST	LRT TEST	METAL STABILIZATION REQUIRED	MOISTURE CONTENT	ODOR	PFLT TEST	PH
12430	6a51fbd9e6			30-JAN-21 13:45:46	30-Jan-2021 18.48	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	14420.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	16.5	NO	72.70	ODOURLESS	NOT PASS	7.5
12431	d943f4862f			30-JAN-21 13:48:31	30-Jan-2021 18.44	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	9260.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	13.17	ODOURLESS	PASS	7.5
12432	e5756b6c2c			30-JAN-21 13:52:46	30-Jan-2021 18.44	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	9665.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	10.35	ODOURLESS	PASS	7.5
12433	3f5ea8d257			30-JAN-21 13:59:42	30-Jan-2021 18.58	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	13010.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	5.0	NO	36.70	ODOURLESS	PASS	7.5
12434	0749f4ae25			30-JAN-21 14:02:51	30-Jan-2021 18.55	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	15420.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	17.0	NO	69.30	ODOURLESS	PASS	7.5
12435	3ee610599a			30-JAN-21 14:15:57	30-Jan-2021 18.58	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	19480.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	15.0	NO	65.01	ODOURLESS	PASS	7.5
12436	73e1065f3e			30-JAN-21 14:16:59	30-Jan-2021 15.41	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	3040.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
12437	201685c29b			30-JAN-21 14:18:23	30-Jan-2021 18.51	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	14250.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	13.0	NO	65.03	ODOURLESS	NOT PASS	7.5
12438	85da717c46			30-JAN-21 14:28:29	30-Jan-2021 18.55	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	18390.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	9.0	NO	54.02	ODOURLESS	PASS	7.5

Receipt Date From:
Receipt Date To:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	*ANNEALING LOSS	COMPARISON WITH STD	COMPATIBILITY TEST	FLAMMABILITY TEST	LRT TEST	METAL STABILIZATION REQUIRED	MOISTURE CONTENT	ODOR	PFLT TEST	PH
13474	69fb4cf4ff			08-FEB-21 13:19:23	08-Feb-2021 21.59	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	9050.00		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	8.95	ODOURLESS	PASS	7.5
13475	670374c560			08-FEB-21 13:21:04	08-Feb-2021 22.03	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	16050.00		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	19.0	NO	74.2	ODOURLESS	NOT PASS	7.5
13476	da18bc83c4			08-FEB-21 13:24:16	08-Feb-2021 22.11	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	17150.00		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	11.0	NO	45.13	ODOURLESS	NOT PASS	7.5
13477	cd15e31407			08-FEB-21 13:26:39	08-Feb-2021 22.14	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	20575.00		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	19.0	NO	76.14	ODOURLESS	NOT PASS	7.5
13478	3bd38503a5			08-FEB-21 13:28:24	08-Feb-2021 22.16	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	15100.00		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	17.0	NO	78.17	ODOURLESS	NOT PASS	7.5
13479	24d10b340d			08-FEB-21 13:39:45	08-Feb-2021 22.11	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	13820.00		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	21.0	NO	59.24	ODOURLESS	NOT PASS	7.5
13480	077b2be811			08-FEB-21 13:44:29	08-Feb-2021 22.14	PROCESS RESIDUE WASTE (29.1)	SOLID	PROCESS WASTE	14330.00		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	18.0	NO	78.13	ODOURLESS	PASS	7.5
13481	858171c821			08-FEB-21 13:49:45	08-Feb-2021 22.21	RESIDUE/SLUDGES AND FILTER CAKES (16.2)	SOLID	BRINE SLUDGE	22300.00		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	12.0	NO	68.17	ODOURLESS	PASS	7.5
13482	86f81cf45b			08-FEB-21 13:52:04	08-Feb-2021 22.26	RESIDUE/SLUDGES AND FILTER CAKES (16.2)	SOLID	BRINE SLUDGE	25600.00		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	10.0	NO	26.18	ODOURLESS	PASS	7.5

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To:

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	*ANNEALING LOSS	COMPARISON WITH STD	COMPATIBILITY TEST	FLAMMABILITY TEST	LRT TEST	METAL STABILIZATION REQUIRED	MOISTURE CONTENT	ODOR	PFLT TEST	PH
13483	f60e3620e4			08-FEB-21 13:54:40	08-Feb-2021 22.24	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	17670.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	12.0	NO	72.18	ODOURLESS	PASS	7.5
13484	1bd4d820dc			08-FEB-21 13:56:23	08-Feb-2021 14.53	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	3350.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
13485	60141e0271			08-FEB-21 13:57:11	08-Feb-2021 14.55	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2520.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
13486	f98eed1d1			08-FEB-21 14:12:34	08-Feb-2021 22.27	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	6195.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	5.31	ODOURLESS	PASS	7.5
13487	6dd1634ff8			08-FEB-21 14:18:23	08-Feb-2021 22.22	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	5615.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	5.14	ODOURLESS	PASS	7.5
13488	a3963db549			08-FEB-21 14:27:16	09-Feb-2021 11.53	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	15600.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	20.0	NO	77.18	ODOURLESS	NOT PASS	7.5
13489	7f86d9a3e0			08-FEB-21 14:28:30	09-Feb-2021 11.52	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	15320.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	19.0	NO	79.18	ODOURLESS	NOT PASS	7.5
13490	b9b65a1f82			08-FEB-21 14:42:50	08-Feb-2021 15.23	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	3250.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
13491	9550a4b4c3			08-FEB-21 14:44:10	09-Feb-2021 00.01	KITCHEN/GARDEN WASTE, CONSTRUCTION WASTE (NO CATEGORY)	SOLID	KITCHEN WASTE	2410.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	

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FINGERPRINT ANALYSIS REPORT - LANDFILL

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13492	ce2ed1504d			08-FEB-21 14:45:03	08-Feb-2021 22.29	INSULATION WASTE (31.1)	NON RECYCLE WASTE	INSULATION WASTE	620.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
13493	8b901d427b			08-FEB-21 14:48:22	08-Feb-2021 22.33	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	12870.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	13.68	ODOURLESS	PASS	7.5
13494	f0146f3bc5			08-FEB-21 14:53:01	08-Feb-2021 22.32	INSULATION WASTE (31.1)	NON RECYCLE WASTE	INSULATION WASTE	1660.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
13495	831187f0c0			08-FEB-21 14:54:09	09-Feb-2021 00.01	KITCHEN/GARDEN WASTE, CONSTRUCTION WASTE (NO CATEGORY)	SOLID	KITCHEN WASTE	1940.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
13496	56021663e8			08-FEB-21 14:55:36	08-Feb-2021 16.10	INCINERATION ASH (36.2)	SOLID	P_1 LIME ASH	2220.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
13497	7cfecede3d			08-FEB-21 15:20:49	08-Feb-2021 22.38	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	6950.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	15.0	NO	78.16	ODOURLESS	NOT PASS	7.5
13498	4bcd9abb02			08-FEB-21 15:34:21	08-Feb-2021 22.35	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	15000.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	9.21	ODOURLESS	PASS	7.5
13499	f9de9c761f			08-FEB-21 15:43:14	08-Feb-2021 22.38	ETP SLUDGE (34.3)	SOLID	CHEMICAL SLUDGE	19805.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	1.0	NO	17.21	ODOURLESS	PASS	7.5
13500	56d5c49f4e			08-FEB-21 15:56:51	08-Feb-2021 17.12	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	2430.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To:

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13501	cf37a71ad4			08-FEB-21 16:08:11	08-Feb-2021 22.46	COPPER ETCHING RESIDUES (12.7)	SOLID	COPPER SLUDGE	11590.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	5.18	ODOURLESS	PASS	7.5
13502	185a2b9bf9			08-FEB-21 16:09:17	08-Feb-2021 22.43	NON RECYCLE WASTE (33.3)	NON RECYCLE WASTE	NRP WASTE	3280.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
13503	2ac5793aa9			08-FEB-21 16:12:01	09-Feb-2021 00.02	KITCHEN/GARDEN WASTE, CONSTRUCTION WASTE (NO CATEGORY)	SOLID	KITCHEN WASTE	960.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
13504	f8d4050d7c			08-FEB-21 16:12:42	08-Feb-2021 16.56	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2360.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
13505	d56bf16a1e			08-FEB-21 16:26:24	08-Feb-2021 22.46	NON RECYCLE WASTE (33.3)	NON RECYCLE WASTE	NRP WASTE	2710.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
13506	f63bb6871f			08-FEB-21 16:27:40	08-Feb-2021 22.43	NON RECYCLE WASTE (33.3)	NON RECYCLE WASTE	NRP WASTE	1080.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
13507	37d4d4edd0			08-FEB-21 16:30:07	08-Feb-2021 22.50	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	16150.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	15.0	NO	76.12	ODOURLESS	NOT PASS	7.5
13508	041995f470			08-FEB-21 16:32:59	09-Feb-2021 12.20	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	18590.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	13.0	NO	62.18	ODOURLESS	PASS	7.5
13509	41d226e54c			08-FEB-21 16:40:15	08-Feb-2021 19.24	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2120.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	

Receipt Date From:
Receipt Date To:

FINGERPRINT ANALYSIS REPORT - LANDFILL

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13510	b95297360b			08-FEB-21 16:41:50	08-Feb-2021 19.08	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	1810.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
13511	7644f7424f			08-FEB-21 16:49:45	09-Feb-2021 00.04	KITCHEN/GARDEN WASTE, CONSTRUCTION WASTE (NO CATEGORY)	SOLID	KITCHEN WASTE	620.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
13512	694d542e95			08-FEB-21 16:51:17	09-Feb-2021 02.34	KITCHEN/GARDEN WASTE, CONSTRUCTION WASTE (NO CATEGORY)	SOLID	KITCHEN WASTE	1340.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
13513	25fb7b3ff4			08-FEB-21 16:52:49	08-Feb-2021 23.31	RESIDUE/SLUDGES AND FILTER CAKES (16.2)	SOLID	BRINE SLUDGE	21500.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	8.7	NO	29.16	ODOURLESS	PASS	7.5
13514	fc4f204fd3			08-FEB-21 16:53:48	08-Feb-2021 19.14	INCINERATION ASH (36.2)	SOLID	P_1 BURNT ASH	2490.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
13515	fb0363169b			08-FEB-21 16:54:30	09-Feb-2021 00.02	KITCHEN/GARDEN WASTE, CONSTRUCTION WASTE (NO CATEGORY)	SOLID	KITCHEN WASTE	2290.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
13516	2478accacd			08-FEB-21 16:56:40	09-Feb-2021 00.01	KITCHEN/GARDEN WASTE, CONSTRUCTION WASTE (NO CATEGORY)	SOLID	KITCHEN WASTE	2790.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
13517	c6a2033e16			08-FEB-21 16:57:40	09-Feb-2021 00.01	KITCHEN/GARDEN WASTE, CONSTRUCTION WASTE (NO CATEGORY)	SOLID	KITCHEN WASTE	2870.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
13518	e5c0dfd4b9			08-FEB-21 16:58:28	08-Feb-2021 22.51	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	17190.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	23.0	NO	79.21	ODOURLESS	PASS	7.5

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Receipt Date To:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	*ANNEALING LOSS	COMPARISON WITH STD	COMPATIBILITY TEST	FLAMMABILITY TEST	LRT TEST	METAL STABILIZATION REQUIRED	MOISTURE CONTENT	ODOR	PFLT TEST	PH
13519	4272177032			08-FEB-21 17:03:21	09-Feb-2021 09.26	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	16890.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	10.18	ODOURLESS	PASS	7.5
13520	b310d0c4da			08-FEB-21 17:07:13	09-Feb-2021 09.25	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	21010.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	13.24	ODOURLESS	PASS	7.5
13521	c1c6e4f90b			08-FEB-21 17:08:18	10-Feb-2021 09.51	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	8000.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	15.0	NO	72.14	ODOURLESS	PASS	7.5
13522	471d0e710a			08-FEB-21 17:22:21	08-Feb-2021 18.32	INCINERATION ASH (36.2)	SOLID	P_2 GCT ASH	21020.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
13523	fcf0dae4fe			08-FEB-21 17:29:45	08-Feb-2021 19.22	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	3310.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
13524	8a6738705f			08-FEB-21 18:24:16	09-Feb-2021 09.27	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	18620.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.00	NO	7.19	ODOURLESS	PASS	7.5
13525	1231c47581			08-FEB-21 18:25:13	09-Feb-2021 09.29	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	17120.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.00	NO	6.94	ODOURLESS	PASS	7.5
13526	a07d2c8cd6			08-FEB-21 20:51:11	08-Feb-2021 23.53	INCINERATION ASH (36.2)	SOLID	P_1 LIME ASH	1580.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
13527	84eb3367b8			08-FEB-21 21:16:53	08-Feb-2021 23.53	INCINERATION ASH (36.2)	SOLID	P_1 BURNT ASH	3360.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	

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15967	0feda7ca64			01-MAR-21 16:08:56	01-Mar-2021 16.37	INCINERATION ASH (36.2)	SOLID	P_1 LIME ASH	2170.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
15968	c782e3251c			01-MAR-21 16:31:17	02-Mar-2021 08.55	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	3270.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
15969	c3afdd16a5			01-MAR-21 16:45:15	01-Mar-2021 18.09	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	1740.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
15970	ded0937797			01-MAR-21 16:50:02	02-Mar-2021 08.52	KITCHEN/GARDEN WASTE, CONSTRUCTION WASTE (NO CATEGORY)	SOLID	KITCHEN WASTE	1310.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
15971	698495b62c			01-MAR-21 17:10:11	01-Mar-2021 18.07	INCINERATION ASH (36.2)	SOLID	P_1 BURNT ASH	2400.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
15972	0982f4735e			01-MAR-21 17:40:16	01-Mar-2021 18.48	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2540.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
15973	76899624f9			01-MAR-21 17:42:23	01-Mar-2021 18.51	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	1140.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
15974	4c04b3f62f			01-MAR-21 17:43:26	01-Mar-2021 18.50	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2520.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
15975	d37e53e7da			01-MAR-21 17:46:10	01-Mar-2021 18.53	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	15440.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	10.2	NO	40.15	ODOURLESS	PASS	7.5

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15976	3005c0f67a			01-MAR-21 17:47:48	02-Mar-2021 08.53	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	19700.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	9.8	NO	38.74	ODOURLESS	PASS	7.5
15977	20c52f5e3e			01-MAR-21 18:01:25	01-Mar-2021 18.52	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	21055.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	1.8	NO	15.18	ODOURLESS	PASS	7.5
15978	3dc6e1086d			01-MAR-21 18:38:12	02-Mar-2021 08.53	INCINERATION ASH (36.2)	SOLID	P_1 BURNT ASH	2360.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
15979	a55226cba4			01-MAR-21 20:56:47	01-Mar-2021 22.49	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2780.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
15980	744985d778			01-MAR-21 20:58:43	01-Mar-2021 22.49	INCINERATION ASH (36.2)	SOLID	P_1 LIME ASH	1970.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
15981	9714b5a3c0			01-MAR-21 21:03:15	01-Mar-2021 22.49	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2230.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
15982	01085c796b			01-MAR-21 21:14:31	01-Mar-2021 22.50	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	1910.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
15983	e95bea1e63			01-MAR-21 22:04:37	01-Mar-2021 22.50	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	1860.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
15984	578d93e0e0			01-MAR-21 22:07:02	01-Mar-2021 22.50	INCINERATION ASH (36.2)	SOLID	P_1 BURNT ASH	2570.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	

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15985	ad4968122f			01-MAR-21 22:11:15	01-Mar-2021 22.49	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	1960.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
15986	6113b2b4df			01-MAR-21 22:14:46	01-Mar-2021 22.49	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	1990.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
15987	cac72e8740			01-MAR-21 23:02:31	02-Mar-2021 00.35	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	1870.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
15988	a44ea69436			01-MAR-21 23:03:43	02-Mar-2021 00.34	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	1120.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
15989	662a831f2b			01-MAR-21 23:08:01	02-Mar-2021 00.33	INCINERATION ASH (36.2)	SOLID	P_1 GCT ASH	3410.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
15990	bd6886a217			02-MAR-21 00:40:37	02-Mar-2021 05.57	INCINERATION ASH (36.2)	SOLID	P_2 GCT ASH	3120.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
15991	86fdf8a756			02-MAR-21 00:41:51	02-Mar-2021 05.56	INCINERATION ASH (36.2)	SOLID	P_1 BURNT ASH	1770.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
15992	b7a72c2fae			02-MAR-21 01:42:36	02-Mar-2021 05.56	INCINERATION ASH (36.2)	SOLID	P_1 LIME ASH	1990.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
15993	552dc1c0d4			02-MAR-21 01:44:17	02-Mar-2021 05.54	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	1630.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	

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18496	7f073d67c7			31-MAR-21 14:36:25	31-Mar-2021 14.58	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	2340.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
18497	956cd230f1			31-MAR-21 14:55:27	31-Mar-2021 15.36	KITCHEN/GARDEN WASTE, CONSTRUCTION WASTE (NO CATEGORY)	SOLID	KITCHEN WASTE	2470.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
18498	89abc29fc1			31-MAR-21 14:56:44	31-Mar-2021 15.38	KITCHEN/GARDEN WASTE, CONSTRUCTION WASTE (NO CATEGORY)	SOLID	KITCHEN WASTE	1060.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
18499	50bfc7ae8e			31-MAR-21 15:31:52	31-Mar-2021 15.40	KITCHEN/GARDEN WASTE, CONSTRUCTION WASTE (NO CATEGORY)	SOLID	KITCHEN WASTE	1790.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
18500	ca1c94f596			31-MAR-21 15:32:31	31-Mar-2021 15.39	KITCHEN/GARDEN WASTE, CONSTRUCTION WASTE (NO CATEGORY)	SOLID	KITCHEN WASTE	1540.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
18501	ec8d403cb4			31-MAR-21 16:00:04	31-Mar-2021 16.07	KITCHEN/GARDEN WASTE, CONSTRUCTION WASTE (NO CATEGORY)	SOLID	KITCHEN WASTE	1940.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
18502	2148a9a2e9			31-MAR-21 16:00:49	31-Mar-2021 16.07	KITCHEN/GARDEN WASTE, CONSTRUCTION WASTE (NO CATEGORY)	SOLID	KITCHEN WASTE	2520.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
18503	d7c67110ff			31-MAR-21 16:06:19	31-Mar-2021 18.53	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2760.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
18504	9b33c01d59			31-MAR-21 16:13:15	31-Mar-2021 18.49	INCINERATION ASH (36.2)	SOLID	P_1 BURNT ASH	3760.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	

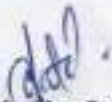
Receipt Date From:
Receipt Date To:

FINGERPRINT ANALYSIS REPORT - LANDFILL


Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	*ANNEALING LOSS	COMPARISON WITH STD	COMPATIBILITY TEST	FLAMMABILITY TEST	LRT TEST	METAL STABILIZATION REQUIRED	MOISTURE CONTENT	ODOR	PFLT TEST	PH
18505	e68e742177			31-MAR-21 16:17:19	31-Mar-2021 18.52	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2550.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
18506	02290ff1cf			31-MAR-21 16:18:50	31-Mar-2021 18.55	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	2030.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
18507	a7452d2d9e			31-MAR-21 17:07:00	31-Mar-2021 18.57	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	2320.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
18508	56f3c03594			31-MAR-21 17:16:29	31-Mar-2021 18.48	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2920.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	
18509	c96bd5968f			31-MAR-21 17:49:31	31-Mar-2021 18.52	INCINERATION ASH (36.2)	SOLID	P_1 GCT ASH	20230.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS	PASS	

Phase - I Monitoring of Gas Vent Provided in SLF Annexure - V Page 1/3

Sr. No.	Location	VOC			H ₂ S		
		Results in ppb			Results in ppm		
		15-Oct-20	12-Nov-20	17-Dec-20	15-Oct-20	12-Nov-20	17-Dec-20
1	VENT -08	BDL	BDL	BDL	BDL	BDL	BDL
2	VENT -09	BDL	BDL	BDL	BDL	BDL	1.0
3	VENT -11	BDL	BDL	1.0	BDL	BDL	BDL
4	VENT -14	BDL	BDL	BDL	BDL	BDL	BDL
5	VENT -15	1.0	BDL	BDL	BDL	BDL	BDL
6	VENT -17	BDL	BDL	BDL	BDL	BDL	BDL
7	VENT -18	BDL	BDL	BDL	BDL	BDL	BDL
8	VENT -19	BDL	1.0	BDL	BDL	BDL	BDL
9	VENT -21	BDL	BDL	BDL	BDL	BDL	BDL
10	VENT -22	BDL	BDL	BDL	1.0	BDL	BDL
11	VENT -23	BDL	BDL	BDL	BDL	BDL	BDL
12	VENT -24	BDL	BDL	BDL	BDL	BDL	BDL
13	VENT -25	BDL	BDL	BDL	BDL	BDL	BDL


Mr. Ajay Patel
 (Executive -QA)

FOR BEIL INFRASTRUCTURE LTD.


Mr. Sathish Gaddam
 (Sr. Manager-QA)

Phase - II Monitoring of Gas Vent Provided in SLF Annexure - V Page 2/3

Sr. No.	Location	VOC			H ₂ S		
		Results in ppb			Results in ppm		
		15-Oct-20	12-Nov-20	17-Dec-20	15-Oct-20	12-Nov-20	17-Dec-20
7	VENT -7	BDL	BDL	BDL	BDL	BDL	BDL
8	VENT -8	BDL	BDL	1	BDL	BDL	BDL
9	VENT -9	BDL	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
14	VENT -14	BDL	BDL	BDL	BDL	BDL	BDL
15	VENT -15	BDL	BDL	BDL	BDL	BDL	BDL
16	VENT -16	1	BDL	BDL	BDL	BDL	BDL
17	VENT -17	BDL	BDL	BDL	BDL	BDL	BDL
18	VENT -18	BDL	BDL	BDL	BDL	BDL	BDL
19	VENT -19	BDL	BDL	BDL	BDL	BDL	BDL
20	VENT -20	BDL	BDL	BDL	1	BDL	BDL
21	VENT -21	BDL	1	BDL	BDL	BDL	BDL
23	VENT -23	BDL	BDL	BDL	BDL	1	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	1
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
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
33	VENT -33	BDL	BDL	BDL	BDL	BDL	BDL
34	VENT -34	BDL	BDL	BDL	BDL	BDL	BDL
35	VENT -35	BDL	BDL	BDL	BDL	BDL	BDL
36	VENT -36	BDL	BDL	BDL	BDL	BDL	BDL
37	VENT -37	BDL	BDL	BDL	BDL	1	BDL
38	VENT -38	1	BDL	BDL	BDL	BDL	1
39	VENT -39	BDL	BDL	BDL	BDL	BDL	BDL
40	VENT -40	BDL	1	BDL	BDL	BDL	BDL
41	VENT -41	BDL	BDL	BDL	BDL	BDL	BDL
42	VENT -42	BDL	BDL	BDL	1	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	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	1	BDL	BDL	1
52	VENT -52	BDL	BDL	BDL	BDL	BDL	BDL
53	VENT -53	BDL	BDL	BDL	BDL	BDL	BDL

* FOR BEIL INFRASTRUCTURE LTD.


Mr. Ajay Patel
Mr. Ajay Patel
(Executive -QA)

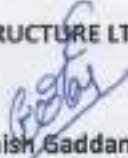
Mr. Sathish Gaddam
Mr. Sathish Gaddam
(Sr. Manager-QA)

Phase - III Monitoring of Gas Vent Provided in SLF Annexure - V Page 3/3

Sr. No.	Location	VOC			H ₂ S		
		Results in ppb			Results in ppm		
		15-Oct-20	12-Nov-20	17-Dec-20	15-Oct-20	12-Nov-20	17-Dec-20
1	VENT -1	BDL	BDL	BDL	BDL	BDL	BDL
2	VENT -2	BDL	BDL	BDL	BDL	BDL	BDL
3	VENT -3	BDL	BDL	BDL	1	BDL	BDL
4	VENT -4	BDL	BDL	BDL	BDL	BDL	BDL
5	VENT -5	1	BDL	BDL	BDL	BDL	1
6	VENT -6	BDL	BDL	BDL	BDL	BDL	BDL
7	VENT -7	BDL	BDL	BDL	BDL	BDL	BDL
8	VENT -8	BDL	BDL	BDL	BDL	BDL	BDL
9	VENT -9	BDL	BDL	BDL	BDL	BDL	BDL
10	VENT -10	BDL	1	BDL	BDL	BDL	BDL
11	VENT -11	BDL	BDL	BDL	BDL	1	BDL
12	VENT -12	BDL	BDL	1	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

FOR BEIL INFRASTRUCTURE LTD.



Mr. Ajay Patel
(Executive -QA)


Mr. Sathish Gaddam
(Sr. Manager-QA)

Phase - I Monitoring of Gas Vent Provided in SLF Annexure - V Page 1/3

Sr. No.	Location	VOC			H ₂ S		
		Results in ppb			Results in ppm		
		17-Jan-21	15-Feb-21	13-Mar-21	17-Jan-21	15-Feb-21	13-Mar-21
1	VENT -01	BDL	BDL	BDL	BDL	BDL	BDL
2	VENT -02	BDL	BDL	BDL	BDL	BDL	BDL
3	VENT -03	BDL	BDL	1.0	BDL	BDL	BDL
4	VENT -04	BDL	BDL	BDL	BDL	BDL	BDL
5	VENT -05	BDL	BDL	BDL	BDL	BDL	BDL
6	VENT -06	BDL	BDL	BDL	BDL	BDL	1.0
7	VENT -07	BDL	BDL	BDL	BDL	BDL	BDL
8	VENT -08	BDL	1.0	BDL	BDL	BDL	BDL
9	VENT -09	BDL	BDL	BDL	BDL	BDL	BDL
10	VENT -10	BDL	BDL	BDL	1.0	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	1.0	BDL	BDL	BDL	BDL
15	VENT -15	1	BDL	BDL	BDL	BDL	BDL
16	VENT -16	BDL	BDL	BDL	1.0	BDL	BDL
17	VENT -17	BDL	1.0	BDL	BDL	BDL	BDL
18	VENT -18	BDL	BDL	BDL	BDL	BDL	BDL
19	VENT -19	BDL	BDL	BDL	1.0	BDL	BDL
20	VENT -20	BDL	1.0	BDL	BDL	BDL	BDL
21	VENT -21	BDL	BDL	BDL	BDL	BDL	BDL


Mr. Ajay Patel
 (Executive -QA)

FOR BEIL INFRASTRUCTURE LTD.

Mr. Sathish Gaddam
 (Sr. Manager-QA)

Phase - II Monitoring of Gas Vent Provided in SLF Annexure - V Page 2/3

Sr. No.	Location	VOC			H ₂ S		
		Results in ppb			Results in ppm		
		17-Jan-21	15-Feb-21	13-Mar-21	17-Jan-21	15-Feb-21	13-Mar-21
1	VENT -01	BDL	BDL	BDL	BDL	BDL	BDL
2	VENT -02	BDL	BDL	1.0	BDL	BDL	BDL
3	VENT -03	BDL	BDL	BDL	BDL	BDL	BDL
4	VENT -04	BDL	BDL	BDL	BDL	BDL	BDL
5	VENT -05	BDL	BDL	BDL	BDL	BDL	BDL
6	VENT -06	BDL	BDL	BDL	BDL	BDL	BDL
7	VENT -07	BDL	BDL	BDL	BDL	BDL	BDL
8	VENT -08	BDL	BDL	BDL	BDL	BDL	BDL
9	VENT -09	1.0	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	1.0	BDL	BDL
14	VENT -14	BDL	1.0	BDL	BDL	BDL	BDL
15	VENT -15	BDL	BDL	BDL	BDL	1.0	BDL
16	VENT -16	BDL	BDL	BDL	BDL	BDL	BDL
17	VENT -17	BDL	BDL	BDL	BDL	BDL	BDL
18	VENT -18	BDL	BDL	BDL	BDL	BDL	1.0
19	VENT -19	BDL	BDL	BDL	BDL	BDL	BDL
20	VENT -20	BDL	BDL	BDL	BDL	BDL	BDL
21	VENT -21	BDL	BDL	BDL		BDL	BDL
22	VENT -22	BDL	BDL	BDL	BDL	BDL	BDL
23	VENT -23	BDL	BDL	BDL	BDL	BDL	BDL
24	VENT -24	BDL	1.0	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	1.0	BDL
30	VENT -30	1.0	BDL	BDL	BDL	BDL	1.0
31	VENT -31	BDL	BDL	BDL	BDL	BDL	BDL
32	VENT -32	BDL	1.0	BDL	BDL	BDL	BDL
33	VENT -33	BDL	BDL	BDL	BDL	BDL	BDL

FOR BEIL INFRASTRUCTURE LTD.

(Signature)
Mr. Ajay Patel
(Executive -QA)

(Signature)
Mr. Sathish Gaddam
(Sr. Manager-QA)

Phase - III Monitoring of Gas Vent Provided in SLF Annexure - V Page 3/3

Sr. No.	Location	VOC			H ₂ S		
		Results in ppb			Results in ppm		
		17-Jan-21	15-Feb-21	13-Mar-21	17-Jan-21	15-Feb-21	13-Mar-21
1	VENT -1	BDL	BDL	BDL	BDL	BDL	BDL
2	VENT -2	BDL	BDL	BDL	BDL	BDL	BDL
3	VENT -3	BDL	BDL	BDL	1.0	BDL	BDL
4	VENT -4	BDL	BDL	BDL	BDL	BDL	BDL
5	VENT -5	1.0	BDL	BDL	BDL	BDL	1.0
6	VENT -6	BDL	BDL	BDL	BDL	BDL	BDL
7	VENT -7	BDL	BDL	BDL	BDL	BDL	BDL
8	VENT -8	BDL	BDL	BDL	BDL	BDL	BDL
9	VENT -9	BDL	BDL	BDL	BDL	BDL	BDL
10	VENT -10	BDL	1.0	BDL	BDL	BDL	BDL
11	VENT -11	BDL	BDL	BDL	BDL	1.0	BDL
12	VENT -12	BDL	BDL	1.0	BDL	BDL	BDL


Mr. Ajay Patel
 (Executive -QA)

FOR BEIL INFRASTRUCTURE LTD.


Mr. Sathish Gaddam
 (Sr. Manager-QA)



BEIL INFRASTRUCTURE LIMITED

(Formerly Known As Bharuch Enviro Infrastructure Limited)

Ref.: BEIL/ANK/OEP/2020-21

September 29, 2020

To,

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

Sub: Submission of On-Site Emergency Plan for the year 2020-21.

Dear Sir,


Herewith, we are submitting the "On-Site Emergency Plan" updated in October-2020 for the year of 2020-21.

This is for your kind information & record please.

Thanking you,

For, BEIL Infrastructure Limited, Ankleshwar.


(Authorized Signatory)


જાલજી
રાજ્ય સુધારણા ઓફિસ
સલામતી અને આરોગ્ય
ભાગ



BUREAU
VERITAS

Bureau Veritas Certification

BEIL INFRASTRUCTURE LIMITED



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

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organization 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
Expiry date of previous cycle For ISO 14001:	27 March 2018
Expiry date of previous cycle For ISO 45001:	Not Applicable
Recertification Audit date For ISO 14001:	14 March 2018
Recertification Audit date For ISO 45001:	18 March 2020
Recertification cycle start date For ISO 14001:	27 March 2018
Recertification cycle start date For ISO 45001:	22 May 2020

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: **27 March 2021**

Certificate No. **IND18.8597U/E/HS** Version : 3 Revision date: **22 May 2020**

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

Certification body address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom.

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



0008

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



TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Page: 1 of 2

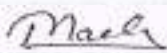
Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No.	: PL/BL 0265
	Issue Date	: 28/10/2020
	Customer's Ref.	: W.O.No. 8520210010 Dated:06/04/2020

Description of Sample	: Soil Sample	Quantity/No. of Samples	: 02 Kg/ Three
Date of Sampling	: 18/10/2020	Sampling Procedure	: USEPA/IS 2720 etc.
Sampling By	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: USEPA/IS 2720 etc.
Sample Receipt Date	: 19/10/2020	Lab ID/Sub.	: BL/2010/29 TO 31
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 19/10/2020	Date of Completion of Test	: 26/10/2020
Test Method	: USEPA/IS 2720 etc.		

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT			Methods
			Kosamdi (N - 21° 34' 56.2" E - 73° 02' 8.3")	Kapodra (N - 21° 35' 39.5" E - 73° 00'30.1")	Bhadkodra (N - 21° 36' 10.5" E - 73° 00' 30.3")	
1	pH	--	8.90	8.86	8.69	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.93	1.81	1.96	IS:2720 (Part-22):2015
3	Organic Matter	%	3.32	3.12	3.37	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	0.025	0.035	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3114 APHA(23 rd 2017)3114-B
7	Nickel as Ni by TCLP	mg/l	0.56	0.53	0.64	USEPA 1311 APHA(23 rd 2017)3111-B
8	Zinc as Zn by TCLP	mg/l	0.53	0.52	0.78	USEPA 1311 APHA(23 rd 2017)3111-B
9	Copper as Cu by TCLP	mg/l	0.45	0.39	0.70	USEPA 1311 APHA(23 rd 2017)3111-B
10	Iron as Fe by TCLP	mg/l	5.96	5.12	0.69	USEPA 1311 APHA(23 rd 2017)3111-B
11	Manganese as Mn by TCLP	mg/l	16.3	11.6	13.2	USEPA 1311 APHA(23 rd 2017)3111-B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3500-B
14	Mercury By TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3112-B
15	PAH	mg/Kg	BDL*	BDL*	BDL*	USEPA 3540-C
16	Texture	--	Sandy loam	Sandy loam	Loam	Soil Manual of India

Continue..

MackySuraliwala
Sr. Scientist

Dr. ArunBajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

● FSSAI Approved Lab ● Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986 ● GPCB approved schedule II auditor ● ISO 14001 : 2004 ● OHSAS 18001 : 2007 ● ISO 9001 : 2008

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Page: 1 of 2

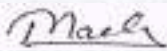
Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002

Test Report No. : **PL/BL 0265**
 Issue Date : **28/10/2020**
 Customer's Ref. : **W.O.No. 8520210010**
 Dated: **06/04/2020**

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT			Methods
			Kosamdi (N - 21° 34' 56.2" E - 73° 02' 8.3")	Kapodra (N - 21° 35' 39.5" E - 73° 00' 30.1")	Bhadkodra (N - 21° 36' 10.5" E - 73° 00' 30.3")	
17	Sand	%	59	60	50	Soil Manual of India
18	Clay	%	17	9	19	Soil Manual of India
19	Silt	%	24	31	31	Soil Manual of India
20	Porosity	%	40	35	40	P.K gupta : 2004
21	Cation Exchange Capacity	meq/100 gm	11.6	9.4	9.8	Soil Manual of India
22	Water Holding capacity	%	42	50	49.2	Soil Manual of India
23	Bulk Density	gm/cm ³	1.40	1.42	1.2	P.K gupta : 2004
24	SAR	-	8.33	5.01	6.06	By Calculation
25	Available Nitrogen	mg/Kg	86	87	93	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	693	806	796	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	110	93	87	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	8.2	10.2	8.96	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	64	36	42	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	8.3	7.2	9.8	P.K gupta : 2004
31	Conductivity	µs/cm	276	240	334	IS : 14767 : 2016



Macky Suraliwala
Sr. Scientist



Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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Page: 1 of 2

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002

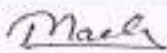
Test Report No. : **PL/BL 0266**
 Issue Date : **28/10/2020**
 Customer's Ref. : **W.O.No. 8520210010**
Dated:06/04/2020

Description of Sample : Soil Sample	Quantity/No. of Samples : 02 Kg/ Three
Date of Sampling : 19/10/2020	Sampling Procedure : USEPA/IS 2720 etc.
Sampling By : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : USEPA/IS 2720 etc.
Sample Receipt Date : 20/10/2020	Lab ID/Sub. : BL/2010/40 TO 42
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 20/10/2020	Date of Completion of Test : 26/10/2020
Test Method : USEPA/IS 2720 etc.	

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT			
			Jitali (N - 21° 37' 22.5" E - 073° 03' 43.4")	Dadhal (N - 21° 37' 55.9" E - 73° 03' 42.1")	Sarangpur (N - 21° 36' 08.6" E - 73° 03' 20.8")	Methods
1	pH	--	8.80	8.58	8.70	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.82	1.70	1.43	IS:2720 (Part-22):2015
3	Organic Matter	%	3.13	2.93	2.46	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3114 APHA(23 rd 2017)3114-B
7	Nickel as Ni by TCLP	mg/l	0.63	0.48	0.43	USEPA 1311 APHA(23 rd 2017)3111-B
8	Zinc as Zn by TCLP	mg/l	0.42	0.53	0.56	USEPA 1311 APHA(23 rd 2017)3111-B
9	Copper as Cu by TCLP	mg/l	0.38	0.32	0.32	USEPA 1311 APHA(23 rd 2017)3111-B
10	Iron as Fe by TCLP	mg/l	0.94	0.75	0.87	USEPA 1311 APHA(23 rd 2017)3111-B
11	Manganese as Mn by TCLP	mg/l	6.8	15.6	12.6	USEPA 1311 APHA(23 rd 2017)3111-B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3500-B
14	Mercury By TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3112-B
15	PAH	mg/Kg	BDL*	BDL*	BDL*	USEPA 3540-C
16	Texture	--	Silt Loam	clay Loam	Sandy loam	Soil Manual of India

Continue..



MackySuraliwal
Sr. Scientist



Dr. ArunBajpai
Lab Manager (Q)

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Page: 2 of 2

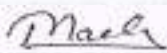
Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002

Test Report No. : **PL/BL 0266**
 Issue Date : **28/10/2020**
 Customer's Ref. : **W.O.No. 8520210010**
 Dated:06/04/2020

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT			Methods
			Jitali (N - 21° 37' 22.5" E - 073° 03' 43.4")	Dadhali (N - 21° 37' 55.9" E - 73° 03' 42.1")	Sarangpur (N - 21° 36' 08.6" E - 73° 03' 20.8")	
17	Sand	%	27	29	58	Soil Manual of India
18	Clay	%	18	39	7.0	Soil Manual of India
19	Silt	%	55	32	35	Soil Manual of India
20	Porosity	%	40	41	38	P.K gupta : 2004
21	Cation Exchange Capacity	meq/100 gm	12.4	12.8	11.2	Soil Manual of India
22	Water Holding capacity	%	50	56	58	Soil Manual of India
23	Bulk Density	gm/cm ³	1.29	1.28	1.28	P.K gupta : 2004
24	SAR	-	5.45	9.51	7.62	By Calculation
25	Available Nitrogen	mg/Kg	97	98	93	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	614	623	512	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	90	98	92	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	7.30	7.2	8.4	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	38	69	54.0	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	0.70	8.2	0.86	P.K gupta : 2004
31	Conductivity	µs/cm	324	396	234	IS : 14767 : 2016



MackySuraliwala
Sr. Scientist



Dr. ArunBajpai
Lab Manager (Q)

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 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

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Customer's Name and Address :

Page: 1 of 2

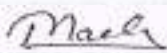
M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0267 Issue Date : 28/10/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06/04/2020
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Description of Sample	: Soil Sample	Quantity/No. of Samples	: 02 Kg/Two
Date of Sampling	: 19/10/2020	Sampling Procedure	: USEPA/IS 2720 etc.
Sampling By	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: USEPA/IS 2720 etc.
Sample Receipt Date	: 20/10/2020	Lab ID/Sub.	: BL/2010/43 & 44
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 20/10/2020	Date of Completion of Test	: 26/10/2020
Test Method	: USEPA/IS 2720 etc.		

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Gadkhol (N 21.652289 E 73.0181463)	Motali (N 21.6511008 E 73.0421245)	Methods
1	pH	--	8.30	7.83	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.80	1.34	IS:2720 (Part-22):2015
3	Organic Matter	%	3.10	2.31	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	0.048	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	USEPA 3114 APHA(23 rd 2017)3114-B
7	Nickel as Ni by TCLP	mg/l	0.46	0.45	USEPA 1311 APHA(23 rd 2017)3111-B
8	Zinc as Zn by TCLP	mg/l	0.62	0.69	USEPA 1311 APHA(23 rd 2017)3111-B
9	Copper as Cu by TCLP	mg/l	0.15	0.32	USEPA 1311 APHA(23 rd 2017)3111-B
10	Iron as Fe by TCLP	mg/l	6.90	0.46	USEPA 1311 APHA(23 rd 2017)3111-B
11	Manganese as Mn by TCLP	mg/l	8.12	8.90	USEPA 1311 APHA(23 rd 2017)3111-B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3500-B
14	Mercury By TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3112-B
15	PAH	mg/Kg	BDL*	BDL*	USEPA 3540-C
16	Texture	--	silt Loam	Loam	Soil Manual of India

Continue...



MackySuraliwal
Sr. Scientist



Dr. ArunBajpai
Lab Manager (Q)

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Customer's Name and Address :

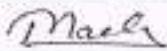
Page: 2 of 2

**M/s. BEIL INFRASTRUCTURE LTD,
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002**

Test Report No. : **PL/BL 0267**
Issue Date : **28/10/2020**
Customer's Ref. : **W.O.No. 8520210010**
Dated: **06/04/2020**

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Gadkhol (N 21.652289 E 73.0181463)	Motali (N 21.6511008 E 73.0421245)	Methods
17	Sand	%	25	46	Soil Manual of India
18	Clay	%	21	20	Soil Manual of India
19	Silt	%	54	34	Soil Manual of India
20	Porosity	%	34	32	P.K gupta : 2004
21	Cation Exchange Capacity	meq/100 gm	13	11	Soil Manual of India
22	Water Holding capacity	%	49	68	Soil Manual of India
23	Bulk Density	gm/cm ³	1.36	1.27	P.K gupta : 2004
24	SAR	-	6.55	6.82	By Calculation
25	Available Nitrogen	mg/Kg	93	180	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	558	564	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	102	126	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	10	9	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	49	56	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	6	12	P.K gupta : 2004
31	Conductivity	μs/cm	390	320	IS : 14767 : 2016



Macky Suraliwala
Sr. Scientist



Dr. Arun Bajpai
Lab Manager (Q)

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TEST CERTIFICATE FOR SOIL

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Page: 1 of 2

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002

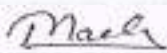
Test Report No. : **PL/BL 0268**
 Issue Date : **28/10/2020**
 Customer's Ref. : **W.O.No. 8520210010**
Dated:06/04/2020

Description of Sample : Soil Sample	Quantity/No. of Samples : 02 Kg/ Three
Date of Sampling : 20/10/2020	Sampling Procedure : USEPA/IS 2720 etc.
Sampling By : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : USEPA/IS 2720 etc.
Sample Receipt Date : 21/10/2020	Lab ID/Sub. : BL/2010/57 TO 59
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 21/10/2020	Date of Completion of Test : 27/10/2020
Test Method : USEPA/IS 2720 etc.	

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT			
			Umarwada (N 21.5911532 E 72.97750839)	BEIL within down Site	BEIL within up site	Methods
1	pH	--	7.81	8.58	8.70	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.56	1.86	1.83	IS:2720 (Part-22):2015
3	Organic Matter	%	2.68	3.20	3.15	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3114 APHA(23 rd 2017)3114-B
7	Nickel as Ni by TCLP	mg/l	0.46	0.78	0.75	USEPA 1311 APHA(23 rd 2017)3111-B
8	Zinc as Zn by TCLP	mg/l	0.57	0.46	0.48	USEPA 1311 APHA(23 rd 2017)3111-B
9	Copper as Cu by TCLP	mg/l	0.86	0.34	0.68	USEPA 1311 APHA(23 rd 2017)3111-B
10	Iron as Fe by TCLP	mg/l	0.43	0.56	0.57	USEPA 1311 APHA(23 rd 2017)3111-B
11	Manganese as Mn by TCLP	mg/l	23.80	7.32	10.3	USEPA 1311 APHA(23 rd 2017)3111-B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3500-B
14	Mercury By TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3112-B
15	PAH	mg/Kg	BDL*	BDL*	BDL*	USEPA 3540-C
16	Texture	--	silt Loam	Sandy loam	Sandy loam	Soil Manual of India

Continue..



MackySuraliwal
Sr. Scientist



Dr. ArunBajpai
Lab Manager (Q)

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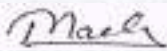
Page: 2 of 2

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0268 Issue Date : 28/10/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06/04/2020
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TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT			
			Umarwada (N 21.5911532 E 72.97750839)	BEIL within down Site	BEIL within up site	Methods
17	Sand	%	9	60	58	Soil Manual of India
18	Clay	%	35	16	20	Soil Manual of India
19	Silt	%	56	24	22	Soil Manual of India
20	Porosity	%	35	41	39	P.K gupta : 2004
21	Cation Exchange Capacity	meq/100 gm	10	12.2	10.6	Soil Manual of India
22	Water Holding capacity	%	60	48	51	Soil Manual of India
23	Bulk Density	gm/cm ³	1.25	1.33	1.50	P.K gupta : 2004
24	SAR	-	9.42	5.70	6.92	By Calculation
25	Available Nitrogen	mg/Kg	126	90	93	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	804	583	710	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	96	101	122	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	8	7.72	8.9	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	68	42	56	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	6	4.6	7.2	P.K gupta : 2004
31	Conductivity	µs/cm	268	230	268	IS : 14767 : 2016



MackySuraliwala
Sr. Scientist



Dr. ArunBajpai
Lab Manager (Q)

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Page: 1 of 2

Customer's Name and Address :

**M/s. BEIL INFRASTRUCTURE LIMITED.
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002**

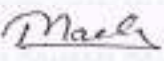
Test Report No. : **PL/BL0354**
Issue Date : **09/12/2020**
Customer's Ref. : **W.O.No. 8520210010**
Dated: **06/04/2020**

Description of Sample : Soil Sample	Quantity/No. of Samples : 02 Kg/Three
Date of Sampling : 20/11/2020	Sampling Procedure : USEPA/IS 2720 etc.
Sampling By : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : USEPA/IS 2720 etc.
Sample Receipt Date : 21/11/2020	Lab ID/Sub. : BL/2011/31 TO 32
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 21/11/2020	Date of Completion of Test : 30/11/2020
Test Method : USEPA/IS 2720 etc.	

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Gadkhol (N 21.652289 E 73.0181463)	Motali (N 21.6511008 E 73.0421245)	Methods
1	pH	--	8.47	7.94	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.76	1.58	IS:2720 (Part-22):2015
3	Organic Matter	%	3.03	2.72	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	0.068	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	USEPA 3114 APHA(23 rd 2017)3114-B
7	Nickel as Ni by TCLP	mg/l	0.34	0.58	USEPA 1311 APHA(23 rd 2017)3111-B
8	Zinc as Zn by TCLP	mg/l	0.78	0.80	USEPA 1311 APHA(23 rd 2017)3111-B
9	Copper as Cu by TCLP	mg/l	0.29	0.43	USEPA 1311 APHA(23 rd 2017)3111-B
10	Iron as Fe by TCLP	mg/l	5.74	0.76	USEPA 1311 APHA(23 rd 2017)3111-B
11	Manganese as Mn by TCLP	mg/l	9.63	7.84	USEPA 1311 APHA(23 rd 2017)3111-B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3500-B
14	Mercury By TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3112-B
15	PAH	mg/Kg	BDL*	BDL*	USEPA 3540-C
16	Texture	--	silt Loam	Loam	Soil Manual of India

Continue..


Macky Suraliwala
Sr. Scientist


Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Page: 2 of 2

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0354
	Issue Date : 09/12/2020
	Customer's Ref. : W.O.No. 8520210010 Dated:06/04/2020

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Gadkhol (N 21.652289 E 73.0181463)	Motali (N 21.6511008 E 73.0421245)	Methods
17	Sand	%	25	49	Soil Manual of India
18	Clay	%	19	19	Soil Manual of India
19	Silt	%	56	32	Soil Manual of India
20	Porosity	%	37	33.6	P.K gupta : 2004
21	Cation Exchange Capacity	meq/ 100 gm	14	12.65	Soil Manual of India
22	Water Holding capacity	%	47.6	62	Soil Manual of India
23	Bulk Density	gm/cm ³	1.34	1.30	P.K gupta : 2004
24	SAR	-	6.78	8.2	By Calculation
25	Available Nitrogen	mg/Kg	98	174	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	530	540	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	87	93	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	7.0	8.2	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	56	50	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	6.0	9.4	P.K gupta : 2004
31	Conductivity	µs/cm	398	334	IS : 14767 : 2016

MackySuraliwala
Sr. Scientist

Dr. ArunBajpai
Lab Manager (Q)

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QF/7.8/37-EX

Page: 1 of 2

Customer's Name and Address :

**M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002**

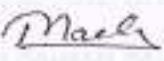
Test Report No. : **PL/BL 0355**
Issue Date : **09/12/2020**
Customer's Ref. : **W.O.No. 8520210010**
Dated: **06/04/2020**

Description of Sample : Soil Sample	Quantity/No. of Samples : 02 Kg/ Three
Date of Sampling : 19/11/2020	Sampling Procedure : USEPA/IS 2720 etc.
Sampling By : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : USEPA/IS 2720 etc.
Sample Receipt Date : 20/11/2020	Lab ID/Sub. : BL/2011/21 TO 23
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 20/11/2020	Date of Completion of Test : 30/11/2020
Test Method : USEPA/IS 2720 etc.	

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT			Methods
			Kosamdi (N - 21° 34' 56.2" E - 73° 02' 8.3")	Kapodra (N - 21° 35' 39.5" E - 73° 00' 30.1")	Bhadkodra (N - 21° 36' 10.5" E - 73° 00' 30.3")	
1	pH	--	8.74	8.79	8.51	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.50	1.68	1.20	IS:2720 (Part-22):2015
3	Organic Matter	%	2.58	2.89	2.06	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	0.046	0.043	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3114 APHA(23 rd 2017)3114-B
7	Nickel as Ni by TCLP	mg/l	0.46	0.68	0.76	USEPA 1311 APHA(23 rd 2017)3111-B
8	Zinc as Zn by TCLP	mg/l	0.69	0.74	0.82	USEPA 1311 APHA(23 rd 2017)3111-B
9	Copper as Cu by TCLP	mg/l	0.32	0.48	0.79	USEPA 1311 APHA(23 rd 2017)3111-B
10	Iron as Fe by TCLP	mg/l	6.98	6.20	0.85	USEPA 1311 APHA(23 rd 2017)3111-B
11	Manganese as Mn by TCLP	mg/l	15.4	12.6	14.8	USEPA 1311 APHA(23 rd 2017)3111-B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3500-B
14	Mercury By TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3112-B
15	PAH	mg/Kg	BDL*	BDL*	BDL*	USEPA 3540-C
16	Texture	--	Sandy loam	Sandy loam	Loam	Soil Manual of India

Continue..


Macky Suraliwala
Sr. Scientist


Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Page: 2 of 2

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0355 Issue Date : 09/12/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06/04/2020
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TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT			Methods
			Kosamdi (N - 21° 34' 56.2" E - 73° 02' 8.3")	Kapodra (N - 21° 35' 39.5" E - 73° 00'30.1")	Bhadkodra (N - 21° 36' 10.5" E - 73° 00' 30.3")	
17	Sand	%	62	61	52	Soil Manual of India
18	Clay	%	15	12	20	Soil Manual of India
19	Silt	%	23	27	28	Soil Manual of India
20	Porosity	%	35.4	34	37.6	P.K gupta : 2004
21	Cation Exchange Capacity	meq/100 gm	11.94	10.21	10.48	Soil Manual of India
22	Water Holding capacity	%	40.6	48	47	Soil Manual of India
23	Bulk Density	gm/cm ³	1.58	1.62	1.46	P.K gupta : 2004
24	SAR	-	8.45	7.53	9.04	By Calculation
25	Available Nitrogen	mg/Kg	95	90	85	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	570	734	6.90	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	93	87	75	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	7.6	9.4	7.24	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	60	52	58	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	7.3	7.96	8.26	P.K gupta : 2004
31	Conductivity	µs/cm	290	268	340	IS : 14767 : 2016

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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QF/7.8/37-EX

Page: 1 of 2

Customer's Name and Address :

**M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002**

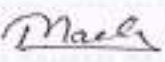
Test Report No. : **PL/BL 0356**
Issue Date : **09/12/2020**
Customer's Ref. : **W.O.No. 8520210010**
Dated: **06/04/2020**

Description of Sample : Soil Sample	Quantity/No. of Samples : 02 Kg/ Three
Date of Sampling : 21/11/2020	Sampling Procedure : USEPA/IS 2720 etc.
Sampling By : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : USEPA/IS 2720 etc.
Sample Receipt Date : 23/11/2020	Lab ID/Sub. : BL/2011/40 TO 41
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 23/11/2020	Date of Completion of Test : 30/11/2020
Test Method : USEPA/IS 2720 etc.	

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Dadhah (N - 21° 37' 55.9" E - 73° 03'42.1")	Sarangpur (N - 21° 36' 08.6" E - 73° 03' 20.8")	Methods
1	pH	--	8.64	8.52	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.62	1.56	IS:2720 (Part-22):2015
3	Organic Matter	%	3.13	2.68	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	USEPA 3114 APHA(23 rd 2017)3114-B
7	Nickel as Ni by TCLP	mg/l	0.42	0.52	USEPA 1311 APHA(23 rd 2017)3111-B
8	Zinc as Zn by TCLP	mg/l	0.47	0.48	USEPA 1311 APHA(23 rd 2017)3111-B
9	Copper as Cu by TCLP	mg/l	0.35	0.36	USEPA 1311 APHA(23 rd 2017)3111-B
10	Iron as Fe by TCLP	mg/l	0.82	0.74	USEPA 1311 APHA(23 rd 2017)3111-B
11	Manganese as Mn by TCLP	mg/l	14.2	14.8	USEPA 1311 APHA(23 rd 2017)3111-B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3500-B
14	Mercury By TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3112-B
15	PAH	mg/Kg	BDL*	BDL*	USEPA 3540-C
16	Texture	--	clay Loam	Sandy loam	Soil Manual of India

Continue..


MackySuraliwala
Sr. Scientist


Dr. Arun Bajpai
Lab Manager (Q)

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TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Page: 2 of 2

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0356 Issue Date : 09/12/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06/04/2020
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TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Dadhhal (N - 21° 37' 55.9" E - 73° 03' 42.1")	Sarangpur (N - 21° 36' 08.6" E - 73° 03' 20.8")	Methods
17	Sand	%	32	8.0	Soil Manual of India
18	Clay	%	35	37	Soil Manual of India
19	Silt	%	33	36	Soil Manual of India
20	Porosity	%	38.4	12	P.K gupta : 2004
21	Cation Exchange Capacity	meq/100 gm	11.72	11.94	Soil Manual of India
22	Water Holding capacity	%	50	55	Soil Manual of India
23	Bulk Density	gm/cm ³	1.26	1.30	P.K gupta : 2004
24	SAR	-	10.37	10.24	By Calculation
25	Available Nitrogen	mg/Kg	76	88	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	572	494	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	95	75	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	5.9	7.4	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	80	68	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	7.2	6.8	P.K gupta : 2004
31	Conductivity	µs/cm	384	246	IS : 14767 : 2016

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0357 Issue Date : 09/12/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06/04/2020
Description of Sample : Soil Sample Date of Sampling : 21/11/2020 Sampling By : Pollucon Laboratories Pvt. Ltd. Sample Receipt Date : 23/11/2020 Packing/ Seal : Sealed Date of Starting of Test : 23/11/2020 Test Method : USEPA/IS 2720 etc.	Quantity/No. of Samples : 02 Kg/Two Sampling Procedure : USEPA/IS 2720 etc. Protocol (purpose) : USEPA/IS 2720 etc. Lab ID/Sub. : BL/2011/42 & 43 Test Parameters : As per table Date of Completion of Test : 30/11/2020

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			BEIL within down Site	BEIL within up site	Methods
1	pH	--	8.56	8.63	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.73	1.79	IS:2720 (Part-22):2015
3	Organic Matter	%	2.98	3.08	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	USEPA 3114 APHA(23 rd 2017)3114-B
7	Nickel as Ni by TCLP	mg/l	0.68	0.82	USEPA 1311 APHA(23 rd 2017)3111-B
8	Zinc as Zn by TCLP	mg/l	0.54	0.68	USEPA 1311 APHA(23 rd 2017)3111-B
9	Copper as Cu by TCLP	mg/l	0.70	0.52	USEPA 1311 APHA(23 rd 2017)3111-B
10	Iron as Fe by TCLP	mg/l	0.82	0.63	USEPA 1311 APHA(23 rd 2017)3111-B
11	Manganese as Mn by TCLP	mg/l	9.6	10.4	USEPA 1311 APHA(23 rd 2017)3111-B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3500-B
14	Mercury By TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3112-B
15	PAH	mg/Kg	BDL*	BDL*	USEPA 3540-C
16	Texture	--	Sandy loam	Sandy loam	Soil Manual of India

Continue...

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Customer's Name and Address :

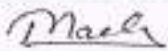
Page: 2 of 2

**M/s. BEIL INFRASTRUCTURE LTD,
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002**

Test Report No. : **PL/BL 0357**
Issue Date : **09/12/2020**
Customer's Ref. : **W.O.No. 8520210010**
Dated:06/04/2020

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			BEIL within down Site	BEIL within up site	Methods
17	Sand	%	59	61	Soil Manual of India
18	Clay	%	17	17	Soil Manual of India
19	Silt	%	24	22	Soil Manual of India
20	Porosity	%	35.6	38.4	P.K gupta : 2004
21	Cation Exchange Capacity	meq/100 gm	11.54	12.92	Soil Manual of India
22	Water Holding capacity	%	48.4	46.8	Soil Manual of India
23	Bulk Density	gm/cm ³	1.49	1.37	P.K gupta : 2004
24	SAR	-	8.76	5.98	By Calculation
25	Available Nitrogen	mg/Kg	90	86	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	628	574	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	112	98	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	8.29	7.56	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	51	36	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	7.92	5.4	P.K gupta : 2004
31	Conductivity	μs/cm	294	268	IS : 14767 : 2016



Macky Suraliwala
Sr. Scientist



Dr. Arun Bajpai
Lab Manager (Q)

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TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Page: 1 of 2

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002

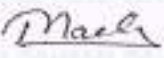
Test Report No. : **PL/BL 0358**
 Issue Date : **09/12/2020**
 Customer's Ref. : **W.O.No. 8520210010**
Dated:06/04/2020

Description of Sample : Soil Sample	Quantity/No. of Samples : 02 Kg/ Three
Date of Sampling : 19/11/2020	Sampling Procedure : USEPA/IS 2720 etc.
Sampling By : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : USEPA/IS 2720 etc.
Sample Receipt Date : 20/11/2020	Lab ID/Sub. : BL/2011/28
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 20/11/2020	Date of Completion of Test : 30/11/2020
Test Method : USEPA/IS 2720 etc.	

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT	
			Jitali (N - 21° 37' 22.5" E - 073° 03' 43.4")	Methods
1	pH	--	8.72	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.46	IS:2720 (Part-22):2015
3	Organic Matter	%	3.20	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
6	Arsenic by TCLP	mg/l	BDL*	USEPA 3114 APHA(23 rd 2017)3114-B
7	Nickel as Ni by TCLP	mg/l	0.75	USEPA 1311 APHA(23 rd 2017)3111-B
8	Zinc as Zn by TCLP	mg/l	0.36	USEPA 1311 APHA(23 rd 2017)3111-B
9	Copper as Cu by TCLP	mg/l	0.43	USEPA 1311 APHA(23 rd 2017)3111-B
10	Iron as Fe by TCLP	mg/l	1.02	USEPA 1311 APHA(23 rd 2017)3111-B
11	Manganese as Mn by TCLP	mg/l	5.4	USEPA 1311 APHA(23 rd 2017)3111-B
12	Cobalt by TCLP	mg/l	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	USEPA 1311 APHA(23 rd 2017)3500-B
14	Mercury By TCLP	mg/l	BDL*	USEPA 1311 APHA(23 rd 2017)3112-B
15	PAH	mg/Kg	BDL*	USEPA 3540-C
16	Texture	--	Silt Loam	Soil Manual of India

Continue..


Macky Suraliwala
Sr. Scientist


Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.**

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TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Customer's Name and Address :

Page: 2 of 2

**M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002**

Test Report No. : **PL/BL 0358**
Issue Date : **09/12/2020**
Customer's Ref. : **W.O.No. 8520210010**
Dated: **06/04/2020**

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT	
			Jitali (N - 21° 37' 22.5" E - 073° 03' 43.4")	Methods
17	Sand	%	25	Soil Manual of India
18	Clay	%	19	Soil Manual of India
19	Silt	%	56	Soil Manual of India
20	Porosity	%	36.2	P.K gupta : 2004
21	Cation Exchange Capacity	meq/100 gm	11.46	Soil Manual of India
22	Water Holding capacity	%	46	Soil Manual of India
23	Bulk Density	gm/cm ³	1.30	P.K gupta : 2004
24	SAR	-	7.98	By Calculation
25	Available Nitrogen	mg/Kg	82	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	540	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	82	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	6.40	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	53	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	8.5	P.K gupta : 2004
31	Conductivity	µs/cm	332	IS : 14767 : 2016

Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager (Q)

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TEST CERTIFICATE FOR SOIL

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Page: 2 of 2

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0400
	Issue Date : 24/12/2020
	Customer's Ref. : W.O.No. 8520210010 Dated:06/04/2020

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Gadkhol (N 21.652289 E 73.0181463)	Motali (N 21.6511008 E 73.0421245)	Methods
17	Sand	%	26	50	Soil Manual of India
18	Clay	%	14	11	Soil Manual of India
19	Silt	%	60	39	Soil Manual of India
20	Porosity	%	39	34	P.K gupta : 2004
21	Cation Exchange Capacity	meq/ 100 gm	12.6	11.8	Soil Manual of India
22	Water Holding capacity	%	45.2	70	Soil Manual of India
23	Bulk Density	gm/cm ³	1.39	1.34	P.K gupta : 2004
24	SAR	-	9.62	6.90	By Calculation
25	Available Nitrogen	mg/Kg	90	160	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	512	470	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	78	83	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	8.4	7.2	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	63	46	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	7.4	8.7	P.K gupta : 2004
31	Conductivity	µs/cm	410	370	IS : 14767 : 2016

MackySuraliwala
Sr. Scientist

Dr. ArunBajpai
Lab Manager (Q)

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TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Page: 1 of 2

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002

Test Report No. : **PL/BL 0401**
 Issue Date : **24/12/2020**
 Customer's Ref. : **W.O.No. 8520210010**
 Dated: **06/04/2020**

Description of Sample : Soil Sample	Quantity/No. of Samples : 02 Kg/ Three
Date of Sampling : 14/12/2020	Sampling Procedure : USEPA/IS 2720 etc.
Sampling By : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : USEPA/IS 2720 etc.
Sample Receipt Date : 15/12/2020	Lab ID/Sub. : BL/2012/16 to 18
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 15/12/2020	Date of Completion of Test : 24/12/2020
Test Method : USEPA/IS 2720 etc.	

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT			Methods
			Kosamdi (N - 21° 34' 56.2" E - 73° 02' 8.3")	Kapodra (N - 21° 35' 39.5" E - 73° 00'30.1")	Bhadkodra (N - 21° 36' 10.5" E - 73° 00' 30.3")	
1	pH	--	8.69	8.86	8.41	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.27	1.56	1.28	IS:2720 (Part-22):2015
3	Organic Matter	%	2.18	2.68	2.20	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	0.058	0.053	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3114 APHA(23 rd 2017)3114-B
7	Nickel as Ni by TCLP	mg/l	0.59	0.79	0.68	USEPA 1311 APHA(23 rd 2017)3111-B
8	Zinc as Zn by TCLP	mg/l	0.73	0.86	0.73	USEPA 1311 APHA(23 rd 2017)3111-B
9	Copper as Cu by TCLP	mg/l	0.28	0.41	0.69	USEPA 1311 APHA(23 rd 2017)3111-B
10	Iron as Fe by TCLP	mg/l	7.40	7.34	0.80	USEPA 1311 APHA(23 rd 2017)3111-B
11	Manganese as Mn by TCLP	mg/l	13.6	14.8	13.6	USEPA 1311 APHA(23 rd 2017)3111-B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3500-B
14	Mercury By TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3112-B
15	PAH	mg/Kg	BDL*	BDL*	BDL*	USEPA 3540-C
16	Texture	--	Sandy loam	Sandy loam	Loam	Soil Manual of India

Continue..

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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Page: 2 of 2

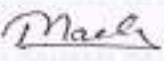
Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002

Test Report No. : **PL/BL 0401**
 Issue Date : **24/12/2020**
 Customer's Ref. : **W.O.No. 8520210010**
 Dated:06/04/2020

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT			
			Kosamdi (N - 21° 34' 56.2" E - 73° 02' 8.3")	Kapodra (N - 21° 35' 39.5" E - 73° 00'30.1")	Bhadkodra (N - 21° 36' 10.5" E - 73° 00' 30.3")	Methods
17	Sand	%	63	62	53	Soil Manual of India
18	Clay	%	16	15	17	Soil Manual of India
19	Silt	%	21	23	30	Soil Manual of India
20	Porosity	%	33.8	30.6	34.8	P.K gupta : 2004
21	Cation Exchange Capacity	meq/100 gm	11.70	10.84	10.70	Soil Manual of India
22	Water Holding capacity	%	38	42	42.26	Soil Manual of India
23	Bulk Density	gm/cm ³	1.56	1.60	1.47	P.K gupta : 2004
24	SAR	-	8.40	6.82	9.42	By Calculation
25	Available Nitrogen	mg/Kg	90	86	80	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	534	703	7.98	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	86	82	70	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	8.94	8.10	9.24	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	58	46	60	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	6.73	6.90	7.28	P.K gupta : 2004
31	Conductivity	µs/cm	286	270	360	IS : 14767 : 2016


MackySuraliwala
 Sr. Scientist


Dr. ArunBajpai
 Lab Manager (Q)

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TEST CERTIFICATE FOR SOIL

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Page: 1 of 2

Customer's Name and Address :

**M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002**

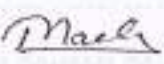
Test Report No. : **PL/BL 0402**
Issue Date : **24/12/2020**
Customer's Ref. : **W.O.No. 8520210010**
Dated: **06/04/2020**

Description of Sample : Soil Sample	Quantity/No. of Samples : 02 Kg/ Three
Date of Sampling : 15/12/2020	Sampling Procedure : USEPA/IS 2720 etc.
Sampling By : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : USEPA/IS 2720 etc.
Sample Receipt Date : 16/12/2020	Lab ID/Sub. : BL/2012/34 & 35
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 16/12/2020	Date of Completion of Test : 24/12/2020
Test Method : USEPA/IS 2720 etc.	

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Dadhaj (N - 21° 37' 55.9" E - 73° 03'42.1")	Sarangpur (N - 21° 36' 08.6" E - 73° 03' 20.8")	Methods
1	pH	--	8.84	8.69	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.33	1.26	IS:2720 (Part-22):2015
3	Organic Matter	%	2.29	2.17	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	USEPA 3114 APHA(23 rd 2017)3114-B
7	Nickel as Ni by TCLP	mg/l	0.38	0.56	USEPA 1311 APHA(23 rd 2017)3111-B
8	Zinc as Zn by TCLP	mg/l	0.53	0.40	USEPA 1311 APHA(23 rd 2017)3111-B
9	Copper as Cu by TCLP	mg/l	0.36	0.47	USEPA 1311 APHA(23 rd 2017)3111-B
10	Iron as Fe by TCLP	mg/l	0.58	0.62	USEPA 1311 APHA(23 rd 2017)3111-B
11	Manganese as Mn by TCLP	mg/l	16.4	15.6	USEPA 1311 APHA(23 rd 2017)3111-B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3500-B
14	Mercury By TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3112-B
15	PAH	mg/Kg	BDL*	BDL*	USEPA 3540-C
16	Texture	--	clay Loam	Sandy loam	Soil Manual of India

Continue..


Macky Suraliwala
Sr. Scientist


Dr. Arun Bajpai
Lab Manager (Q)

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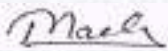
Page: 2 of 2

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0402 Issue Date : 24/12/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06/04/2020
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TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Dadhhal (N - 21° 37' 55.9" E - 73° 03'42.1")	Sarangpur (N - 21° 36' 08.6" E - 73° 03' 20.8")	Methods
17	Sand	%	36	38	Soil Manual of India
18	Clay	%	31	30	Soil Manual of India
19	Silt	%	33	32	Soil Manual of India
20	Porosity	%	36.2	30	P.K gupta : 2004
21	Cation Exchange Capacity	meq/100 gm	4.18	10.84	Soil Manual of India
22	Water Holding capacity	%	48.6	51.4	Soil Manual of India
23	Bulk Density	gm/cm ³	1.30	1.33	P.K gupta : 2004
24	SAR	-	10.20	10.36	By Calculation
25	Available Nitrogen	mg/Kg	84	92	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	518	458	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	87	82	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	6.4	8.94	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	70	70	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	6.8	7.93	P.K gupta : 2004
31	Conductivity	µs/cm	398	278	IS : 14767 : 2016



Macky Suraliwala
Sr. Scientist



Dr. Arun Bajpai
Lab Manager (Q)

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Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0403 Issue Date : 24/12/2020 Customer's Ref. : W.O.No. 8520210010 Dated:06/04/2020
--	---

Description of Sample	: Soil Sample	Quantity/No. of Samples	: 02 Kg/Two
Date of Sampling	: 16/12/2020	Sampling Procedure	: USEPA/IS 2720 etc.
Sampling By	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: USEPA/IS 2720 etc.
Sample Receipt Date	: 17/12/2020	Lab ID/Sub.	: BL/2012/45 & 46
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 17/12/2020	Date of Completion of Test	: 24/12/2020
Test Method	: USEPA/IS 2720 etc.		

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			BEIL within down Site	BEIL within up site	Methods
1	pH	--	8.61	8.74	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.75	1.81	IS:2720 (Part-22):2015
3	Organic Matter	%	3.02	3.12	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	USEPA 3114 APHA(23 rd 2017)3114-B
7	Nickel as Ni by TCLP	mg/l	0.65	0.92	USEPA 1311 APHA(23 rd 2017)3111-B
8	Zinc as Zn by TCLP	mg/l	0.64	0.75	USEPA 1311 APHA(23 rd 2017)3111-B
9	Copper as Cu by TCLP	mg/l	0.75	0.63	USEPA 1311 APHA(23 rd 2017)3111-B
10	Iron as Fe by TCLP	mg/l	0.89	0.72	USEPA 1311 APHA(23 rd 2017)3111-B
11	Manganese as Mn by TCLP	mg/l	8.94	9.81	USEPA 1311 APHA(23 rd 2017)3111-B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3500-B
14	Mercury By TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3112-B
15	PAH	mg/Kg	BDL*	BDL*	USEPA 3540-C
16	Texture	--	Sandy loam	Sandy loam	Soil Manual of India

Continue...

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Customer's Name and Address :

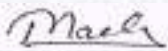
Page: 2 of 2

**M/s. BEIL INFRASTRUCTURE LTD,
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002**

Test Report No. : **PL/BL 0403**
Issue Date : **24/12/2020**
Customer's Ref. : **W.O.No. 8520210010**
Dated:06/04/2020

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			BEIL within down Site	BEIL within up site	Methods
17	Sand	%	62	64	Soil Manual of India
18	Clay	%	18	15	Soil Manual of India
19	Silt	%	20	21	Soil Manual of India
20	Porosity	%	36.66	39.74	P.K gupta : 2004
21	Cation Exchange Capacity	meq/100 gm	12.10	13.54	Soil Manual of India
22	Water Holding capacity	%	49.61	47.36	Soil Manual of India
23	Bulk Density	gm/cm ³	1.52	1.41	P.K gupta : 2004
24	SAR	-	7.86	5.74	By Calculation
25	Available Nitrogen	mg/Kg	92.39	87.75	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	619	568	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	108	92	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	7.98	8.18	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	60	41	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	8.12	6.27	P.K gupta : 2004
31	Conductivity	μs/cm	301	276	IS : 14767 : 2016



Macky Suraliwala
Sr. Scientist



Dr. Arun Bajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Page: 1 of 2

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002

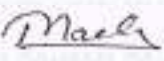
Test Report No. : **PL/BL 0404**
 Issue Date : **24/12/2020**
 Customer's Ref. : **W.O.No. 8520210010**
 Dated: **06/04/2020**

Description of Sample : Soil Sample	Quantity/No. of Samples : 02 Kg/ Three
Date of Sampling : 14/12/2020	Sampling Procedure : USEPA/IS 2720 etc.
Sampling By : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : USEPA/IS 2720 etc.
Sample Receipt Date : 15/12/2020	Lab ID/Sub. : BL/2012/19
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 15/12/2020	Date of Completion of Test : 24/12/2020
Test Method : USEPA/IS 2720 etc.	

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT	
			Jitali (N - 21° 37' 22.5" E - 073° 03' 43.4")	Methods
1	pH	--	8.69	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.32	IS:2720 (Part-22):2015
3	Organic Matter	%	2.27	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
6	Arsenic by TCLP	mg/l	BDL*	USEPA 3114 APHA(23 rd 2017)3114-B
7	Nickel as Ni by TCLP	mg/l	0.70	USEPA 1311 APHA(23 rd 2017)3111-B
8	Zinc as Zn by TCLP	mg/l	0.46	USEPA 1311 APHA(23 rd 2017)3111-B
9	Copper as Cu by TCLP	mg/l	0.58	USEPA 1311 APHA(23 rd 2017)3111-B
10	Iron as Fe by TCLP	mg/l	1.13	USEPA 1311 APHA(23 rd 2017)3111-B
11	Manganese as Mn by TCLP	mg/l	7.8	USEPA 1311 APHA(23 rd 2017)3111-B
12	Cobalt by TCLP	mg/l	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	USEPA 1311 APHA(23 rd 2017)3500-B
14	Mercury By TCLP	mg/l	BDL*	USEPA 1311 APHA(23 rd 2017)3112-B
15	PAH	mg/Kg	BDL*	USEPA 3540-C
16	Texture	--	Silt Loam	Soil Manual of India

Continue..


Macky Suraliwala
Sr. Scientist


Dr. Arun Bajpai
Lab Manager (Q)

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TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Customer's Name and Address :

Page: 2 of 2

**M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002**

Test Report No. : **PL/BL 0404**
Issue Date : **24/12/2020**
Customer's Ref. : **W.O.No. 8520210010**
Dated: **06/04/2020**

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT	
			Jitali (N - 21° 37' 22.5" E - 073° 03' 43.4")	Methods
17	Sand	%	20	Soil Manual of India
18	Clay	%	21	Soil Manual of India
19	Silt	%	59	Soil Manual of India
20	Porosity	%	33.8	P.K gupta : 2004
21	Cation Exchange Capacity	meq/100 gm	11.20	Soil Manual of India
22	Water Holding capacity	%	43	Soil Manual of India
23	Bulk Density	gm/cm ³	1.31	P.K gupta : 2004
24	SAR	-	7.84	By Calculation
25	Available Nitrogen	mg/Kg	80	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	519	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	76	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	8.20	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	51	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	9.3	P.K gupta : 2004
31	Conductivity	µs/cm	356	IS : 14767 : 2016

Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager (Q)

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TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Page: 1 of 2

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0040 Issue Date : 29/01/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06/04/2020
--	---

Description of Sample	: Soil Sample	Quantity/No. of Samples	: 02 Kg/Two
Date of Sampling	: 18/01/2021	Sampling Procedure	: USEPA/IS 2720 etc.
Sampling By	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: USEPA/IS 2720 etc.
Sample Receipt Date	: 19/01/2021	Lab ID/Sub.	: BL/2101/21 & 22
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 19/01/2021	Date of Completion of Test	: 29/01/2021
Test Method	: USEPA/IS 2720 etc.		

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Jitali (N - 21° 37' 22.5" E - 073° 03' 43.4")	Sarangpur (N - 21° 36' 08.6" E - 73° 03' 20.8")	Methods
1	pH	--	8.50	8.74	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.59	1.38	IS:2720 (Part-22):2015
3	Organic Matter	%	2.74	2.37	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	USEPA 3114 APHA(23 rd 2017)3114-B
7	Nickel as Ni by TCLP	mg/l	0.87	0.63	USEPA 1311 APHA(23 rd 2017)3111-B
8	Zinc as Zn by TCLP	mg/l	0.58	0.74	USEPA 1311 APHA(23 rd 2017)3111-B
9	Copper as Cu by TCLP	mg/l	0.32	0.58	USEPA 1311 APHA(23 rd 2017)3111-B
10	Iron as Fe by TCLP	mg/l	2.8	0.89	USEPA 1311 APHA(23 rd 2017)3111-B
11	Manganese as Mn by TCLP	mg/l	9.4	17.4	USEPA 1311 APHA(23 rd 2017)3111-B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3500-B
14	Mercury By TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3112-B
15	PAH	mg/Kg	BDL*	BDL*	USEPA 3540-C
16	Texture	--	Silt Loam	Sandy loam	Soil Manual of India

Continue..

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0040 Issue Date : 29/01/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06/04/2020
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TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Jitali (N - 21° 37' 22.5" E - 073° 03' 43.4")	Sarangpur (N - 21° 36' 08.6" E - 73° 03' 20.8")	Methods
17	Sand	%	15	41	Soil Manual of India
18	Clay	%	23	35	Soil Manual of India
19	Silt	%	62	24	Soil Manual of India
20	Porosity	%	38	21	P.K gupta : 2004
21	Cation Exchange Capacity	meq/ 100 gm	12.30	12.4	Soil Manual of India
22	Water Holding capacity	%	41	43	Soil Manual of India
23	Bulk Density	gm/cm ³	1.35	1.35	P.K gupta : 2004
24	SAR	-	7.94	11.2	By Calculation
25	Available Nitrogen	mg/Kg	73	98	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	498	356	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	87	79	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	7.32	6.7	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	68	87	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	7.2	6.3	P.K gupta : 2004
31	Conductivity	µs/cm	379	238	IS : 14767 : 2016

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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Page: 2 of 2

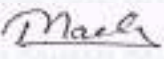
Customer's Name and Address :

**M/s. BEIL INFRASTRUCTURE LIMITED .
 PLOT NO.9701-16, GIDC ESTATE
 POST BOX NO.82, ANKLESHWAR, 393002**

 Test Report No. : **PL/BL 0041**
 Issue Date : **29/01/2021**
 Customer's Ref. : **W.O.No. 8520210010**
Dated:06/04/2020

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Kosamdi (N - 21° 34' 56.2" E - 73° 02' 8.3")	Dadhah (N - 21° 37' 55.9" E - 73° 03' 42.1")	Methods
17	Sand	%	61	25	Soil Manual of India
18	Clay	%	19	40	Soil Manual of India
19	Silt	%	20	35	Soil Manual of India
20	Porosity	%	37	41	P.K gupta : 2004
21	Cation Exchange Capacity	meq/ 100 gm	12.80	10.6	Soil Manual of India
22	Water Holding capacity	%	36.4	43.6	Soil Manual of India
23	Bulk Density	gm/cm ³	1.53	1.34	P.K gupta : 2004
24	SAR	-	7.92	9.6	By Calculation
25	Available Nitrogen	mg/Kg	86	90	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	510	483	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	73	103	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	9.8	8.6	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	51	73	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	7.0	8.4	P.K gupta : 2004
31	Conductivity	µs/cm	302	410	IS : 14767 : 2016



MackySuraliwala
Sr. Scientist



Dr. ArunBajpai
Lab Manager (Q)

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TEST CERTIFICATE FOR SOIL

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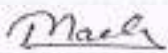
Page: 2 of 2

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0042 Issue Date : 29/01/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06/04/2020
---	---

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Kapodra (N - 21° 35' 39.5" E - 73° 00' 30.1")	Bhadkodra (N - 21° 36' 10.5" E - 73° 00' 30.3")	Methods
17	Sand	%	60	55	Soil Manual of India
18	Clay	%	15	13	Soil Manual of India
19	Silt	%	25	32	Soil Manual of India
20	Porosity	%	33	38	P.K gupta : 2004
21	Cation Exchange Capacity	meq/ 100 gm	11.6	11.9	Soil Manual of India
22	Water Holding capacity	%	45	45	Soil Manual of India
23	Bulk Density	gm/cm ³	1.62	1.53	P.K gupta : 2004
24	SAR	-	7.10	8.40	By Calculation
25	Available Nitrogen	mg/Kg	98	93	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	634	8.76	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	98	89	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	7.6	7.64	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	64	64	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	7.24	9.1	P.K gupta : 2004
31	Conductivity	µs/cm	298	386	IS : 14767 : 2016



Macky Suraliwala
Sr. Scientist



Dr. Arun Bajpai
Lab Manager (Q)

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QF/7.8/37-EX

Page: 1 of 2

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0043 Issue Date : 29/01/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06/04/2020
--	---

Description of Sample	: Soil Sample	Quantity/No. of Samples	: 02 Kg/Two
Date of Sampling	: 19/01/2021	Sampling Procedure	: USEPA/IS 2720 etc.
Sampling By	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: USEPA/IS 2720 etc.
Sample Receipt Date	: 20/01/2021	Lab ID/Sub.	: BL/2101/37 & 38
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 20/01/2021	Date of Completion of Test	: 29/01/2021
Test Method	: USEPA/IS 2720 etc.		

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Gadkhol (N 21.652289 E 73.0181463)	Motali (N 21.6511008 E 73.0421245)	Methods
1	pH	--	8.87	8.04	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.69	1.78	IS:2720 (Part-22):2015
3	Organic Matter	%	2.81	3.06	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	0.13	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	USEPA 3114 APHA(23 rd 2017)3114-B
7	Nickel as Ni by TCLP	mg/l	0.59	0.79	USEPA 1311 APHA(23 rd 2017)3111-B
8	Zinc as Zn by TCLP	mg/l	0.87	0.93	USEPA 1311 APHA(23 rd 2017)3111-B
9	Copper as Cu by TCLP	mg/l	0.46	0.68	USEPA 1311 APHA(23 rd 2017)3111-B
10	Iron as Fe by TCLP	mg/l	7.38	1.20	USEPA 1311 APHA(23 rd 2017)3111-B
11	Manganese as Mn by TCLP	mg/l	14.8	9.6	USEPA 1311 APHA(23 rd 2017)3111-B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3500-B
14	Mercury By TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3112-B
15	PAH	mg/Kg	BDL*	BDL*	USEPA 3540-C
16	Texture	--	silt Loam	Loam	Soil Manual of India

Continue..

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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Page: 2 of 2

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0043
	Issue Date : 29/01/2021
	Customer's Ref. : W.O.No. 8520210010 Dated:06/04/2020

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Gadkhol (N 21.652289 E 73.0181463)	Motali (N 21.6511008 E 73.0421245)	Methods
17	Sand	%	23	52	Soil Manual of India
18	Clay	%	19	13	Soil Manual of India
19	Silt	%	58	35	Soil Manual of India
20	Porosity	%	42	39	P.K gupta : 2004
21	Cation Exchange Capacity	meq/ 100 gm	13.84	11.6	Soil Manual of India
22	Water Holding capacity	%	39	65	Soil Manual of India
23	Bulk Density	gm/cm ³	1.28	1.40	P.K gupta : 2004
24	SAR	-	7.37	7.3	By Calculation
25	Available Nitrogen	mg/Kg	84	158	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	489	498	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	93	90	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	7.8	6.3	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	62.0	58	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	9.4	7.74	P.K gupta : 2004
31	Conductivity	µs/cm	438	393	IS : 14767 : 2016

Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager (Q)

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TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Page: 2 of 2

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0044 Issue Date : 29/01/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06/04/2020
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TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			BEIL within up site	BEIL within down Site	Methods
17	Sand	%	62	60	Soil Manual of India
18	Clay	%	14	22	Soil Manual of India
19	Silt	%	24	18	Soil Manual of India
20	Porosity	%	43.6	34.0	P.K gupta : 2004
21	Cation Exchange Capacity	meq/100 gm	11.50	11.62	Soil Manual of India
22	Water Holding capacity	%	41.8	42.8	Soil Manual of India
23	Bulk Density	gm/cm ³	1.32	1.50	P.K gupta : 2004
24	SAR	-	6.14	7.63	By Calculation
25	Available Nitrogen	mg/Kg	93	86	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	503	574	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	104	98	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	6.80	7.30	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	32	56	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	7.20	6.9	P.K gupta : 2004
31	Conductivity	µs/cm	298	318	IS : 14767 : 2016

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Page: 1 of 2

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL0099 Issue Date : 27/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06/04/2020
--	--

Description of Sample	: Soil Sample	Quantity/No. of Samples	: 02 Kg/Two
Date of Sampling	: 16/02/2021	Sampling Procedure	: USEPA/IS 2720 etc.
Sampling By	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: USEPA/IS 2720 etc.
Sample Receipt Date	: 17/02/2021	Lab ID/Sub.	: BL/2102/41 & 42
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 17/02/2021	Date of Completion of Test	: 27/02/2021
Test Method	: USEPA/IS 2720 etc.		

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Kapodra (N - 21° 35' 39.5" E - 73° 00'30.1")	Bhadkodra (N - 21° 36' 10.5" E - 73° 00' 30.3")	Methods
1	pH	--	8.71	8.63	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.52	1.37	IS:2720 (Part-22):2015
3	Organic Matter	%	2.62	2.36	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	0.056	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	USEPA 3114 APHA(23 rd 2017)3114-B
7	Nickel as Ni by TCLP	mg/l	0.71	0.83	USEPA 1311 APHA(23 rd 2017)3111-B
8	Zinc as Zn by TCLP	mg/l	0.82	0.64	USEPA 1311 APHA(23 rd 2017)3111-B
9	Copper as Cu by TCLP	mg/l	0.33	0.75	USEPA 1311 APHA(23 rd 2017)3111-B
10	Iron as Fe by TCLP	mg/l	8.10	0.81	USEPA 1311 APHA(23 rd 2017)3111-B
11	Manganese as Mn by TCLP	mg/l	13.7	15.3	USEPA 1311 APHA(23 rd 2017)3111-B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3500-B
14	Mercury By TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3112-B
15	PAH	mg/Kg	BDL*	BDL*	USEPA 3540-C
16	Texture	--	Sandy loam	Loam	Soil Manual of India

Continue..

Mack
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Sr. Scientist

Arun
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Lab Manager (Q)

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Page: 2 of 2

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL0099
	Issue Date : 27/02/2021
	Customer's Ref. : W.O.No. 8520210010 Dated:06/04/2020

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Kapodra (N - 21° 35' 39.5" E - 73° 00'30.1")	Bhadkodra (N - 21° 36' 10.5" E - 73° 00' 30.3")	Methods
17	Sand	%	62	57	Soil Manual of India
18	Clay	%	17	19	Soil Manual of India
19	Silt	%	21	24	Soil Manual of India
20	Porosity	%	35.7	36.5	P.K gupta : 2004
21	Cation Exchange Capacity	meq/ 100 gm	10.86	10.68	Soil Manual of India
22	Water Holding capacity	%	41.8	42.9	Soil Manual of India
23	Bulk Density	gm/cm ³	1.63	1.52	P.K gupta : 2004
24	SAR	-	8.62	10.18	By Calculation
25	Available Nitrogen	mg/Kg	89	102	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	710	7.91	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	83	95	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	7.2	8.27	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	58	73	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	6.57	8.17	P.K gupta : 2004
31	Conductivity	µs/cm	289	358	IS : 14767 : 2016

Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
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Customer's Name and Address :

**M/s. BEIL INFRASTRUCTURE LIMITED.
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002**

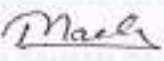
Test Report No. : **PL/BL 0100**
Issue Date : **27/02/2021**
Customer's Ref. : **W.O.No. 8520210010**
Dated: **06/04/2020**

Description of Sample	: Soil Sample	Quantity/No. of Samples	: 02 Kg/Two
Date of Sampling	: 16/02/2021	Sampling Procedure	: USEPA/IS 2720 etc.
Sampling By	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: USEPA/IS 2720 etc.
Sample Receipt Date	: 17/02/2021	Lab ID/Sub.	: BL/2102/43 & 44
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 17/02/2021	Date of Completion of Test	: 27/02/2021
Test Method	: USEPA/IS 2720 etc.		

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Kosamdi (N - 21° 34' 56.2" E - 73° 02' 8.3")	Gadkhol (N 21.652289 E 73.0181463)	Methods
1	pH	--	8.73	8.67	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.35	1.38	IS:2720 (Part-22):2015
3	Organic Matter	%	2.32	2.37	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	0.071	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	USEPA 3114 APHA(23 rd 2017)3114-B
7	Nickel as Ni by TCLP	mg/l	0.47	0.58	USEPA 1311 APHA(23 rd 2017)3111-B
8	Zinc as Zn by TCLP	mg/l	0.78	0.94	USEPA 1311 APHA(23 rd 2017)3111-B
9	Copper as Cu by TCLP	mg/l	0.21	0.43	USEPA 1311 APHA(23 rd 2017)3111-B
10	Iron as Fe by TCLP	mg/l	9.46	4.87	USEPA 1311 APHA(23 rd 2017)3111-B
11	Manganese as Mn by TCLP	mg/l	16.8	12.3	USEPA 1311 APHA(23 rd 2017)3111-B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3500-B
14	Mercury By TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3112-B
15	PAH	mg/Kg	BDL*	BDL*	USEPA 3540-C
16	Texture	--	Sandy Loam	Silt Loam	Soil Manual of India

Continue..


Macky Suraliwala
Sr. Scientist


Dr. Arun Bajpai
Lab Manager (Q)

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Page: 2 of 2

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0100
	Issue Date : 27/02/2021
	Customer's Ref. : W.O.No. 8520210010 Dated:06/04/2020

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Kosamdi (N - 21° 34' 56.2" E - 73° 02' 8.3")	Gadkhol (N 21.652289 E 73.0181463)	Methods
17	Sand	%	62	16	Soil Manual of India
18	Clay	%	18	23	Soil Manual of India
19	Silt	%	20	61	Soil Manual of India
20	Porosity	%	35.2	38.4	P.K gupta : 2004
21	Cation Exchange Capacity	meq/ 100 gm	11.80	12.14	Soil Manual of India
22	Water Holding capacity	%	34.9	43.8	Soil Manual of India
23	Bulk Density	gm/cm ³	1.58	1.37	P.K gupta : 2004
24	SAR	-	7.95	7.68	By Calculation
25	Available Nitrogen	mg/Kg	97	114	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	558	473	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	91	89	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	8.7	7.58	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	56	53	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	8.73	6.5	P.K gupta : 2004
31	Conductivity	µs/cm	295	429	IS : 14767 : 2016

MackySuraliwala
Sr. Scientist

Dr. ArunBajpai
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Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED.
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002

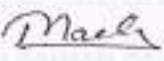
Test Report No. : **PL/BL 0101**
 Issue Date : **27/02/2021**
 Customer's Ref. : **W.O.No. 8520210010**
 Dated: **06/04/2020**

Description of Sample	: Soil Sample	Quantity/No. of Samples	: 02 Kg/Two
Date of Sampling	: 17/02/2021	Sampling Procedure	: USEPA/IS 2720 etc.
Sampling By	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: USEPA/IS 2720 etc.
Sample Receipt Date	: 18/02/2021	Lab ID/Sub.	: BL/2102/56&57
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 18/02/2021	Date of Completion of Test	: 27/02/2021
Test Method	: USEPA/IS 2720 etc.		

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Motali (N 21.6511008 E 73.0421245)	Sarangpur (N - 21° 36' 08.6" E - 73° 03' 20.8")	Methods
1	pH	--	8.12	8.59	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.53	1.42	IS:2720 (Part-22):2015
3	Organic Matter	%	2.63	2.44	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	USEPA 3114 APHA(23 rd 2017)3114-B
7	Nickel as Ni by TCLP	mg/l	0.63	0.69	USEPA 1311 APHA(23 rd 2017)3111-B
8	Zinc as Zn by TCLP	mg/l	0.85	0.53	USEPA 1311 APHA(23 rd 2017)3111-B
9	Copper as Cu by TCLP	mg/l	0.52	0.41	USEPA 1311 APHA(23 rd 2017)3111-B
10	Iron as Fe by TCLP	mg/l	0.91	0.68	USEPA 1311 APHA(23 rd 2017)3111-B
11	Manganese as Mn by TCLP	mg/l	8.7	17.2	USEPA 1311 APHA(23 rd 2017)3111-B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3500-B
14	Mercury By TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3112-B
15	PAH	mg/Kg	BDL*	BDL*	USEPA 3540-C
16	Texture	--	Loam	Sandy Loam	Soil Manual of India

Continue..


MackySuraliwala
Sr. Scientist


Dr. Arun Bajpai
Lab Manager (Q)

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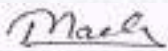
Page: 2 of 2

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0101 Issue Date : 27/02/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06/04/2020
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TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Motali (N 21.6511008 E 73.0421245)	Sarangpur (N - 21° 36' 08.6" E - 73° 03' 20.8")	Methods
17	Sand	%	53	43	Soil Manual of India
18	Clay	%	15	34	Soil Manual of India
19	Silt	%	32	23	Soil Manual of India
20	Porosity	%	35	25.8	P.K gupta : 2004
21	Cation Exchange Capacity	meq/ 100 gm	12.7	11.7	Soil Manual of India
22	Water Holding capacity	%	61.8	39	Soil Manual of India
23	Bulk Density	gm/cm ³	1.37	1.37	P.K gupta : 2004
24	SAR	-	9.20	11.58	By Calculation
25	Available Nitrogen	mg/Kg	182	114	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	470	403	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	81	87	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	7.56	7.5	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	61	79	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	8.84	8.1	P.K gupta : 2004
31	Conductivity	µs/cm	369	258	IS : 14767 : 2016



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TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Customer's Name and Address :

Page: 1 of 2

**M/s. BEIL INFRASTRUCTURE LIMITED.
 PLOT NO.9701-16, GIDC ESTATE
 POST BOX NO.82, ANKLESHWAR, 393002**

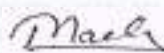
 Test Report No. : **PL/BL 0102**
 Issue Date : **27/02/2021**
 Customer's Ref. : **W.O.No. 8520210010**
 Dated: **06/04/2020**

Description of Sample : Soil Sample	Quantity/No. of Samples : 02 Kg/Two
Date of Sampling : 17/02/2021	Sampling Procedure : USEPA/IS 2720 etc.
Sampling By : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : USEPA/IS 2720 etc.
Sample Receipt Date : 18/02/2021	Lab ID/Sub. : BL/2102/58 & 59
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 18/02/2021	Date of Completion of Test : 27/02/2021
Test Method : USEPA/IS 2720 etc.	

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Dadhaj (N - 21° 37' 55.9" E - 73° 03' 42.1")	Jitali (N - 21° 37' 22.5" E - 073° 03' 43.4")	Methods
1	pH	--	8.73	8.61	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.59	1.53	IS:2720 (Part-22):2015
3	Organic Matter	%	2.74	2.63	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	USEPA 3114 APHA(23 rd 2017)3114-B
7	Nickel as Ni by TCLP	mg/l	0.49	0.86	USEPA 1311 APHA(23 rd 2017)3111-B
8	Zinc as Zn by TCLP	mg/l	0.38	0.53	USEPA 1311 APHA(23 rd 2017)3111-B
9	Copper as Cu by TCLP	mg/l	0.41	0.61	USEPA 1311 APHA(23 rd 2017)3111-B
10	Iron as Fe by TCLP	mg/l	0.63	1.76	USEPA 1311 APHA(23 rd 2017)3111-B
11	Manganese as Mn by TCLP	mg/l	12.7	6.94	USEPA 1311 APHA(23 rd 2017)3111-B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3500-B
14	Mercury By TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3112-B
15	PAH	mg/Kg	BDL*	BDL*	USEPA 3540-C
16	Texture	--	Clay Loam	Silt Loam	Soil Manual of India

Continue..



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Sr. Scientist



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QF/7.8/37-EX

Page: 2 of 2

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0102
	Issue Date : 27/02/2021
	Customer's Ref. : W.O.No. 8520210010 Dated:06/04/2020

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Dadhal (N - 21° 37' 55.9" E - 73° 03'42.1")	Jitali (N - 21° 37' 22.5" E - 073° 03' 43.4")	Methods
17	Sand	%	30	23	Soil Manual of India
18	Clay	%	34	19	Soil Manual of India
19	Silt	%	36	58	Soil Manual of India
20	Porosity	%	41.2	37.6	P.K gupta : 2004
21	Cation Exchange Capacity	meq/ 100 gm	7.39	11.28	Soil Manual of India
22	Water Holding capacity	%	46.8	42.3	Soil Manual of India
23	Bulk Density	gm/cm ³	1.32	1.34	P.K gupta : 2004
24	SAR	-	10.62	9.93	By Calculation
25	Available Nitrogen	mg/Kg	91	93	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	483	501	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	92	89	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	6.9	7.32	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	75	69	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	5.9	7.5	P.K gupta : 2004
31	Conductivity	µs/cm	412	364	IS : 14767 : 2016

MackySuraliwala
Sr. Scientist

Dr. ArunBajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com



TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Page: 2 of 2

Customer's Name and Address :

**M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002**

Test Report No. : **PL/BL 0103**
Issue Date : **27/02/2021**
Customer's Ref. : **W.O.No. 8520210010**
Dated:06/04/2020

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			BEIL within down Site	BEIL within up site	Methods
17	Sand	%	61	64	Soil Manual of India
18	Clay	%	19	17	Soil Manual of India
19	Silt	%	20	19	Soil Manual of India
20	Porosity	%	38.2	39.7	P.K gupta : 2004
21	Cation Exchange Capacity	meq/100 gm	11.24	10.8	Soil Manual of India
22	Water Holding capacity	%	39.6	40.3	Soil Manual of India
23	Bulk Density	gm/cm ³	1.51	1.43	P.K gupta : 2004
24	SAR	-	7.28	6.9	By Calculation
25	Available Nitrogen	mg/Kg	95	85	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	568	532	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	84	90	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	8.12	7.84	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	63.4	53.2	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	7.2	7.64	P.K gupta : 2004
31	Conductivity	µs/cm	329	312	IS : 14767 : 2016

MackySuraliwala
Sr. Scientist

Dr. ArunBajpai
Lab Manager (Q)

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TEST CERTIFICATE FOR SOIL

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Page: 1 of 2

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002

Test Report No. : **PL/BL 0150**
 Issue Date : **25/03/2021**
 Customer's Ref. : **W.O.No. 8520210010**
Dated:06/04/2020

Description of Sample : Soil Sample	Quantity/No. of Samples : 02 Kg/ Three
Date of Sampling : 17/03/2021	Sampling Procedure : USEPA/IS 2720 etc.
Sampling By : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : USEPA/IS 2720 etc.
Sample Receipt Date : 18/03/2021	Lab ID/Sub. : BL/2103/19 TO 21
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 18/03/2021	Date of Completion of Test : 25/03/2021
Test Method : USEPA/IS 2720 etc.	

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT			Methods
			Kapodra (N - 21° 35' 39.5" E - 73° 00' 30.1")	Bhadkodra (N - 21° 36' 10.5" E - 73° 00' 30.3")	Kosamdi (N - 21° 34' 56.2" E - 73° 02' 8.3")	
1	pH	--	8.62	8.47	8.64	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.59	1.56	1.53	IS:2720 (Part-22):2015
3	Organic Matter	%	2.74	2.68	2.63	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	0.048	BDL*	0.051	USEPA 1311 APHA(23 rd 2017)3111-B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3114 APHA(23 rd 2017)3114-B
7	Nickel as Ni by TCLP	mg/l	0.82	0.72	0.56	USEPA 1311 APHA(23 rd 2017)3111-B
8	Zinc as Zn by TCLP	mg/l	0.95	0.93	0.84	USEPA 1311 APHA(23 rd 2017)3111-B
9	Copper as Cu by TCLP	mg/l	0.62	0.87	0.40	USEPA 1311 APHA(23 rd 2017)3111-B
10	Iron as Fe by TCLP	mg/l	7.58	0.95	8.36	USEPA 1311 APHA(23 rd 2017)3111-B
11	Manganese as Mn by TCLP	mg/l	14.3	13.2	15.2	USEPA 1311 APHA(23 rd 2017)3111-B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3500-B
14	Mercury By TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3112-B
15	PAH	mg/Kg	BDL*	BDL*	BDL*	USEPA 3540-C
16	Texture	--	Sandy loam	Loam	Sandy loam	Soil Manual of India

Continue..

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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Page: 1 of 2

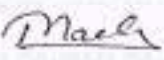
Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002

Test Report No. : **PL/BL 0150**
 Issue Date : **25/03/2021**
 Customer's Ref. : **W.O.No. 8520210010**
 Dated: **06/04/2020**

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT			Methods
			Kapodra (N - 21° 35' 39.5" E - 73° 00' 30.1")	Bhadkodra (N - 21° 36' 10.5" E - 73° 00' 30.3")	Kosamdi (N - 21° 34' 56.2" E - 73° 02' 8.3")	
17	Sand	%	61	58	64	Soil Manual of India
18	Clay	%	20	23	15	Soil Manual of India
19	Silt	%	19	19	21	Soil Manual of India
20	Porosity	%	32.7	39.4	32.4	P.K gupta : 2004
21	Cation Exchange Capacity	meq/100 gm	10.68	10.26	11.52	Soil Manual of India
22	Water Holding capacity	%	39.2	48.6	31.8	Soil Manual of India
23	Bulk Density	gm/cm ³	1.60	1.50	1.54	P.K gupta : 2004
24	SAR	-	9.78	10.2	9.0	By Calculation
25	Available Nitrogen	mg/Kg	93	95	73	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	670	6.93	518	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	91	85	97	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	8.5	7.28	7.2	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	69	69	65	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	7.23	7.64	7.2	P.K gupta : 2004
31	Conductivity	µs/cm	275	329	310	IS : 14767 : 2016


Macky Suraliwala
 Sr. Scientist


Dr. Arun Bajpai
 Lab Manager (Q)

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TEST CERTIFICATE FOR SOIL

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Page: 1 of 2

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED .
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002

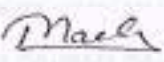
Test Report No. : **PL/BL 0151**
 Issue Date : **25/03/2021**
 Customer's Ref. : **W.O.No. 8520210010**
Dated:06/04/2020

Description of Sample : Soil Sample	Quantity/No. of Samples : 02 Kg/ Three
Date of Sampling : 18/03/2021	Sampling Procedure : USEPA/IS 2720 etc.
Sampling By : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : USEPA/IS 2720 etc.
Sample Receipt Date : 19/03/2021	Lab ID/Sub. : BL/2103/31 TO 33
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 19/03/2021	Date of Completion of Test : 25/03/2021
Test Method : USEPA/IS 2720 etc.	

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT			
			Motali (N 21.6511008 E 73.0421245)	Sarangpur (N - 21° 36' 08.6" E - 73° 03' 20.8")	Gadkhol (N 21.652289 E 73.0181463)	Methods
1	pH	--	8.31	8.70	8.72	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.68	1.53	1.46	IS:2720 (Part-22):2015
3	Organic Matter	%	2.89	2.63	2.51	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3114 APHA(23 rd 2017)3114-B
7	Nickel as Ni by TCLP	mg/l	0.76	0.74	0.64	USEPA 1311 APHA(23 rd 2017)3111-B
8	Zinc as Zn by TCLP	mg/l	0.95	0.68	0.85	USEPA 1311 APHA(23 rd 2017)3111-B
9	Copper as Cu by TCLP	mg/l	0.64	0.47	0.37	USEPA 1311 APHA(23 rd 2017)3111-B
10	Iron as Fe by TCLP	mg/l	0.86	0.78	6.12	USEPA 1311 APHA(23 rd 2017)3111-B
11	Manganese as Mn by TCLP	mg/l	9.1	15.9	11.7	USEPA 1311 APHA(23 rd 2017)3111-B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3500-B
14	Mercury By TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3112-B
15	PAH	mg/Kg	BDL*	BDL*	BDL*	USEPA 3540-C
16	Texture	--	Loam	Sandy loam	silt Loam	Soil Manual of India

Continue..


MackySuraliwala
Sr. Scientist


Dr. Arun Bajpai
Lab Manager (Q)

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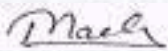
Page: 2 of 2

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0151 Issue Date : 25/03/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06/04/2020
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TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT			
			Motali (N 21.6511008 E 73.0421245)	Sarangpur (N - 21° 36' 08.6" E - 73° 03' 20.8")	Gadkhol (N 21.652289 E 73.0181463)	Methods
17	Sand	%	36	49	15	Soil Manual of India
18	Clay	%	18	30	25	Soil Manual of India
19	Silt	%	46	21	60	Soil Manual of India
20	Porosity	%	38	32	36.7	P.K gupta : 2004
21	Cation Exchange Capacity	meq/100 gm	12.3	10.4	13.10	Soil Manual of India
22	Water Holding capacity	%	60.2	35.6	43.6	Soil Manual of India
23	Bulk Density	gm/cm3	1.41	1.32	1.39	P.K gupta : 2004
24	SAR	-	8.40	10.6	10.4	By Calculation
25	Available Nitrogen	mg/Kg	156	86	96	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	428	374	465	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	92	76	70	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	7.3	8.2	8.1	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	59	69	65	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	7.5	7.8	7.9	P.K gupta : 2004
31	Conductivity	µs/cm	386	269	418	IS : 14767 : 2016



MackySuraliwala
Sr. Scientist



Dr. ArunBajpai
Lab Manager (Q)

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TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0152 Issue Date : 25/03/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06/04/2020
--	---

Description of Sample	: Soil Sample	Quantity/No. of Samples	: 02 Kg/Two
Date of Sampling	: 19/03/2021	Sampling Procedure	: USEPA/IS 2720 etc.
Sampling By	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: USEPA/IS 2720 etc.
Sample Receipt Date	: 20/03/2021	Lab ID/Sub.	: BL/2103/43 & 44
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 20/03/2021	Date of Completion of Test	: 25/03/2021
Test Method	: USEPA/IS 2720 etc.		

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Dadhal (N - 21° 37' 55.9" E - 73° 03' 42.1")	Jitali (N - 21° 37' 22.5" E - 073° 03' 43.4")	Methods
1	pH	--	8.85	8.75	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.52	1.58	IS:2720 (Part-22):2015
3	Organic Matter	%	2.62	2.72	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	USEPA 3114 APHA(23 rd 2017)3114-B
7	Nickel as Ni by TCLP	mg/l	0.63	0.94	USEPA 1311 APHA(23 rd 2017)3111-B
8	Zinc as Zn by TCLP	mg/l	0.59	0.47	USEPA 1311 APHA(23 rd 2017)3111-B
9	Copper as Cu by TCLP	mg/l	0.68	0.68	USEPA 1311 APHA(23 rd 2017)3111-B
10	Iron as Fe by TCLP	mg/l	0.97	1.27	USEPA 1311 APHA(23 rd 2017)3111-B
11	Manganese as Mn by TCLP	mg/l	15.8	7.4	USEPA 1311 APHA(23 rd 2017)3111-B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3500-B
14	Mercury By TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3112-B
15	PAH	mg/Kg	BDL*	BDL*	USEPA 3540-C
16	Texture	--	clay Loam	Silt Loam	Soil Manual of India

Continue...

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

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TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Customer's Name and Address :

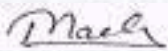
Page: 2 of 2

**M/s. BEIL INFRASTRUCTURE LTD,
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002**

Test Report No. : **PL/BL 0152**
Issue Date : **25/03/2021**
Customer's Ref. : **W.O.No. 8520210010**
Dated: **06/04/2020**

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Dadhal (N - 21° 37' 55.9" E - 73° 03' 42.1")	Jitali (N - 21° 37' 22.5" E - 073° 03' 43.4")	Methods
17	Sand	%	27	19	Soil Manual of India
18	Clay	%	43	22	Soil Manual of India
19	Silt	%	30	59	Soil Manual of India
20	Porosity	%	42.6	36.8	P.K gupta : 2004
21	Cation Exchange Capacity	meq/100 gm	9.84	10.6	Soil Manual of India
22	Water Holding capacity	%	47.9	49.4	Soil Manual of India
23	Bulk Density	gm/cm ³	1.34	1.35	P.K gupta : 2004
24	SAR	-	8.5	7.62	By Calculation
25	Available Nitrogen	mg/Kg	103	87	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	498	472	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	102	93	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	7.2	7.64	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	63	54	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	7.5	8.6	P.K gupta : 2004
31	Conductivity	µs/cm	392	372	IS : 14767 : 2016



Macky Suraliwala
Sr. Scientist



Dr. Arun Bajpai
Lab Manager (Q)

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TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Customer's Name and Address :

Page: 1 of 2

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0153 Issue Date : 25/03/2021 Customer's Ref. : W.O.No. 8520210010 Dated:06/04/2020
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Description of Sample	: Soil Sample	Quantity/No. of Samples	: 02 Kg/Two
Date of Sampling	: 19/03/2021	Sampling Procedure	: USEPA/IS 2720 etc.
Sampling By	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: USEPA/IS 2720 etc.
Sample Receipt Date	: 20/03/2021	Lab ID/Sub.	: BL/2103/47 & 48
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 20/03/2021	Date of Completion of Test	: 25/03/2021
Test Method	: USEPA/IS 2720 etc.		

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			BEIL within down Site	BEIL within up site	Methods
1	pH	--	8.73	8.94	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.86	1.70	IS:2720 (Part-22):2015
3	Organic Matter	%	3.20	2.93	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	USEPA 3114 APHA(23 rd 2017)3114-B
7	Nickel as Ni by TCLP	mg/l	0.84	0.89	USEPA 1311 APHA(23 rd 2017)3111-B
8	Zinc as Zn by TCLP	mg/l	0.96	0.72	USEPA 1311 APHA(23 rd 2017)3111-B
9	Copper as Cu by TCLP	mg/l	0.79	0.48	USEPA 1311 APHA(23 rd 2017)3111-B
10	Iron as Fe by TCLP	mg/l	0.85	0.75	USEPA 1311 APHA(23 rd 2017)3111-B
11	Manganese as Mn by TCLP	mg/l	10.7	12.3	USEPA 1311 APHA(23 rd 2017)3111-B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3111-B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3500-B
14	Mercury By TCLP	mg/l	BDL*	BDL*	USEPA 1311 APHA(23 rd 2017)3112-B
15	PAH	mg/Kg	BDL*	BDL*	USEPA 3540-C
16	Texture	--	Sandy loam	Sandy loam	Soil Manual of India

Continue...

Mack
MackySuraliwala
Sr. Scientist

Arun
Dr. ArunBajpai
Lab Manager (Q)

Note: This report is subject to terms & conditions mentioned overleaf.

● FSSAI Approved Lab ● Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986 ● GPCB approved schedule II auditor ● ISO 14001 : 2004 ● OHSAS 18001 : 2007 ● ISO 9001 : 2008

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com



TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Customer's Name and Address :

Page: 2 of 2

**M/s. BEIL INFRASTRUCTURE LTD,
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002**

Test Report No. : **PL/BL 0153**
Issue Date : **25/03/2021**
Customer's Ref. : **W.O.No. 8520210010**
Dated: **06/04/2020**

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			BEIL within down Site	BEIL within up site	Methods
17	Sand	%	62	63	Soil Manual of India
18	Clay	%	20	16	Soil Manual of India
19	Silt	%	18	21.0	Soil Manual of India
20	Porosity	%	3.0	45.2	P.K gupta : 2004
21	Cation Exchange Capacity	meq/100 gm	11.72	10.8	Soil Manual of India
22	Water Holding capacity	%	44.8	37.4	Soil Manual of India
23	Bulk Density	gm/cm ³	1.50	1.35	P.K gupta : 2004
24	SAR	-	8.0	7.1	By Calculation
25	Available Nitrogen	mg/Kg	114	98	P.K gupta : 2004
26	Available Phosphorus	mg/Kg	520	528	P.K gupta : 2004
27	Exchangeable Calcium	meq/l	92	89.0	P.K gupta : 2004
28	Exchangeable Magnesium	meq/l	7.6	7.4	P.K gupta : 2004
29	Exchangeable Sodium	meq/l	57.0	49.2	P.K gupta : 2004
30	Exchangeable Potassium	meq/l	6.8	6.84	P.K gupta : 2004
31	Conductivity	µs/cm	305	310	IS : 14767 : 2016

Macky Suraliwala
Sr. Scientist

Dr. Arun Bajpai
Lab Manager (Q)

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ક્રમાંક/ડીઆઈએસએચ/એફ-નકશા/૨૦૧૯/૧૮૫૨
ડાયરેક્ટર ઇન્ડસ્ટ્રીયલ સેફ્ટી એન્ડ હેલ્થની કચેરી
શ્રમ ભવન ત્રીજો માળ ગળ હાઉસની બાજુમાં
રૂસ્તમકામા માર્ગ ખાનપુર અમદાવાદ-૦૧
તા.૧૯/૭ /૨૦૧૯

પતિ,

કન્વેક્ટરશ્રી,

BHARUCH ENVIRO INFRASTRUCTURE LTD
PLOT NO. 7905/E TO 7925/H, 7924 TO 7927, 940 TO G/6,
TO 9601 TO 9604, G/7, 10001 TO 10003, 9701 TO 9716,
9801 TO 9828, 9901 TO 9906 & 9923 TO 9928, GIDC
ANKLESHWAR, DIST. BHARUCH.

વિષય:- સને ૧૯૪૮ના કારખાનાના અધિનિયમ અન્વયે વિસ્તૃતીકરણ નકશા મંજૂર કરવા અંગે.

મહાશય

ઉપરોક્ત વિષયના સંદર્ભના આપના કારખાનાના નકશાની નકલ- નકલો નીચેની શરતોને આધીન રહીને મંજૂર કરી પરત કરવામાં આવે છે.

- (૧) મકાન કે વિસ્તૃતીકરણનો કારખાના તરીકે ઉપયોગ કરતા પહેલા મંજૂર થયેલ નકશામાં બતાવેલ કારખાનાનું વિસ્તૃતીકરણનું બાંધકામ, પ્લાન્ટ તથા મશીનરી અંગે સ્ટ્રક્ચરલ એન્જીનીયરીંગનું કારખાનાની મજબૂતાઇ ચકાસ્યા અંગેનું સ્ટેબિલિટી સર્ટીફિકેટ ગુજરાત કારખાનાના નિયમ-૧૯૬૩ના નિયમ-૩(ગ) હેઠળ નક્કી કરેલ નમૂના-૧(એ)માં આપવું. સાથે બાંધકામની સ્ટ્રક્ચરલ ડીટેઇલ, ડીઝાઇન અને ડ્રોઇંગ રજૂ કરવું. ઉપરાંત કારખાનાનું મકાન તેના ફ્લોર સહિત એક ચોરસમીટર ક્ષેત્રફળમાં કેટલું 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 સ્ટેબિલિટી સર્ટીફિકેટ સાથે રજૂ કરવી. ઉપરાંત બાંધકામની તાકાત લેબોરેટરી ટેસ્ટ કરાવીને તેના પરિણામ સાથે ગણતરીને સરખાવીને રજૂ કરી તે અંગેની જાણ ડાયરેક્ટર ઓફ ઇન્ડસ્ટ્રીયલ સેફ્ટી એન્ડ હેલ્થશ્રીની (કારખાનાના મુખ્ય નિરીક્ષકશ્રી) સ્વિકૃતિ મેળવવી.
- (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.
- (૩) તમામ કારખાનામાંથી નીકળતા વ્યવસાયિક બગાડ જેવા કે, ગંદુ પાણી, ધુમાડો, ધૂળ કે ગેસ વિગેરેના નિકાલ અંગેની જળ વાયુ પ્રદૂષણ પાસેથી મંજૂરી મેળવવી.
- (૪) રીવાઇઝ્ડ/એક્સ્ટેન્શન/ રીવાઇઝ્ડ વીથ એક્સ્ટેન્શન કારખાના માટે નવું બાંધકામ હોય તો BOCW CESS ACT ની જોગવાઈ મુજબ બાંધકામની કુલ કિંમતના ૧ ટકા લેખે સેસની રકમ સેસ કલેક્ટર સમક્ષ જમા કરાવવાની રહેશે.
- (૫) સક્ષમ અધિકારી દ્વારા મંજૂર કરેલ પ્લાન પ્રમાણે બાંધકામ કરવાનું રહેશે. તથા કારખાનામાં બતાવેલ ખુલ્લી રાખવાપાત્ર જગ્યાને ખુલ્લી જ રાખવાની રહેશે.

આપનો વિશ્વાસુ

P. H. Shah

ડાયરેક્ટર

ઇન્ડસ્ટ્રીયલ સેફ્ટી એન્ડ હેલ્થ
ગુજરાત રાજ્ય અમદાવાદ

ક્રમાંક/ડીઆઈએસએચ/એફ-નકશા/૨૦૧૯/૧૮૫૨
ડાયરેક્ટર ઇન્ડસ્ટ્રીયલ સેફ્ટી એન્ડ હેલ્થની કચેરી
શ્રમ ભવન ત્રીજો માળ ગળ હાઉસની બાજુમાં
રૂસ્તમકામા માર્ગ ખાનપુર અમદાવાદ-૦૧
તા.૧૯/૭ /૨૦૧૯

નકલ રવાના:-

આસી./ડેપ્યુટી ડાયરેક્ટરશ્રી, ઇન્ડસ્ટ્રીયલ સેફ્ટી એન્ડ હેલ્થ, BHARUCHને મંજૂર થયેલ નકશાની નકલ દસ્તાવેજ સહિત જે તા:- 03/06/2019 ના પત્ર ક્રમાંક 959 થી મોકલેલ તે આ સાથે દસ્તાવેજ સહિત પરત કરેલ છે.

S. K.

ડાયરેક્ટર

ઇન્ડસ્ટ્રીયલ સેફ્ટી એન્ડ હેલ્થ
ગુજરાત રાજ્ય અમદાવાદ



ગુજરાત ઊદ્યોગિક વિકાસ નિગમ

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

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 9929

GIDC

Ankleshwar

**Sub.: Approval of drawing of the proposed / Revised, Extension & Alteration
Factory Building / Residential Building / Commercial Building on Plot/Shed
No. 7905/E TO 9929**

at G.I.D.C., Ankleshwar.

Ref : (1) Your letter No. on line 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 Safety & 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. GIDC B CON SANT.
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 boundaries of owners own plot.
10. You are requested to obtain the completion certificate from Executive Engineer GIDC, Ankleshwar, after completing the construction 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 ram 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 requested to provide _____ Nos. of Rain water Harvesting with percolating 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 safety & health may be obtained and produce the same to this office.
23. **IMPORTANT NOTE :**
STRUCTURAL SAFETY AND SAFETY MEASURE AGAINST ALL NATURAL CLAIMANTS ARE TO 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


 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 SR. A.T.P GIDC Gandhinagar for along with upper layout plan.



BHARUCH ENVIRO INFRASTRUCTURE LTD.



B. E. I. L.

SITE OFFICE : 9701-15, P.B. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
PHONE : (02646) 253135, 226228

March 24, 2008

Paryavaran Suraksha Samiti
Vadodara

Kind attn :- Mr Rohit Prajapat

Dear Sir:

Sub :- Environmental Clearance for our TSD 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 TSD 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 : 8731-16, P.P. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
* PHONE : (02646) 253135, 225928

March 24, 2008

Centre for Environment, Science & Community
CESCOM
Vadodara

Kind attn :- Mr Jayesh Patel

Dear Sir,

Sub :- Environmental Clearance for our TSDF Facility

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

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

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We hope that you will find the same in order.

Thanking you

Yours faithfully
For, Bharuch Enviro Infrastructure Ltd

DR P N PARAMESWARAN
Sr General Manager (Environment)

Encl : a/a



BHARUCH ENVIRO INFRASTRUCTURE LTD.



SITE OFFICE : 9/01-16, P.S. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
PHONE : (02649) 253135, 225228

March 24, 2008

Safety Health & Environment Association
Kasak Fuvara
Bharuch

Kind attn. :- Mr Yogesh Pandya

Dear Sir,

Sub :- Environmental Clearance for our TSD 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 TSD Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

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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 - 383 002., DIST. BHARUCH

PHONE : (02646) 253135, 225228

Mr Pravinbhai P Sheth
Senior Citizen
Ankleshwar

Dear Sir,

Sub :- Environmental Clearance for our TSD 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 TSD 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 : 3701-16, P.E. NO. B2, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH

PHONE : (02646) 253135, 225228

Paryavaran Mitra
Ahmedabad

Kind attn :- Mr Mahesh Pandya

Dear Sir,

Sub :- Environmental Clearance for our TSD Facility

Ref :- Environmental Clearance No. 1D-48/2007-IA.III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSD 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.B. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
PHONE : (02646) 253130, 226228

March 24, 2008

Brackish Water Research Center
Olpad
Dist - Surat

Kind attn - Mr. M.S.H. Sheikh

Dear Sir,

Sub :- Environmental Clearance for our TSDF Facility

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

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

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.B. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
PHONE : (02646) 253136, 225228



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



BHARUCH ENVIRO INFRASTRUCTURE LTD.



SITE OFFICE : 9701-16, P.S. NO. 82, GIDC, ANKLESHWAR - 383 002, DIST. BHARUCH
PHONE : (02646) 253135, 225228

March 24, 2008

Mr Sandeep Jaguwala, Advocate
Ankleshwar

Dear Sir,

Sub :- Environmental Clearance for our TSDF Facility

Ref :- Environmental Clearance No. 10-48/2007-1A.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



BHARUCH ENVIRO INFRASTRUCTURE LTD.



SITE OFFICE : S701-16, P.S. NO. 82, GIDC, ANKLESHWAR - 383 002, DIST. BHARUCH
PHONE : (02646) 253135, 225228

March 24, 2008

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

Dear Sir,

Sub :- Environmental Clearance for our TSD Facility

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

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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. 02, 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 TSD 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 TSD Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

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Yours faithfully
For, Bharuch Enviro Infrastructure Ltd

DR P N PARAMESWARAN
Sr General Manager (Environment)

End : a/a

૧ એપ્રિલથી પાલિકાઓમાં કારપેટ એરિયા આધારિત મિલકતવેરો

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

અમદાવાદ, દુબઈ

રાજ્યની ૧૫૯ નગરપાલિકાઓમાં ૧ એપ્રિલ-૦૮થી કારપેટ એરિયા આધારિત મિલકતવેરો વસુલ કરાશે. રાજ્ય સરકારે ગત વિધાનસભામાં આ અંગે ખરડો પસાર કર્યો હતો. કારપેટ એરિયા તરીકે અહારની કે અંદરની હોવાલ જેના પર ઊભી કરાઈ હોય તે વિસ્તાર સિવાયનો ઉંમારતનો વિસ્તાર ગણાશે. આ નવી કોમ્પ્લેક્સ પ્રમાણે દર બે વર્ષે મિલકતવેરામાં ૧૦ ટકાનો વધારો કરાશે. મિલકત વેરાની વસુલાત માટે ૧૫૯ નગરપાલિકાઓને ૪ વિભાગમાં વહેંચી દેવાઈ છે અને દરેક

વિભાગમાં મિલકતવેરાની ગણતરી માટે અલગ અલગ દર નક્કી કરાશે. કારપેટ એરિયા આધારિત મિલકતવેરો નક્કી કરતી વખતે મિલકતનું સ્થળ સીધી પહેલાં જોવાશે. રહેણાંક જો 'સમૂહ 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 'સમૂહ' વિસ્તારમાં હશે તો ભારાંક રૂ. ૧.૫૦, 'મધ્યમ' વિસ્તારમાં હશે તો રૂ. ૧.૨૫ અને 'નબળા' વિસ્તારમાં હશે તો રૂ. ૧.૦૦ રખાશે. બીજા પરિભવ 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 જુની ઉંમારત માટે ૦.૫૦ પૈસાનો દર વસુલાશે. જો મિલકત માલિકના તાબે હશે તો ભારાંક રૂ. ૧.૦૦ અને ભાડુઆતના તાબે (ટેનેન્ટ) હશે તો રૂ. ૧.૨૫નો

મિલકતવેરો કેવી રીતે ગણાશે ?

મિલકત વેરાની રકમ = જુનું છે અને મકાનમાલિક પોતે મિલકતનું કોન્ટ્રાક્ટ (ચો.મી.) ઉપયોગમાં લે છે.
ચો.મી. દીઠ વેરાનો દર (+૧) પારો કે મિલકતવેરાનો દર પ્રતિ
ટ મિલકતનું સ્થળ (+૨) ચો.મી. રૂ. ૫ રાંખવામાં આવે તો
મિલકતનું આયુષ્ય (+૩) ટ ચો.મી. દીઠ રૂ.૫ ટ ૭૫ =
મિલકતનો પ્રકાર (+૪) રૂ.૩૭૫
ગણતરી મુકવાથી જે રકમ હવે નવી કોમ્પ્લેક્સ મુજબ,
આવશે તે જે તે મિલકતપાટકની ૩૭૫ ટ ૧.૨૫ (+૧) ટ ૧
મિલકતનો વાર્ષિક મિલકતવેરો (મિલકતની ઉંમર) (+૨) ટ ૧
ગણાશે. (ઉપયોગ) (+૩) ટ ૦.૭૫
પારો કે કોઈ એક (બાંધકામનો પ્રકાર) (+૪) = ૩૭૫
નગરપાલિકામાં ૭૫ ચો.મી.નું ટ ૧.૨૫ ટ
રહેણાંકનું મકાન (ફ્લેટ પ્રકારનું) ૧.૦૦ ટ ૦.૭૫ = ૩૫૧.૫૪
સમૂહ વિસ્તારમાં છે. તે ૧૦ વર્ષ મિલકતવેરો.

ભારાંક રહેશે. બાંધકામ જો સ્વતંત્ર પ્લોટનાં બાંધકામ માટે ભારાંક અંગલો હશે તો રૂ. ૧.૨૫, ૦.૫૦ પૈસા રહેશે. કોમર્શિયલ ટેનામેન્ટ-રોહાઉસ હશે તો ઉપયોગ માટે રૂ. ૪.૦૦નો ભારાંક રૂ. ૧.૦૦, ફ્લેટ હશે તો ૦.૭૫ પૈસા, પોલ- શહેરી વિસ્તારમાં વેરહાઉસ વગેરે) જ્યારે કુકાન-રહેણાંકનાં મકાનો હશે તો ૦.૭૫ હોટેલ, રેસ્ટોરન્ટ, શિપ્ટર વગેરે પૈસા તથા ચાલી તથા ખુલ્લા માટે રૂ. ૩.૦૦નો ભારાંક રહેશે.

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 થી ૭૯૦૬, ૯૯૦૧ થી ૯૯૦૮ અને ૯૯૨૩ થી ૯૯૨૮ જીઆઇડીસી અંકલેક્ષ્વર ૩૯૩૦૦૨, જી. ભરૂચ, ગુજરાત

ટી.એસ.ડી. એફ સુવિધા માટે પર્યાવરણીય મંજુરી વિસ્તુતીકરણ અને કોમન ઇન્શીઅરન્સ 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., અંકલેક્ષ્વરને ટી.એસ.ડી.એફ. સુવિધાના વિસ્તુતીકરણ માટે પર્યાવરણીય મંજુરી પ્રદાન કરેલ છે. મંજુરી પત્રની પ્રતિ ગુજરાત પ્રદુષણ નિયંત્રણ બોર્ડ તથા વન અને પર્યાવરણ મંત્રાલયની વેબ સાઇટ www.envfor.nic.in પર પણ જોઈ શકાય છે.

SARFAESI Act 2002 and S I E Rules 2002 હેઠળ ઍકના કલખા વાળી સ્થાવર મિલકતની વેચાણની જાહેર હરાજી

નીચે શીકાયુલ માં જણાવેલ ખાતેદારની તેમા જણાવેલ મિલકત ઍકે સીકમુરહાજોષ કન્ટ્રીકલ્જ ઍકે કલખાવળીવલ ઍસેટ ઍકે-૨૦૦૨ તમા કલખોસીએક ઍકે સીકમુરી ઍકેસ્ટ કલ્લ ૨૦૦૨ હેઠળની નીટીક તારીખ ૩-૧૦-૦૭ ના રોજ ઘરુજ કરેલ છે. આધારે તેઓએ રૂપીયા ૨૧૪૨૩૪૭.૦૦ તમા વ્લાજ તમા કલખા ખર્ચ સહિતની રકમ કલખાની ઠાલી નીકળી છે. તેઓ આ રકમ ભરવા ઠાલ સકુળ થમા ન કોવાથી સીકમુ વાળી કોર્ટીજ કરેલી મિલકત તારીખ ૨૦-૦૩-૦૮ ના રોજ તેનું પડેરાન ઍકે કલખ ઍકેસ્ટની જાહેરાત તા.૨૧-૦૩-૦૮ કલ્લે ૨૨-૦૩-૦૮ ના રોજ ટેલિક ઍરામાં પ્રગટ કરે છે.

સદર હું મિલકતનું વેચાણ "જે છે, જ્યાં છે કાલે જેમ છે." તે ઘોરણે જાહેર હરાજી તારીખ ૨૨-૦૪-૦૮ ના રોજ ઠાવોરમા ૨.૦૦ ઠાકઈ નીચે સહિ કરનારની ઍકેસ્ટી કોઈ ઠાકઈ વેચાણ કરવામાં આવશે. સદર હું હરાજીમાં ઠાકા લેનારે સીલબંધ કરવામાં ઍકે નીચે સહિ કરનારને તે દિવસ ના ઠાવોરમા ૧.૦૦ ઠાકા સુધીમાં ઠાવણની રકમે ઍકેસ્ટ કરનારને ઍકેસ્ટ સાથે પોતાની ઠાવણખની સહોતી સાથે રૂપીયા ૧,૨૫,૦૦૦.૦૦ ની કિર્મતનો ઍકે ઍકેસ્ટ ઠાવણા સાખાખા લખવનો ક્રાફ્ટ પેપરોકેવ દ્વારા જ કરાવાના રહેશે. ઍકેસ્ટ સ્પિલક્ટ થયેલી ખરીદ કિર્મતની ૫૦% રકમ ઍ દિવસમાં જ કરાવાવાની રહેશે તેમજ ઠાવણીની ૫૦% રકમ ઍકેસ્ટ સ્પિલક્ટ થવાલા ૧૦ દિવસ

1. હસ્તાક્ષર/પ્રમાણપત્ર સાથેલ કરવામાં આવે. ૦૨. ખાનગી વ્યક્તિઓના પ્રમાણપત્ર જેના માટે આ

CITY: AHMEDABAD
 DATE: 12/10/2007
 PRICE: ₹ 10

Sea threatens to drown Dandi's history



1 March 2007 (The Indian Express) The Mahatma Gandhi memorial in Dandi, Gujarat, is threatened by sea level rise. The memorial is a large, rectangular structure with a central archway. It is surrounded by a low wall and is situated on a sandy beach. The sea is visible in the background, and the sky is overcast.

The salt they produced was a lifeline for the people of Dandi. In 1930, Mahatma Gandhi led a historic march to Dandi to protest against the British salt tax. The march was a turning point in the Indian independence movement. The memorial is a symbol of this historic event. It is a large, rectangular structure with a central archway. It is surrounded by a low wall and is situated on a sandy beach. The sea is visible in the background, and the sky is overcast.

The salt they produced was a lifeline for the people of Dandi. In 1930, Mahatma Gandhi led a historic march to Dandi to protest against the British salt tax. The march was a turning point in the Indian independence movement. The memorial is a symbol of this historic event. It is a large, rectangular structure with a central archway. It is surrounded by a low wall and is situated on a sandy beach. The sea is visible in the background, and the sky is overcast.

BHARUCH ENVIRO-INFRASTRUCTURE IT

Project No. 5001-20-0001, 1001 to 1003 of 7 and 8, 2002 to 2007 dated 04.03.2006 to 04.03.2008, 7001 to 7003 of 8, 2001 to 2008 and 0021 to 0028, EIOC, Anandkwar - 385 001, Bhavnagar, Gujarat.

ENVIRONMENTAL CLEARANCE FOR TSDF EXPANSION AND COMMON INCINERATION FACILITY

Government of India, Ministry of Environment & Forests, New Delhi, have accorded Environmental Clearance No. J04-09/2007-08 (dated 04.03.2008) to M/s Bharuch Enviro Infrastructure Ltd, Anandkwar for expansion of TSDF Facility. Environmental Clearance can be seen at EIOC and on the web site of MoEF (www.moeff.in).

TIMES CLASSIFIEDS

ABS Property Brokers

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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:

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

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 waste water 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 the waste dust with the wind	Spray water during summer season Cover the waste layer with fresh soil and compact it.	Complied. Water is being sprayed for dust suppression. And daily coverage of waste with clay layer is being done.

	Disposal of waste at the wrong place in the premises leachate handling	Provide indicators and sign boards for systematic operation. Properly designed leachate collection wells Daily monitoring of levels in the wells Transfer of leachate from the wells to storage for treatment	Complied. Necessary sign board are provided. Adequate numbers of leachet 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 emissions)	Ambient Air Monitoring for various parameters at the site and surroundings Water Dumpers, sprinklers are deployed for water spraying. Tree plantation around the facility area and along the roads. Respirable dust samples are collected and analyzed periodically to ensure that the dust concentration limit is contained within the allowable limits.	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 that the dust concentration limit is contained within the allowable limits.
Soil Quality	Soil Pollution	Soil Sampling from various locations and	Complied.

	<p>(Project site will undergo a major transformation during landfilling. The waste is to be compacted in layers with proper sloping. Contamination of soil is possible if the lining system is improper. Also littering of the waste while transportation to the disposal facility, blowing of waste particles due to wind shall lead to soil contamination. Spillage of leachate during pumping also will lead to soil pollution localized)</p>	<p>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</p>	<p>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.</p>
Noise	<p>Noise pollution (Noise levels during construction phase will be high during operational phase due to instrumental work, increased truck movement earth movers etc.</p>	<p>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.</p>	<p>Complied. Noise level monitoring is done 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. .</p>

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 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.
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 fire fighting system and fire extinguishers are already installed as per fire safety norms Regular fire safety training will be conducted. Road/Fire	Complied. 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 fire fighting system and fire extinguishers are already installed as per fire safety norms Regular fire safety training will be conducted.

Health and Safety	Injury	<p>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</p>	<p>Complied. 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</p>
Impact on Agriculture and Livestock	No Impact	<p>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.</p>	<p>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.</p>
Storm Water	-	<p>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</p>	<p>Complied.</p>

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



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

o/c

Ref: BEIL/ANK/2021-22/15

Date: 29.06.2021
PCB ID # 14983

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

Dear Sir,

Sub: - Environmental Statement for the year 2020-2021

We are forwarding herewith Environmental Statement for our TSDF Facility (Common Secured Landfill Facility, Common Incinerator Facility & Multi Effect Evaporator Facility) situated at BEIL INFRASTRUCTURE LIMITED, Plot No. 9701-9716, G.I.D.C. Estate, Ankleshwar - 393 002, Dist. Bharuch, for the year 2020-2021.

We got CCA renewal vide order no. AWH-89137 on date 02.11.2017 and is valid up to 31.07.2022.

We hope that the above is in order.

Thanking you.

Yours faithfully,
For, **BEIL Infrastructure Limited**


Authorized signatory

Encl : a/a
CC : The Regional Officer
Gujarat Pollution Control Board
Ankleshwar





BEIL-PH-III/MoEF/03

Date: 19.12.2014

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

Recd. on 19.12.14
 Received by Mr. [Signature]
 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	Compliance status as per MOEF Letter No. 5-28/2008(ENV)/356, dated 19.11.2014	BEIL Comments / Explanation
A. Specific Condition		
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.: U45300GJ1887PLC032696

Works Office : Plot No. 9701-18 GIDC Estate, Post Box No. 92, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)

Phone: (02848) 253136, 225228 - Fax : (02848) 222649 - E-mail : panjwani@uniphos.com

Ragd. 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 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)

		<p>loss as per the acceptance criteria for landfill. (Copy of comprehensive analysis report is attached as Annexure :4 (a))</p> <p>(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))</p>
<p>11.</p> <p>Project proponent shall carry out periodical/groundwater/soil monitoring in and around the site to check the contamination including TCLP test for heavy metals</p>	<p>Partly Complied</p> <p>1) Water quality analytical reports of May 2012, November 2012 and May-2014 are showing higher concentration of Nickel and Chromium</p> <p>2) No consistency in submission of half yearly report along with compliance status</p>	<p>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</p> <p>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</p>
<p>13</p> <p>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</p>	<p>Partly Complied</p> <p>1) 12,285 saplings have been grown covering an area of 50,000 Sq. Meters. Includes part of greenbelt and plantation over capped cells.</p>	<p>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.</p>

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

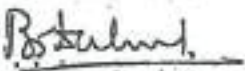
Copy of the Website page is attached as *Annexure: 9*

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)



श्री ३१११ ३१११ Bank of Baroda

BARODA ADVISORY

Date: 11/11/2011

M/s. Anand Kirvi Infrastructure Ltd
 Plot No. 177 G/DG
 Anandnagar, 193002

Dear Sir,

Re: Sanction of various credit facility

We refer to your request for review with increase sanction of various credit facility Rs. 31.31 Crore as per detail given in copy given hereunder and are pleased to inform that we 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 compliance of all the terms and conditions and securities in the enclosed ANNEXURE 3) dated 27/04/2011.

review with increase sanction the following (in Crores):

S. No.	Nature of facilities	Existing	Proposed
1	Working Capital	0.00	0.00
2	Term Loan / Capital Expenditure	3.50	3.17
3	Term Loan / Capital Expenditure	2.39	6.00
4	Demand Loan Against Security	2.00	14.14
	Total Fund Based	5.89	13.31
	Non Fund Based		
	Letter of Undertake (L/U) Facility	0.00	0.00
	Power Non Fund Based	0.00	0.00
	Total Term Loan	5.89	13.31

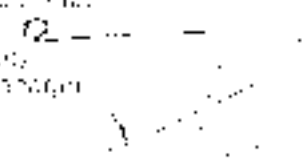
The above facilities are subject to the terms and conditions of the respective facilities and the right to cancel the facilities at any time at the discretion of the Bank without any liability of the facility.

The bank reserves the right to discontinue the facilities and to withdraw the facilities at any time if the borrower fails to comply with the terms and conditions of the facilities. The bank also reserves the right to discontinue the facilities at any time if the borrower fails to comply with the terms and conditions of the facilities. The bank also reserves the right to discontinue the facilities at any time if the borrower fails to comply with the terms and conditions of the facilities.

The above facilities are subject to the terms and conditions of the respective facilities and the right to cancel the facilities at any time at the discretion of the Bank without any liability of the facility.

Yours faithfully,

For Bank of Baroda,


 Mr. R. S. Nigam
 Chief Manager

- a) At each 30th of September, the borrower shall pay to the lender out of any and all of the bank's funds available for the purpose the sum of Rs. 1000/- (one thousand rupees) & subject to the above.
- b) The borrower is to ensure that the entire amount payable here as scheduled. In case of total default, the lender's matter is to be referred to the appropriate authority for the required measures.

a) Nature of Facility : Demand Loan (Against Government Subsidy)

	Existing	Proposed
Amount	Rs. 20000000	Rs. 14000000
Purpose	To fill the Gap of Subsidy (equity) to be provided by Govt. for the Construction and Purchase of New & extension of Power Capital expenditure.	
Interest Rate	14%	14%
Period	24 Months	24 Months
Security	Movable and Immovable assets, deposits, etc. as per the schedule of assets attached herewith.	

Nature of Facility	Performance Index - 100% (Final Certificate)
Amount	Rs. 14000000
Period	24 Months
Security	Performance Guarantee, Advance payment from Govt. of 50% of capital works, etc. as per the schedule of assets attached herewith.
Other Conditions	1. The borrower shall ensure that the entire amount payable here as scheduled. In case of total default, the lender's matter is to be referred to the appropriate authority for the required measures.

Handwritten signature and date at the bottom left of the page.

8. The Borrower is to pay up front fee, processing charges, stamp charges, the inspection charges, non-mortgage charges, stamp charges, inspection charges as applicable at the sanctioned rate as stated in the Bank form time to time.
9. The proper books of accounts, stock register and records of machinery to be maintained as per the Bank's requirements and to be made available to the Bank's representative during inspection.
10. The secured charges to the Bank are to be inspected on a monthly / quarterly / half yearly intervals, as per Bank's guidelines. Inspection charges for the 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 the inspection or valuation of assets of the Company, which are charged to the Bank from time to time by Bank's office / technical experts / external agencies / firms / management consultants / or valuers. The repetition of such charges so incurred will be borne by the Company.
12. Bank's name are to be displayed prominently at the place of office, office on hypocausted machinery and also at the place of stockpile by other related goods.
13. All money advanced to be advanced by the Bank will be subject to the Bank's approved set form application. The borrower shall not be allowed to cash the advance bill, bill or a receipt to be drawn by the borrower and the Bank authorities or has reasons to believe that the bill is not genuine. In any other particular, the bank shall have the right to withhold the disbursement of the loan advance for such a period as may be necessary and reasonable.
14. The Company shall maintain a separate ledger for the following:
 - (a) Public liability insurance, fire, theft, burglary, etc.
 - (b) Motor vehicle insurance, fire, theft, burglary, etc.
 - (c) Fire, theft, burglary, etc.
 - (d) Marine insurance, fire, theft, burglary, etc.
 - (e) Life insurance, fire, theft, burglary, etc.
 - (f) Health insurance, fire, theft, burglary, etc.
 - (g) Other insurance, fire, theft, burglary, etc.
 The insurance policy shall be provided to the Bank.
15. Valuation Reports in respect of the secured assets to be submitted and charged to the bank and to be made available to the approved Architect/Engineer/Valuer once in every 12 months. In some cases, the bank may require a valuation report to be submitted at a shorter interval of 6 months and all the insurance fees shall be paid by the Borrower.
16. The Company shall maintain a separate ledger for the following:
 - (a) Public liability insurance, fire, theft, burglary, etc.
 - (b) Motor vehicle insurance, fire, theft, burglary, etc.
 - (c) Fire, theft, burglary, etc.
 - (d) Marine insurance, fire, theft, burglary, etc.
 - (e) Life insurance, fire, theft, burglary, etc.
 - (f) Health insurance, fire, theft, burglary, etc.
 - (g) Other insurance, fire, theft, burglary, etc.
17. The facilities to be provided in a period of 12 months shall be subject to satisfactory conditions and performance of the borrower. The borrower shall be liable to provide and maintain the facilities to be provided and shall be required to submit the reports of the facilities to the bank. The borrower shall be liable to provide and maintain the facilities to be provided and shall be required to submit the reports of the facilities to the bank.
18. The company shall provide a good management of the company and shall be responsible for the safety of the goods of the bank.



29. Can you be sure that the value of $\frac{dy}{dx}$ at any point (x, y) on the curve is the same as the slope of the tangent line to the curve at that point? Why or why not? (The demand curve on the graph is a straight line.)

30. Use the data in the table to find $\frac{dy}{dx}$ from the data of velocity.





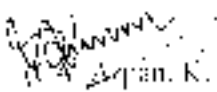
CERTIFICATE

We have verified the relevant records and project report as shown to us by Bhavnagar Environ Infrastructure Ltd. having registered office at Plot No. 9701, GIDC, Ankleshwar, Dist. Bhavnagar, 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)	110.00
2.	Subsidy (State and Central Government)	10.00
3.	Bank Loan	10.00
	Total	130.00

This certificate is issued at the request of the concerned S.O. in the context of the Environment and Forests (MOEF), Regional Office, Bhavnagar.

For, Surti & Talati
 Chartered Accountants
 FRN - 141997-W


 Arjun K. Surti
 Partner
 Membership No. 127136
 Ankleshwar, dated 18th December 2014

ABOUT

About tatva

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



During our journey to help to meet India's ever increasing waste management needs, Tatva range of services includes collection, disposal, recycling & reuse of water and organic waste, hazardous waste disposal, effluent water treatment, sludge management, and other high-tech waste management solutions.



Tatva's range of services are provided to a wide range of customers, commercial and municipal. The services include waste management, as well as other waste management services, such as hazardous waste management, effluent water treatment, and sludge management.



Our services are provided to a wide range of customers, commercial and municipal. The services include waste management, as well as other waste management services, such as hazardous waste management, effluent water treatment, and sludge management.

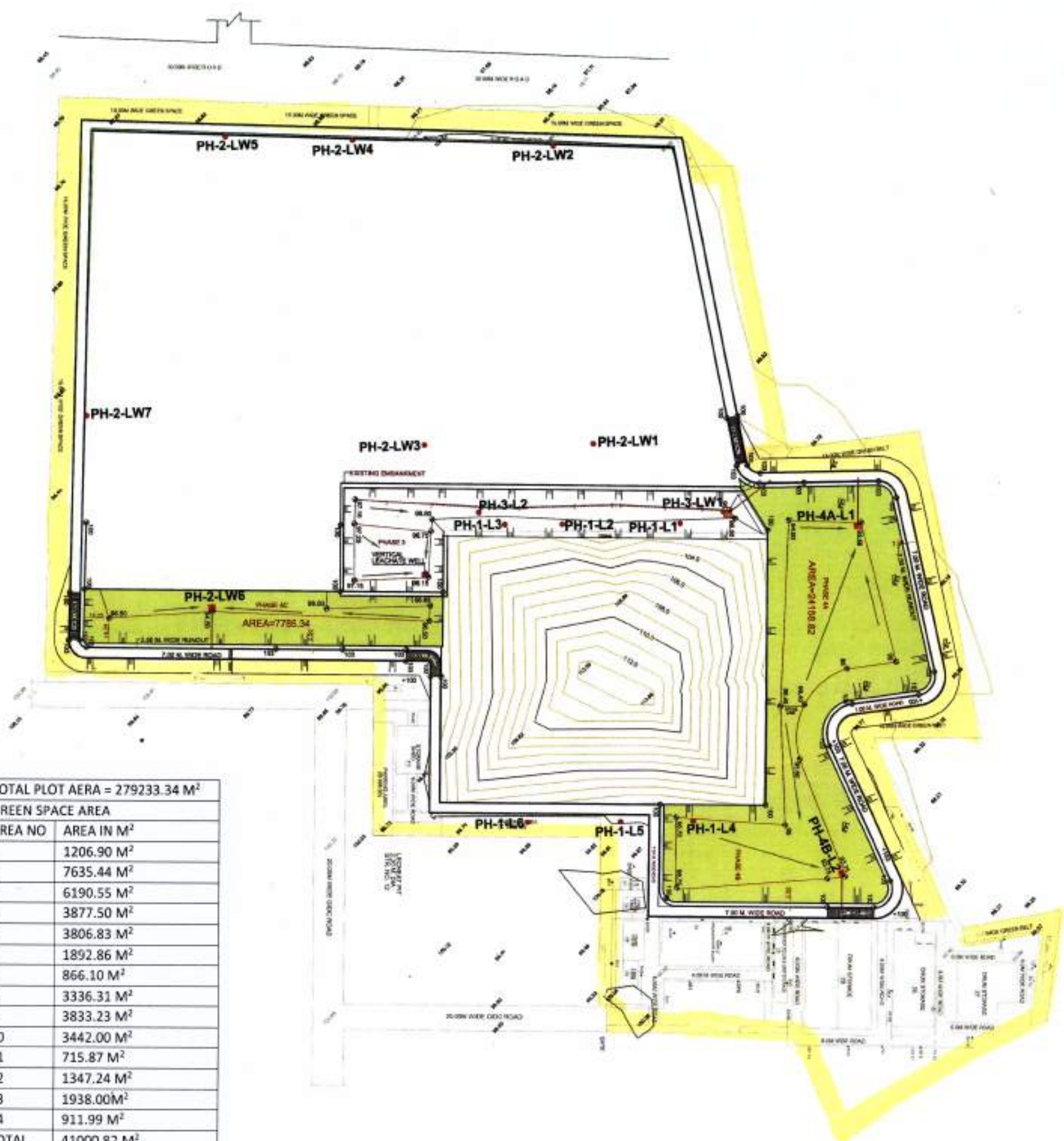
Environmental Compliance

Compliance is a critical part of our environmental stewardship strategy. We are ISO 14001 certified and adhere to all applicable environmental regulations. We are committed to continuous improvement and environmental excellence.

Environmental Compliance



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LEGEND

97.11	EXISTING GROUND LEVELS
98.0	EXISTING GROUND CONTOURS
110.0	PROPOSED FINAL CONTOURS - PHASE 2

BASE AREA OF PHASE-4
 PHASE-4 A/B = 24,158.82 m²
 PHASE-4 C = 7,785.34 m²
31,944.16 m²

TOTAL PLOT AREA = 279233.34 M ²	
GREEN SPACE AREA	
AREA NO	AREA IN M ²
1	1206.90 M ²
2	7635.44 M ²
3	6190.55 M ²
4	3877.50 M ²
5	3806.83 M ²
6	1892.86 M ²
7	866.10 M ²
8	3336.31 M ²
9	3833.23 M ²
10	3442.00 M ²
11	715.87 M ²
12	1347.24 M ²
13	1938.00 M ²
14	911.99 M ²
TOTAL	41000.82 M ²

PROJECT
ANKLESHWAR HAZARDOUS WASTE FACILITY - PHASE 4 CONSTRUCTION



BHARUCH ENVIRO INFRASTRUCTURE LTD

CONSULTANT:
BEIL RESEARCH & CONSULTANCY PVT. LTD.
 9701-16, GIDC, ANKLESHWAR 393 002,
 DIS. BHARUCH (GUJARAT), INDIA
 TEL: (02646) - 253135, 225228, FAX: (02646) 222849

SPECIALIST CONSULTANT
NICK CAWTHORNE & ASSOCIATES

APPROVED BY
INDIAN INSTITUTE OF TECHNOLOGY, NEW DELHI
 Dr. Manoj Datta
 Professor

NAME OF DRAWING
 Civil Engineering Department
 Indian Institute of Technology Delhi
 New Delhi - 110016
PROPOSED BASE AREA OF PHASE-4

DRAWING NO.	009	REV	0
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SCALE	1:2700 @ A3	DATE	28.03.2019
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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,

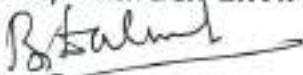
With Reference to the aforesaid Environmental Clearance F. No. 10-10/2014-IA-III dated 1st August, 2017, which we have received on 08-August-2017 for enhancement of capacity change in configuration of the incinerator installed at Common Hazardous Waste Treatment, Storage and Disposal Facilities (TSDF) at BEIL, Ankleshwar 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 Secretary
Gujarat Pollution Control Board
Paryavaran Bhavan, Sector-10/A, Gandhinagar-382010
(2) Regional Officer
Gujarat Pollution Control Board
Ankleshwar

Received
Gujarat Pollution Control Board
RQ Ankleshwar
15/8/17

CIN No.: U45300GJ1997PLC032696

Works Office : Plot No. 9701-16 GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)
Phones (02648) 253135, 225228 • Fax : (02646) 222849 • E-mail : panjwani@uniphos.com
Regd. Office : Plot No. 117-118, GIDC Estate, Ankleshwar 393 002, Dist.: Bharuch. (Gujarat)

Newspaper

RD4013339 IN IVR:827164013835
RL ANKLESHWAR IE SO <393002>
Counter No:1.23/11/2020, 13:30
To: THE ADDL PRIN, BHOPAL
PIN: 462016, R.S. Nagar S.O
From: BEIL INFRASTRUCTURE, GIDC
R/S/Ank
Rs 15.00 (Cash)
<Track on www.indiapost.gov.in>
<Dial 1800266682> (Wear Masks, Stay Safe)



BEIL INFRASTRUCTURE LIMITED

(Formerly Known As Bharuch Enviro Infrastructure Limited)

Date: 19.11.20

PCB ID: 14983

To,
The Additional Principal Chief Conservator of Forests (Central)
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 expansion of secured landfill (Phase IV) of Landfill Facility at (TSDF) at M/s. BEIL Infrastructure Limited, Ankleshwar unit.

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

Respected Sir,

With Reference to the aforesaid Environmental Clearance F. No. 10-25/2019-IA-III dated 15th October 2020, which we have received on 16th October 2020 expansion of secured landfill (Phase IV) of Landfill Facility at (TSDF), Ankleshwar unit.

As mentioned in the EC condition No. IX (i) that 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 it in English newspaper (Times of India) on 21st October, 2020 and in a vernacular language, Gujarati newspaper (Divya Bhaskar) on 20th October, 2020.

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

Thanking you,

Yours Faithfully,
For, BEIL Infrastructure Ltd.

B. D. Dalwadi

B. D. Dalwadi
Chief Executive Officer

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

20/11/2020
Gujarat Pollution Control Board
Head Office
Sector No. 10-A,
Gandhinagar-382010

RECEIVED
Gujarat Pollution Control Board,
R.O. Ankleshwar
19-11-2020

CIN No.: U45300GJ1997PLC032696

Regd. Office : Plot No. 9701-16 GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)
Phones (02646) 263135, 225228 • Fax : (02646) 222849 • E-mail : dalwadibd@beil.co.in

Level crossing at Km. 08 of Level Crossing at
Sardar Sarbajit Road K.M. 08 to 7/6 from the
of the Act.

SCHEDULE	
LOCALITY	Village: Era
Secured Land	Purpose
10-35	Construction of Railway Over Bridge in lieu of Level Crossing of LC. No. 124 C at Railway Km 2544 - 6 of Era taluka Sardar Sarbajit Road K.M. 08 to 7/6 for purpose of Private land acquisition

Sd/-
(H. J. Rathod)
Under Secretary to Government, Revenue Department

PUBLIC NOTICE ENVIRONMENTAL CLEARANCE

Whereby informed that the Ministry of Environment Forest and Climate Change (IA, III Section), Indra Paryavaran Bhawan, Jorh Road, New Delhi-3, has accorded Environmental Clearance Proposed Expansion of secured landfill (Phase IV) Of graded Common Hazardous Waste Treatment, Storage and disposal facility of M/s. Bharuch Enviro Infrastructure Ltd. At No. 9701-16, 9601-9604, 9801-9828, 9901-9906, 10001-03, G-7&8, 7824-7927, 9401-9412, 8501-9506, 7905 E to adjoining, GIDC Ankleshwar-393002 (Gujarat) vide letter No. J-10-25/2019-IA-III dated 15/10/20 under the provision of Notification dated 14th September 2006, which we have typed on 16/10/20 through website.

Copies of Clearance letter are available on Our Website.
17/10/2020 B D Dahwad
(CHIEF EXECUTIVE OFFICER)

PUBLIC NOTICE

Signed VINODCHANDRA TRIKAMLAL PATEL Residence : 27, Bungalow, Opp. Surdhara Society, Dolphin Circle, At : Naroda, Vad. I give public notice that there is a Shed No. 218 in Makarpura, Vadodara and in that shed there is a Vipor Chemicals Pvt. Ltd. Aforesaid shed No. 218 and Vipor Chemicals Pvt. Ltd. and other family members has filed Civil suit Number : 100 in the Court of Principal Civil judge Vadodara. So that do not execute any agreement or Transitions or any transfer or any other act or any other evidence for that Vipor Chemicals Pvt. Ltd. shed No. 218 of G.I.D.C. in Makarpura Vadodara such all acts should be void by this public notice.

DL 07/10/2020

HABIBKHAN R. PATHAN (ADVOCATE)

A-3, Jumma Masjid Building, Opp. Old Court Compound, Kapadwanj, 387620, Dist. Kheda. Mo. 9898704043

PUBLIC NOTICE

Whereas the owner and in possession of the schedule property and I have decided to make public notice for which I want to carry out investigation of the title deed of the said property are being taken of Advocate Shri Jaijiv Verma to investigate the title of the property. By this public notice I call upon that all persons having and claiming any estate, right, title or demand whatsoever in or in respect of the said property, whether by way of sale, lease, sub lease, charge, lien, tenancy, sub-tenancy, license, gift, inheritance, or encumbrance or otherwise howsoever, to make the same known in writing along with documentary evidence in original in that regard to the undersigned whose address is provided within 15 (Fifteen) days from the date of publication of this notice failing which, any such right shall be disregarded and shall be deemed to have been waived and/or abandoned and Title Certificate shall duly be issued by the undersigned. Thereafter the owner first mentioned shall carry out the sale procedure of the schedule property.

Schedule of the Property

1. All parcel of the Immovable Residential Property being Plot No 71 in Shri Kanj Co. Op. Society Ltd lying on G.S. No. 447 of Mejo Vadodara Kaaba in Registration District of District Vadodara.

Plot No.	Assessing Sq/Metres	Name of The Owner
71	864 sq per record of the Society/ 864.5 sq per previous Sale Deed No 8821 Dt. 10.12.2012	Shaban Badal Kumar

307, A Square, 82, Umi Society,
Productivity Road, Vadodara. -380011
M: 9825321122

J Verma

Taluka : Gondal, Dist. : Rajkot has been accorded environmental clearance for our proposed project from MoEF & CC vide letter no. F. No. : J-11011/27/2019-IA-II(I) Date of issue : 15/10/2020 from New Delhi and the copy of the clearance letter available with the GPCB and may also be seen at the website of MoEF & CC.

PUBLIC NOTICE

Project addition of 20 MW Turbine and Stand by Flare System within existing Carbon Black manufacturing facility of M/s Balkrishna Industries Limited, Bhuj (Kutch) has been accorded with Environmental Clearance vide File No. J-11011/162/2017-IA II (I) dated 15-10-2020 from Ministry of Environment, Forests and Climate Change, Government of India. The copies of the clearance letter are available with Gujarat Pollution Control Board and my also be seen at website of the Ministry of Environment, Forest and Climate Change and at <https://parivesh.nic.in>

For M/s Balkrishna Industries Limited

PUBLIC NOTICE

Environment clearance for the setting up of technical grade pesticides manufacturing unit at Plot No. 1249/1250, GIDC Sarigam, Vapi, Taluka Umbergaon, District. Valsad, Gujarat by M/s. Sandhya Organic Chemical Pvt. Ltd. (Unit-2).

This is to inform public that Ministry of Environment and Forest & Climate Change (IA Division), Government of India has accorded Environmental Clearance for setting up of technical grade pesticides manufacturing unit at Plot No. 1249/1250, GIDC Sarigam, Vapi, Taluka Umbergaon, District Valsad, Gujarat by M/s. Sandhya Organic Chemical Pvt. Ltd. (Unit-2). This Environment Clearance has given wide letter F.No. IA-J-11011/342/2019-IA-II(I) dated 15th October 2020 under EIA notification dated 14th September 2006. The photocopy of the stated Environment Clearance is available with Gujarat Pollution Control Board, Gandhinagar and same can also be seen at the Ministry of Environment and Forest & Climate Change at <http://envfor.nic.in>

Sd/- For

Sandhya Organic Chemical Pvt. Ltd. (Unit-2), Sarigam



LIFE INSURANCE CORPORATION OF INDIA

Vadodara Divisional Office, Estate Department, 2nd Floor, "Jeevan Prakash", Nr. Santa Police Chowky, Subhanpur, Vadodara - 390023.
Tel: 0265-2306761, e-mail : estate.vadodara@licindia.com

Tender Notice




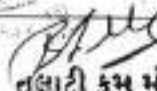
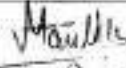
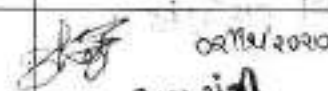

LIC of India, Vadodara Divisional Office, Vadodara invites sealed tenders in two Bid System from established Agencies/firms/organisations for rate contract for Security Guards services at various Offices/Premises under Vadodara Divisional Office. For complete details and tender documents please contact the Estate Department, 2nd floor at the above address from 21/10/2020 to 10/11/2020 between 10.45 am to 3.30 pm on week days excluding 2nd & 4th Saturday, Sunday and holidays or log on to www.licindia.in and click on "Tenders" and then click on the link "Tender for Security Guards Services at various Offices/Premises under Vadodara Divisional Office." Pre-Bid meeting will be held on 26/10/2020 at 15.30 hrs. at above address. Any further information such as correction/addition/deletion in terms and conditions regarding this tender will be published at our website only. These amendments shall be binding to all the vendors/ Bidders. LIC of India reserves the right to accept or reject any or all offers in full / part without assigning any reasons whatsoever.






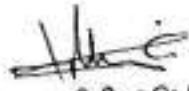
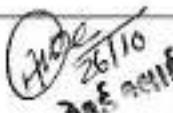
Last date for submitting bid documents is 16.00 hours on 10/11/2020.
Dt: 21-10-2020, Place : Vadodara Sr. Divisional Manager

CIN No.: U45300GJ1997PLC032696

Regd. Office : Plot No. 9701-16 GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Guj)
Phones (02846) 263138, 226228 • Fax : (02846) 222849 • E-mail : deln@bharuchbulletin.in

Environment Clearance of Proposed Expansion of Landfill (Phase IV) – BEIL Ankleshwar

Sr. No.	Address	Sign
1	Taluka Panchayat Office Ankleshwar	 28/2/20
2	Jilla Panchayat Office, Bharuch	 26/11/2020
3	Taluka Panchayat Office, Jhagadia	પ્રમુખ 3/11/2020 સ્વામીની કારકુન તાલુકા પંચાયત કચેરી, જગડીયા
4	The Sarpanch Gram Panchayat - Gadkhol	 કચેરી, ગામડાં કચેરી, ગામડાં VEC 24/11/2020 શ્રી. જી. જી. જી.
5	The Sarpanch Gram Panchayat - Dadhal	 તલાટી કમ મંત્રી ગામ પંચાયત દાદાલ તાલુકા અંકલેશ્વર
6	The Sarpanch Gram Panchayat – Piraman, Piraman, Ankleshwar	 તલાટી કમ મંત્રી પીરામણ ગામ પંચાયત
7	The Sarpanch Gram Panchayat – Kosamdi	 02/11/2020 તલાટી કમ મંત્રી કોસમડી, તા. અંકલેશ્વર.
8	The Sarpanch Gram Panchayat – Kapodara	 21/11/20

9	The Sarpanch Gram Panchayat – Bhadkodara	 તલાવટી કમ મંત્રી બામ પંચાયત, બહાડકોદરા તા. મહેસાણા, જિ. ભરૂચ ૩૧/૧૧/૨૦૨૪
10	The Sarpanch Gram Panchayat – Andada	 તલાવટી કમ મંત્રી આંદાડા પંચાયત તા. મહેસાણા, જિ. ભરૂચ
11	The Sarpanch Gram Panchayat – Jitall	 તલાવટી કમ મંત્રી ૩૧/૧૧/૨૦૨૪ ગામ પંચાયત જિતલ તા. મહેસાણા, જિ. ભરૂચ
12	The Sarpanch Gram Panchayat – Sarangpur	 તલાવટી કમ મંત્રી સારંગપુર ગામ પંચાયત
13	Mr. Yogesh P. Pandya Safety Health and Environment Association	 ૨૨૨૨૨૨
14	Mr. Jayesh Patel Centre For Environment science and community,	
15	Manish Rana, Paryavaran Mitra	 ૯૯૦૯૫૦૨૫૪૧
16	Ankleshwar Nagar Palika	 ૨૬/૧૦ ૨૦૨૪ અંકલેશ્વર નગર પાલિકા સંલગ્ન

17	Notified Area Office, Ankleshwar	<p>NOTIFIED AREA RECEIVED</p> <p>DI. 29/11/2020</p>
18	Notified Area Office, Panoli	<p>RECEIVED</p> <p>29/11/2020</p> <p>Office</p>
19	Notified Area Office, Jhagadia	<p>NOTIFIED AREA RECEIVED</p> <p>DI. 03/11/2020</p>
20	Collector District collector office, Bharuch	<p>26/10/2020</p> <p>FDDI ANKLESHWAR</p>
21	The principle, Footwear Design & Development Institute	<p>IN WARD</p> <p>29/10/2020</p> <p>DATE: 29/10/2020</p>
22	The principle, P.S School, Jitali	<p>SIGNATURE: GK Thakur</p> <p>23.11.20</p>
23	The Principal Shree Gattu Vidyalaya, Ankleshwar	<p>PRINCIPAL</p> <p>SHREE GATTU VIDYALAYA</p> <p>G.I.D.C. ANKLESHWAR</p>
24	The Principle, Smt Puspavati Devidas Shroff Sanskardeep Vidhyalaya Ankleshwar	<p>PRINCIPAL</p> <p>SMT. PUSPAVATI DEVIDAS SHROFF</p> <p>SANSKARDEEP VIDYALAYA</p> <p>G.I.D.C. ANKLESHWAR</p>

25	The Principle, Pioneer School, jitali	
26	The Principal Lions International Academy, Ankleshwar	21/10/2020
27	The Principal Lion School Ankleshwar	P. K. Meena 8980AT1296
28	The Principle Chanderbala Modi Academy, Ankleshwar	for R. Meena Handwritten Note Kondh, Vaha Road Ankleshwar - 393 002
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.M.C. BEIL INFRASTRUCTURE LTD. Site : Plot No.9701-9716, G.I.D.C. Estate, Ankleshwar -393 002, Dist. Bharuch.
32	Administration Office, ESIC Hospital	Ami 29/10/2020

33	Smt. Jayaben Modi Hospital	Dr. DARSHANA P. JOSHI MBBS, CIH, G-20216 INDUSTRIAL PHYSICIAN Smt. Jayaben Mody Hospital GIDC, Ankleshwar.
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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, Swami Narayan College, Building, Shah Alam Tolnaka, Ahmadabad, Gujarat - 380022		

1. NOC No.:	CGWA/NOC/IND/ORIG/2021/10974											
2. Application No.:	21-4/5672/GJ/IND/2020	3. Category: (GWRE 2017)	Safe									
4. Project Status:	Existing Project	5. NOC Type:	New									
6. Valid from:	10/02/2021	7. Valid up to:	09/02/2024									
8. Ground Water Abstraction Permitted:												
	Fresh Water		Saline Water	Dewatering		Total						
	m ³ /day	m ³ /year	m ³ /day	m ³ /year	m ³ /day	m ³ /year	m ³ /day	m ³ /year				
	527.00	192355.00										
9. Details of ground water abstraction /Dewatering structures												
	Total Existing No.:1						Total Proposed No.:0					
	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												
10. Ground Water Abstraction/Restoration Charges paid (Rs.):							1154130.00					
11. 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	2						0	1	1			

(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

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 m³/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.

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