

Compliance Status of Environmental clearance for expansion and common incineration facilities at Ankleshwar by M/s Bharuch Enviro 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 Bharuch Enviro 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.

Sr. No.	Observation/Conditions as per Environmental Clearance No. 10-48/2007-IA-III dated 4 th 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.
Sr. No.	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 dump till March 2020 is 916765.481 MT.
2	Incinerator	Capacity: 6.5 million K. Cal/hour (24 – 60 MT per day)	Additional Incinerator capacity: 25 Million K.	Complied As per our CCA No- AWH 89137, Date 02.11.2017 we are operating

			Cal/hour with heat recovery system (i.e.6-10 MT/hr.)	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 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 6682.450 MT during the Oct'19 to March'20; Discarded packing materials 168.610 MT during the Oct'19 to March'20; the salt from Multiple Effect Evaporation system 5166.470 MT during the Oct'19 to March'20. With regard to the capacity of the facility second phase of secured landfill facility is of 17.00 Lacs MT. The Company has set up second</p>

		incinerator of capacity 6.5 Million K Cal / Hr. with heat recovery system and MEE.
3	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 21 st & 22 nd June, 2007 and 23 rd , 24 th & 25 th January, 2008 and has recommended. Accordingly, the clearance is here by accorded under Environment Impact.	Noted

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 handling) rules 2016, compliance is as below.</p> <p>*The relevant compliance hazardous waste and other waste (management and handling) rules 2016 are 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>Existing site (jointly identified)</td> </tr> <tr> <td>2</td> <td>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> <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's. GPCB is informed time to time on status.</p> <p>Compliance of the central pollution control board guidelines is attached as Annexure 00.</p> </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.	Existing site (jointly identified)	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.</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's. GPCB is informed time to time on status.</p> <p>Compliance of the central pollution control board guidelines is attached as Annexure 00.</p>
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		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.

2	The project proponent shall ensure that the transportation of the hazardous wastes to the TSDF conforms to the norms laid down in the hazardous waste (Management and Handling) rules 2003.	Complied		
		Transportation of hazardous waste 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 handling) rules 2016, compliance is as below.		
		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. A 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. A intimation letter is giving to all the SPCBs involved.		

		<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>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>												
3	The TSDF shall only handle the waste generated from the member units.	<p>Complied</p> <p>We accept waste only of member units, who have valid CC&A obtained from GPCB. At present we are having 667 members for Landfill and 681 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</p> <p>We have installed Induced forced Multi Effect Evaporator to treat the effluent/leachate generated from the landfill. Part of Effluent / Leachate generated from the land fill is evaporated at the site and remaining is sent to M/s Enviro Technology Limited, Ankleshwar (CETP) for further treatment and disposal as per the consent given by GPCB. For the period Oct'19 to March'20: 13264 KL leachate treated in MEE plant & 860 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</p> <p>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 handling) rules 2016 are 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> <tr> <td>2</td> <td>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>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</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	2	The operator of common facility or occupier of a captive facility, shall design and set up the treatment, storage and disposal facility as per technical guidelines issued by the Central Pollution Control Board in this regard from time to time and shall obtain approval from the State Pollution Control Board for design and layout in this regard.	Complied. 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	
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		3	<p>The State Pollution Control Board shall monitor the setting up and operation of the common or captive treatment, storage and disposal facility, regularly.</p> <p>Complied. GPCB visits our facility every month.</p>
		4	<p>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.</p> <p>Complied. Landfill operation, closure and post closure is done according to the guideline of CPCB.</p>
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18. Transportation of hazardous and other wastes. -

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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.
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. A 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. A intimation letter is giving to all the SPCBs involved.	
		6	In case of transportation of hazardous and other waste, the responsibility of safe transport shall be either of the sender or the receiver whosoever arranges the transport and has the necessary authorization for transport from the concerned State Pollution Control Board. This responsibility should be clearly indicated in the manifest.	Noted and is been followed.	
		7	The authorization for transport shall be obtained either by the sender or the receiver on whose behalf the transport is being arranged.	Complied. We have 358 authorized vehicle which are equipped with GPS system and are being used for Transportation of Hazardous waste from member Industries to TSDF	

6	No ground water shall be tapped for project.	<p>Complied</p> <p>No ground water is being tapped for project. Water is being provided by GIDC for process purpose. However, Up- Stream and Down Stream Monitoring wells have been provided and their Monitoring is done once in each quarter by a third party.</p> <p>An average of both the quarters for all the ground water samples in and around the site are mentioned in the table below.</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>Results of third-party analysis of all the borewells for both the quarters are attached as Annexure – 1.</p> <p>Ground water Analysis Period (Oct’19 to March’20):</p> <table border="1"> <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>9.7</td> <td>12.0</td> <td>8.5</td> </tr> <tr> <td>2</td> <td>pH</td> <td>-</td> <td>No relaxation</td> <td>7.6</td> <td>7.3</td> <td>7.2</td> </tr> <tr> <td>3</td> <td>Electric Conductivity</td> <td>mmhos/cm</td> <td>-</td> <td>3129.9</td> <td>6228.9</td> <td>3439.5</td> </tr> <tr> <td>4</td> <td>Turbidity</td> <td>NTU</td> <td>5</td> <td>0.8</td> <td>1.2</td> <td>1.4</td> </tr> <tr> <td>5</td> <td>TSS</td> <td>mg/lit</td> <td>-</td> <td>6.3</td> <td>6.8</td> <td>7.5</td> </tr> <tr> <td>6</td> <td>TDS</td> <td>mg/lit</td> <td>2000</td> <td>2097.4</td> <td>4165.7</td> <td>2526.8</td> </tr> <tr> <td>7</td> <td>TOC</td> <td>mg/lit</td> <td>-</td> <td>10.2</td> <td>18.3</td> <td>12.7</td> </tr> <tr> <td>8</td> <td>COD</td> <td>mg/lit</td> <td>-</td> <td>25.2</td> <td>58.7</td> <td>34.8</td> </tr> </tbody> </table>	Sr.no	Parameters	Unit	Permissible limits	Average of outside the premises	Average of upstream borewell	Average of downstream borewell	1	Colour	Hazen	15	9.7	12.0	8.5	2	pH	-	No relaxation	7.6	7.3	7.2	3	Electric Conductivity	mmhos/cm	-	3129.9	6228.9	3439.5	4	Turbidity	NTU	5	0.8	1.2	1.4	5	TSS	mg/lit	-	6.3	6.8	7.5	6	TDS	mg/lit	2000	2097.4	4165.7	2526.8	7	TOC	mg/lit	-	10.2	18.3	12.7	8	COD	mg/lit	-	25.2	58.7	34.8
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		9	Chloride	mg/lit	1000	481.5	1483.2	832.4	
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7 The project proponent shall monitor the ambient air quality, groundwater and noise abutting the site as per norms laid down by CPCB.

Complied.
 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.
 Company is also carrying out externally quarterly monitoring of Ambient Air, ground water, noise level etc. as per norms laid down by CPCB.
 It may be noted that, as indicated in the results, parameters of up-streams wells are higher than the downstream wells.
 The monitoring results are attached for period Oct'19 to March'20 as **Annexure 1, Annexure 2, and Annexure 3.**

*Note: The frequency of third party monitoring (Air, Water and Noise) will be once in the month from next financial year that would be from April'20.

Ground water (Analysis Period Oct'19 to March'20):

Sr.no	Parameters	Unit	Permissible limits	Average of outside the premises	Average of upstream borewell	Average of downstream borewell
1	Colour	Hazen	15	9.7	12.0	8.5
2	pH	-	No relaxation	7.6	7.3	7.2
3	Electric Conductivity	mmhos/cm	-	3129.9	6228.9	3439.5
4	Turbidity	NTU	5	0.8	1.2	1.4
5	TSS	mg/lit	-	6.3	6.8	7.5
6	TDS	mg/lit	2000	2097.4	4165.7	2526.8
7	TOC	mg/lit	-	10.2	18.3	12.7
8	COD	mg/lit	-	25.2	58.7	34.8
9	Chloride	mg/lit	1000	481.5	1483.2	832.4

Ambient Air (Analysis Period Oct'19 to March'20):

Sr. no.	Parameters	Unit	GPCB/CPCB Permissible Limit	Results 1(29.2.20)	Results 2 (29.11.19)	Average Result	Min	Max
1	RSPM (Pm 10)	µg/m ³	100	96.34	80.63	88.485	80.63	96.34
2	PM _{2.5}	µg/m ³	60	56.26	42.53	49.395	42.53	56.26
3	Sulphur Dioxide	µg/m ³	80	17.57	23.13	20.35	17.57	23.13
4	Nitrogen Dioxide	µg/m ³	80	40.12	30.74	35.43	30.74	40.12
5	Ammonia (Nh ₃)	µg/m ³	400	29.79	32.34	31.065	29.79	32.34

6	Lead As Pb	µg/m ³	1	0.4	0.32	0.36	0.32	0.4
7	Nickel as Ni	ng/m ³	NS	11.28	6.21	8.745	6.21	11.28
8	Arsenic as As	ng/m ³	NS	2.45	ND	2.45	2.45	2.45

Noise level (Analysis Period Oct'19 to March'20):

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	58.00	70	53.67
2	Near Laboratory	Industrial	75	59.33	70	52.17
3	Near Admin. Office	Industrial	75	55.67	70	51.00
4	Truck washing Area	Industrial	75	66.17	70	58.33
5	Near Drum storage Area	Industrial	75	62.50	70	56.50
6	Near security point 4	Industrial	75	58.17	70	54.33
7	Near HB-2	Industrial	75	64.67	70	59.00
8	Near Leachate well-4	Industrial	75	65.83	70	61.83
9	Near Incineration Plant	Industrial	75	66.83	70	62.5
10	East side of incinerator plant	Industrial	75	65.00	70	59.16667

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 reflected at GPCB/CPCB and 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>
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9	<p>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>	<p>Complied.</p> <p>We are carrying out finger-print analysis of every truck load of waste received at site. We ensure that 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	<p>Project proponent shall have environmental management plan and onsite emergency management plan.</p>	<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, risk analysis and environmental impact assessment, 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.</p> <p>On-site Emergency Plan inward 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="336 1429 1407 1736"> <thead> <tr> <th data-bbox="336 1429 416 1503">Sr. No.</th> <th data-bbox="416 1429 807 1503">Condition</th> <th data-bbox="807 1429 1407 1503">Compliance Status</th> </tr> </thead> <tbody> <tr> <td data-bbox="336 1503 416 1621">1.</td> <td data-bbox="416 1503 807 1621">Temporary storage for hazardous waste</td> <td data-bbox="807 1503 1407 1621">Complied. Temporary storage of hazardous waste of capacity 30000 MT for monsoon period has been provided.</td> </tr> <tr> <td data-bbox="336 1621 416 1736">2.</td> <td data-bbox="416 1621 807 1736">Loading and unloading of waste</td> <td data-bbox="807 1621 1407 1736">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 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.
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 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 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.

BEIL has Implemented Prestigious Environmental Management system standard ISO 14001 & OHSAS 18001 Safety system. Certificates are attached as **Annexure 6**.

11 Project proponent shall carry out periodical groundwater/soil monitoring in and around the site to check the contamination including TCLP test for heavy metals.

Complied.
We carry out quarterly ground water and yearly soil monitoring externally in and around the site to check the contamination, the results of which are attached as **Annexure 1 and Annexure 7**.

Ground water Analysis Period (Oct'19 to March'20):

Sr.no	Parameters	Unit	Permissible limits	Average of outside the premises	Average of upstream borewell	Average of downstream borewell
1	Colour	Hazen	15	9.7	12.0	8.5
2	pH	-	No relaxation	7.6	7.3	7.2
3	Electric Conductivity	mmhos/cm	-	3129.9	6228.9	3439.5
4	Turbidity	NTU	5	0.8	1.2	1.4
5	TSS	mg/lit	-	6.3	6.8	7.5
6	TDS	mg/lit	2000	2097.4	4165.7	2526.8
7	TOC	mg/lit	-	10.2	18.3	12.7
8	COD	mg/lit	-	25.2	58.7	34.8
9	Chloride	mg/lit	1000	481.5	1483.2	832.4

		Soil Monitoring (2019):								
		pH(10%)	Conductivity (10%)	TDS	TOC	Lead	Copper	Mercury	Nickel	
		Near Shed No.2	8.61	1.8	13	0.36	13.29	65.73	0.334	95.12
		Near Drum cutting Area	8.85	0.41	2.8	0.38	19.01	95.16	0.411	87.35
		Near Shed No.10	9.12	0.32	2.2	0.2	1.82	102	0.394	96.95
		Near EB - 3	8.72	0.37	2.6	0.41	11.4	116	0.403	98.11
		Near HB -7	8.41	1.089	7.5	0.43	57.65	178	0.77	97.14
		Near Stabilization	8.37	0.391	3.33	0.56	12.43	98.1	0.624	115
		Near HB-1	8.11	0.857	5.8	0.53	5.6	52.4	0.543	84.14
		Near industrial Solvent Side	8.32	0.739	5.07	1.45	186	166	0.415	128
		Near deep enterprise	8.16	0.525	3.88	0.7	11.24	94.45	0.473	113
		Near inc plant	8.08	0.641	4.43	1.009	12.12	91.6	0.663	125
		Jitali road	8.29	0.75	5.16	0.88	5.5	108	0.367	96.83
		Avg	8.458182	0.717454545	5.07	0.628091	30.55091	106.1309	0.490636	103.3309
		MIN	8.08	0.32	2.2	0.2	1.82	52.4	0.334	84.14
12	Adequate dust and noise separation measures should be put in place during construction of the plant.	<p>Complied</p> <p>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.</p>								
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.	<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: 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.</p> <p>Layout of green belt within the premises is attached as Annexure – 16.</p>								
14	The groundwater, surface water and air quality	<p>Complied.</p> <p>Company is carrying out fortnightly ground water monitoring, quarterly surface water monitoring & weekly ambient air quality</p>								

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 both the quarters for 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 Oct'19 to March'20):

Sr. no.	Parameters	Unit	GPCB/CPCB Permissible Limit	Results 1(29.2.20)	Results 2 (29.11.19)	Average Result	Min	Max
1	RSPM (Pm 10)	µg/m ³	100	96.34	80.63	88.485	80.63	96.34
2	PM 2.5	µg/m ³	60	56.26	42.53	49.395	42.53	56.26
3	Sulphur Dioxide	µg/m ³	80	17.57	23.13	20.35	17.57	23.13
4	Nitrogen Dioxide	µg/m ³	80	40.12	30.74	35.43	30.74	40.12
5	Ammonia (Nh ₃)	µg/m ³	400	29.79	32.34	31.065	29.79	32.34
6	Lead As Pb	µg/m ³	1	0.4	0.32	0.36	0.32	0.4
7	Nickel as Ni	ng/m ³	NS	11.28	6.21	8.745	6.21	11.28
8	Arsenic as As	ng/m ³	NS	2.45	ND	2.45	2.45	2.45

Ground water Analysis (Period Oct'19 to March'20):						
Sr.no	Parameters	Unit	Permissible limits	Average of outside the premises	Average of upstream borewell	Average of downstream borewell
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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 Oct'19 to March'20: 13264 KL leachate treated in MEE plant & 860 KL leachate sent to ETL for further treatment & disposal as per our CC&A. 8036 KL Condensate of MEE is reused for dust suppression and incineration plant. 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	<p>A separate environment management cell with suitably qualified staff to carry out various environment related functions should be set up under the charge of a senior executive who will report directly to the chief executive of the organization.</p>	<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. Mr. Vijay Ghadge: Advisor (Ex – GPCB) 3. Ms. Rakshita Vyas – Manager- Env. (PGD-Environment) 4. Adwitiya Bhattacharya: Environment Engineer (BE Env) 5. Bhoomi Tambda: Environment Engineer (BE Environment) 6. Khyati Chandegra: Trainee Environment Engineer (BE Environment) 7. Mr. Satish Gaddam: Head, Environment Laboratory 												
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 1326.68. These funds are not diverted for any other activity. A year wise expenditure on environmental earmarked for protection are as below.</p> <table border="1" data-bbox="360 1173 1412 1500"> <thead> <tr> <th>Year</th> <th>Capital Expense (Lacs)</th> <th>Revenue Expense (Lacs)</th> </tr> </thead> <tbody> <tr> <td>2017-2018</td> <td>1218</td> <td>27.61</td> </tr> <tr> <td>2018-2019</td> <td>185</td> <td>43.44</td> </tr> <tr> <td>2019-2020</td> <td>626.50</td> <td>413.80</td> </tr> </tbody> </table>	Year	Capital Expense (Lacs)	Revenue Expense (Lacs)	2017-2018	1218	27.61	2018-2019	185	43.44	2019-2020	626.50	413.80
Year	Capital Expense (Lacs)	Revenue Expense (Lacs)												
2017-2018	1218	27.61												
2018-2019	185	43.44												
2019-2020	626.50	413.80												

B. 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 m ³ /Hr, 273 m ³ /Hr and 273 m ³ /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 and F.No. 10-10/2014-IA.III dated 16.04.2018.

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. We have also uploaded that on our company website www.tatvaglobal.com . 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 concerned authorities and the date of start of work.	Complied. The consent & Authorization for the project is accorded by GPCB vide letter no GPCB/CCA-BRCH-167(13)/ID-14983/134176 dtd. 04.01.2013

		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 Bharuch Enviro 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 Bharuch Enviro 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 31st 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 Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) in GIDC Industrial Estate, Ankleshwar of District Bharuch (Gujarat) by M/s Bharuch Enviro Infrastructure ltd. The Project is located at 21°36'55"-21°37'09" Latitude and 73°02'03"-73°02'59" longitude.	Noted
	(iv). The Total site area is 69 acres, pit area 2.98 acres and closure area is 14.755 acres.	Noted
	(v). Green Belt development (20% of construction	Complied.

	<p>projects and 33% for others). The main objective of the green belt is to provide a barrier between the plant surroundings areas. Total 2,79,233.34 sqm land area is available at site; out of this about 41,000 sqm (14.683%) area is covered as green belt and other forms of greenery.</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. 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 Jatropa 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>(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="730 943 1485 1491"> <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'19</td> <td>5454</td> <td>175.93</td> </tr> <tr> <td>Nov'19</td> <td>5355</td> <td>178.5</td> </tr> <tr> <td>Dec '19</td> <td>5648</td> <td>182.19</td> </tr> <tr> <td>Jan'20</td> <td>6182</td> <td>199.4</td> </tr> <tr> <td>Feb'20</td> <td>6270</td> <td>216.20</td> </tr> <tr> <td>March '20</td> <td>5172</td> <td>166.83</td> </tr> </tbody> </table>	Month	Total Water Consumption, (KL) as per GIDC bill	Per Day in KL	Oct'19	5454	175.93	Nov'19	5355	178.5	Dec '19	5648	182.19	Jan'20	6182	199.4	Feb'20	6270	216.20	March '20	5172	166.83
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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="738 1767 1477 2033"> <thead> <tr> <th>Month</th> <th>Per Day in KL</th> <th>Total in KL</th> </tr> </thead> <tbody> <tr> <td>Oct'19</td> <td>118.9</td> <td>3685</td> </tr> <tr> <td>Nov'19</td> <td>108.0</td> <td>3241</td> </tr> <tr> <td>Dec '19</td> <td>56.38</td> <td>1748</td> </tr> </tbody> </table>	Month	Per Day in KL	Total in KL	Oct'19	118.9	3685	Nov'19	108.0	3241	Dec '19	56.38	1748									
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Jan'20	60.32	1870												
Feb'20	63.72	1848												
March '20	66.19	2052												
Total	473.51	14444												
(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 power. In case of power failure D.G. Set can be used (2×600 kVA capacity each).	Complied. No additional power is required. In case of power failure D.G. Set is being used (2×600 kVA capacity each).													
(x).														
(xi). 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. Designed cell Nos are 4 for Phase III.													
(xii). 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.													
(xiii).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													

	(xiv). 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
	(xv). There are no Court cases/violations 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 Bharuch Enviro 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:	Noted
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. No ground water is being tapped for project. Water is being provided by GIDC for process purpose. 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 each quarter by a third party. An average of both the quarters for 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.

All the third-party reports of both the quarters are attached as **Annexure – 1**.

Ground water Analysis Period (Oct’19 to March’20):

Sr. no	Parameters	Unit	Permissible limits	Average of outside the premises	Average of upstream borewell	Average of downstream borewell
1	Colour	Hazen	15	9.7	12.0	8.5
2	pH	-	No relaxation	7.6	7.3	7.2
3	Electric Conductivity	mmhos/cm	-	3129.9	6228.9	3439.5
4	Turbidity	NTU	5	0.8	1.2	1.4
5	TSS	mg/lit	-	6.3	6.8	7.5
6	TDS	mg/lit	2000	2097.4	4165.7	2526.8
7	TOC	mg/lit	-	10.2	18.3	12.7
8	COD	mg/lit	-	25.2	58.7	34.8
9	Chloride	mg/lit	1000	481.5	1483.2	832.4

(iii) The proposed layout plan shall be realigned in such a way that the waste tipping area and processing area and other project components which produces maximum air and noise pollution is farthest from the habitation.

Noted and Complied.

The proposed layout plan is realigned in such a way that the waste tipping area and processing area and other project components which produces maximum air and noise pollution is farthest from the habitation.

Existing site located inside notified industrial estate. We are monitoring for Ambient Air & Noise level & All parameters are well within the limit. Analysis reports are attached as **Annexure 2 and Annexure 3**.

Ambient Air (Analysis Period Oct’19 to March’20):

Sr. no	Parameters	Unit	GPCB/CPCB Permissible	Result 1 (29.2 .20)	Result 2 (29.1 1.19)	Average Result	Min	Max

0			sible Limit					
1	RSP M (Pm 10)	µg /m ³	100	96.34	80.63	88.485	80.63	96.34
2	PM 2.5	µg /m ³	60	56.26	42.53	49.395	42.53	56.26
3	Sulphur Dioxide	µg /m ³	80	17.57	23.13	20.35	17.57	23.13
4	Nitrogen Dioxide	µg /m ³	80	40.12	30.74	35.43	30.74	40.12
5	Ammonia (Nh ₃)	µg /m ³	400	29.79	32.34	31.065	29.79	32.34
6	Lead As Pb	µg /m ³	1	0.4	0.32	0.36	0.32	0.4
7	Nickel as Ni	ng /m ³	NS	11.28	6.21	8.745	6.21	11.28
8	Arsenic as As	ng /m ³	NS	2.45	ND	2.45	2.45	2.45

Noise level (Analysis Period Oct'19 to March'20):

Sr . No.	Noise monitoring sampling location	Category	Results (Avg)			
			GPC B/C PCB Permissible Limit (Day) (in dB)	Day	GPCB/CPCB Permissible Limit (Night) (in dB)	Night
1	Near Main Gate	Industrial	75	58.00	70	53.67
2	Near Laboratory	Industrial	75	59.33	70	52.17

		3	Near Admin. Office	Industrial	75	55.67	70	51.00
		4	Truck washing Area	Industrial	75	66.17	70	58.33
		5	Near Drum storage Area	Industrial	75	62.50	70	56.50
		6	Near security point 4	Industrial	75	58.17	70	54.33
		7	Near HB-2	Industrial	75	64.67	70	59.00
		8	Near Leachate well-4	Industrial	75	65.83	70	61.83
		9	Near Incineration Plant	Industrial	75	66.83	70	62.5
		10	East side of incinerator plant	Industrial	75	65.00	70	59.16667
(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 dump till march 2020 is 916765.481 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 village roads, the roads shall be properly widened or proper road for transportation shall be provided. Details shall be incorporated in the EMP.	<p>Not Applicable</p> <p>Existing site, located inside notified industrial estate hence, waste is not being transported through village roads. Proper Road network is available to receive waste at site from members industries.</p>
(ix)	The gas generated from the landfill facility shall be collected and disposed as per rules	<p>Noted & complied.</p> <p>Gas generated of Existing site & under operation site is being monitored.</p> <p>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.</p> <p>Results are attached as Annexure 4.</p>
(x)	The proponent shall obtain necessary clearance from the Ground water Authority for the use of ground water.	<p>Not Applicable.</p> <p>Bore wells will be used only for monitoring purpose. The Water Requirement is fulfilled by the GIDC water Supply.</p>
(xi)	The depth of the Landfill site shall be decided based on the ground water table at the site.	<p>Noted and Complied.</p> <p>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.</p>

(xii)	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 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>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:</p> <table border="1" data-bbox="715 1003 1495 1984"> <thead> <tr> <th data-bbox="715 1003 794 1115">Sr. No.</th> <th data-bbox="794 1003 1066 1115">Condition</th> <th data-bbox="1066 1003 1495 1115">Compliance Status</th> </tr> </thead> <tbody> <tr> <td data-bbox="715 1115 794 1301">1.</td> <td data-bbox="794 1115 1066 1301">Temporary storage for hazardous waste</td> <td data-bbox="1066 1115 1495 1301">Complied. Temporary storage of hazardous waste of capacity 30,000 MT for monsoon period has been provided.</td> </tr> <tr> <td data-bbox="715 1301 794 1487">2.</td> <td data-bbox="794 1301 1066 1487">Loading and unloading of waste</td> <td data-bbox="1066 1301 1495 1487">Complied. Adequate facility and equipment for unloading of waste has been provided.</td> </tr> <tr> <td data-bbox="715 1487 794 1984">3.</td> <td data-bbox="794 1487 1066 1984">Transpiration of waste</td> <td data-bbox="1066 1487 1495 1984">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.</td> </tr> </tbody> </table>	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.
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		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.

(xiv)	Environmental Monitoring program shall be implemented as per EIA-EMP report and guidelines prescribed by CPCB for Hazardous waste facilities. Periodical ground water/soil monitoring to check the contamination in and around the site be carried out.	<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 the contamination in and around the site is being carried out for Phase III also. Results are attached as Annexure 1 and Annexure 7.</p> <p>Ground water Analysis Period (Oct'19 to March'20):</p> <table border="1"> <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 bore well</th> <th>Average of downstream borewell 1</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Colour</td> <td>Hazen</td> <td>15</td> <td>9.7</td> <td>12.0</td> <td>8.5</td> </tr> <tr> <td>2</td> <td>pH</td> <td>-</td> <td>No relaxation</td> <td>7.6</td> <td>7.3</td> <td>7.2</td> </tr> <tr> <td>3</td> <td>Electric Conductivity</td> <td>mmhos/cm</td> <td>-</td> <td>3129.9</td> <td>6228.9</td> <td>3439.5</td> </tr> <tr> <td>4</td> <td>Turbidity</td> <td>NTU</td> <td>5</td> <td>0.8</td> <td>1.2</td> <td>1.4</td> </tr> <tr> <td>5</td> <td>TSS</td> <td>mg/lit</td> <td>-</td> <td>6.3</td> <td>6.8</td> <td>7.5</td> </tr> <tr> <td>6</td> <td>TDS</td> <td>mg/lit</td> <td>2000</td> <td>2097.4</td> <td>4165.7</td> <td>2526.8</td> </tr> <tr> <td>7</td> <td>TOC</td> <td>mg/lit</td> <td>-</td> <td>10.2</td> <td>18.3</td> <td>12.7</td> </tr> <tr> <td>8</td> <td>COD</td> <td>mg/lit</td> <td>-</td> <td>25.2</td> <td>58.7</td> <td>34.8</td> </tr> <tr> <td>9</td> <td>Chloride</td> <td>mg/lit</td> <td>1000</td> <td>481.5</td> <td>1483.2</td> <td>832.4</td> </tr> </tbody> </table>					Sr. no	Parameters	Unit	Permissible limits	Average of outside the premises	Average of upstream bore well	Average of downstream borewell 1	1	Colour	Hazen	15	9.7	12.0	8.5	2	pH	-	No relaxation	7.6	7.3	7.2	3	Electric Conductivity	mmhos/cm	-	3129.9	6228.9	3439.5	4	Turbidity	NTU	5	0.8	1.2	1.4	5	TSS	mg/lit	-	6.3	6.8	7.5	6	TDS	mg/lit	2000	2097.4	4165.7	2526.8	7	TOC	mg/lit	-	10.2	18.3	12.7	8	COD	mg/lit	-	25.2	58.7	34.8	9	Chloride	mg/lit	1000	481.5	1483.2	832.4
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		Soil Monitoring (2019):						
	pH(10%)	Conductivity (10%)	TDS	TOC	Lead	Copper	Mercury	Nickel
Near Shed No.2	8.61	1.8	13	0.36	13.29	65.73	0.334	95.12
Near Drum cutting Area	8.85	0.41	2.8	0.38	19.01	95.16	0.411	87.35
Near Shed No.10	9.12	0.32	2.2	0.2	1.82	102	0.394	96.95
Near EB - 3	8.72	0.37	2.6	0.41	11.4	116	0.403	98.11
Near HB -7	8.41	1.089	7.5	0.43	57.65	178	0.77	97.14
Near Stabilization	8.37	0.391	3.33	0.56	12.43	98.1	0.624	115
Near HB-1	8.11	0.857	5.8	0.53	5.6	52.4	0.543	84.14
Near industrial Solvent Side	8.32	0.739	5.07	1.45	186	166	0.415	128
Near deep enterprise	8.16	0.525	3.88	0.7	11.24	94.45	0.473	113
Near inc plant	8.08	0.641	4.43	1.009	12.12	91.6	0.663	125
Jitali road	8.29	0.75	5.16	0.88	5.5	108	0.367	96.83
Avg	8.458182	0.717454545	5.07	0.628091	30.55091	106.1309	0.490636	103.3309
MIN	8.08	0.32	2.2	0.2	1.82	52.4	0.334	84.14
(xv)	The Leachate from the facility shall be collected and treated to meet the prescribed standards before disposal.	Complied. A well-designed leachate collection system is developed. 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 Oct'19 to March'20: 13264 KL leachate treated in MEE plant & 860 KL leachate sent to ETL for further treatment & disposal as per our CC&A. 8036 KL Condensate of MEE is reused for dust suppression and incineration plant. The leachate treatment data is submitted to GPCB along with monthly report and quarterly Protocol.									
(xvi)	Rain water runoff from the landfill area and other hazardous waste management area shall be collected and treated in the effluent treatment plant	Complied. Separate provision for storm water runoff has been provided surrounding the landfill and other areas, which leads to GIDC drainage. Storm water is discharged 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.									
(xvii)	The responses/ commitments made to the issues raised during public hearing shall be complied with in letter and spirit. A Hard copy of the actions taken shall be submitted to the Ministry.	Not Applicable 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.									
(xvii i)	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:									
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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.			<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. Mr. Vijay Ghadge: Advisor (Ex – GPCB) 3. Ms. Rakshita Vyas – Manager- Env. (PGD-Environment) 4. Adwitiya Bhattacharya: Environment Engineer (BE Env) 5. Bhoomi Tambedia: Environment Engineer (BE Environment)

		<p>6. Khyati Chandegra: Trainee Environment Engineer (BE Environment)</p> <p>7. Mr. Satish Gaddam: Head, Environment Laboratory</p>						
(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.	<p>Complied.</p> <p>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.</p>						
(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.	<p>Complied.</p> <p>Letter dated 09.01.2016 sent to the GPCB Regional Office, District Industries center and Collector's Office. The same has attached as Annexure 11.</p>						
(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.</p> <p>EMP Compliance is attached as Annexure 13.</p> <p>Summary of EMP Compliance is as below:</p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Condition</th> <th>Compliance Status</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Sr. No.	Condition	Compliance Status			
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(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	Complied. Letter dated 09.01.2016 sent to the GPCB Regional Office, District Industries center and Collector's Office. The same has attached as Annexure 11 .		

	Collector's 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 is maintained for environment protection and the cumulative amount is Rs. 1326.68 Lakhs till 2019-20. 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 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.	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 Act, 1980 and Wildlife (Protection) Act, 1972 etc. is not required as our existing site is already in notified GIDC area.

7.	The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental clearance and copies of clearance letters are available with the State Pollution Control Board and Man also be seen on the website of the Ministry of Environment, forest & Climate Change at http://www.envfor.nic.in . The advertisement should be made within seven days from the date of receipt of The Clearance Letter and a copy of the same Should be forwarded to the Regional Office of this Ministry at Bhopal.	Complied. Advertisement Published in Times of India (English Language) and Divya Bhaskar (Gujarati Language). The Same has been informed to MoEF Regional Office Bhopal, MoEF New Delhi, CPCB Regional Office Vadodara and, GPCP Gandhinagar and GPCB regional Office Ankleshwar vide Letter # BEIL/ANK/EC/PH3 Dated 04.01.2016. Advertisement copies are attached as Annexure 12 .
8.	This Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project.	Not Applicable as it is located inside notified industrial estate.
9.	Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green tribunal Act, 2010	Not applicable
10.	Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.	Complied. The EC Compliance has been uploaded on the Company Website. The link for the same is https://www.tatvaglobal.com/comp/BEIL%20Ankleshwar--EC%20Compliance%20Report%20(Apr'19-Sep'19).pdf
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. The link for the same is http://www.tatvaglobal.com/comp/Phase-3-EC.pdf .

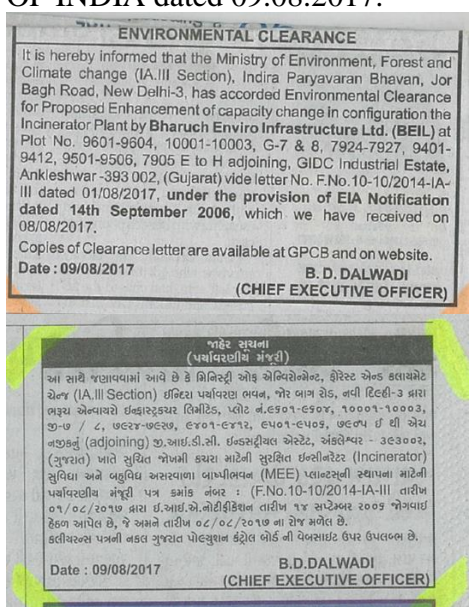
12.	The proponent shall upload the status of the compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Complied. The EC Compliance has been uploaded on the Company Website. The link for the same is https://www.tatvaglobal.com/comp/BEIL%20Ankleshwar--EC%20Compliance%20Report%20(Apr'19-Sep'19).pdf
13.	The Project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in Hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	Complied. 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 - Sep 2019 dated 14.11.2019 was submitted on 29.11.2019.
14.	The environmental statement for each financial year ending 31 st 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.	Complied. We are submitting Form –V (Environmental Statement) every financial year and it is displaying on website. Last Form – V (period 2018-19) submitted is attached as Annexure 14 . Form – V of period 2019-20 will be submitted to MOEF&CC, once we submit it to SPCB.
15.	This issues with the prior approval of the Competent Authority.	Noted.

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

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

- 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 Bharuch Enviro 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, Urban Local Body and the local NGO, if any, from whom	Complied. We had marked the copy of the clearance letter to all the concerned dated 12.08.2017 and recorded. Same has also uploaded on our

	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.	company website www.tatvaglobal.com . The same is attached as Annexure 17 .
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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 Bharuch Enviro 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 Bharuch Enviro Infrastructure Limited was considered by the Expert Appraisal Committee(infra-2) in its 24th meeting held on 30-31 October, 2017.

This EC # F. 10-10/2014-IA.III dated 16th April 2018, 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.