

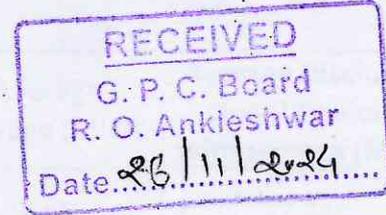


ENVIRO TECHNOLOGY LIMITED

Reference No.: ETL/ANK/NOV/2024/769

Date: 25th November, 2024

To,
Ministry of Environment, Forest & Climate Change,
Integrated Regional Office,
Room no. 407, Aranya Bhawan,
Near CH-3 Circle, Sector 10A,
Gandhinagar- 382010



Subject: Half yearly EC Compliance Status of Environmental clearance for expansion of M/s Enviro Technology Limited Common Effluent Treatment Plant for the period **April-2024 to September-2024**.

Ref.:

1. Environmental Clearance No. 10-2/2008-IA-III dated 23rd July 2009.
2. Environmental Clearance No. 10-2/2008-IA-III dated 3rd July 2017.
3. Environmental Clearance No. 10-82/2018-IA-III dated 16th December 2019

Respected Sir,

ETL is operating a CETP consisting of primary, secondary, and tertiary treatment located at plot No 2413/14 GIDC estate, Ankleshwar-393002, Dist. Bharuch, Gujarat.

We have two ECs referred under 1&3 and an EC validity extension referred under 2 We would like to draw your kind attention on the following:

1. EC referred under 1&2 i.e., EC dated 2009 & its validity extension dated 2017; we have not implemented any expansion as per this EC due to moratorium imposed on the critically polluted area which included Ankleshwar, and the validity of this EC is over on 22.07.2019. Non-implementation of this project is also mentioned in our EC dated 16.12.2019. Therefore, as the validity of this over, compliance report of this EC is not submitted.
2. EC dated 16.12.2019, referred under 3 for expansion (from 1.8 MLD to 3.5 MLD effluent) with modification is also not yet implemented. We have obtained a CTE from GPCB on 22.04.20 but due to Pandemic Covid-19, the project was delayed. Currently construction work for the said project is completed and plant is ready for commissioning.

We have not implemented EC 10-82/2018-IA-III dated 2019, but with this we are submitting its current compliance status along with all the required documents.

Kindly note that, ETL is currently operating on effluent inlet of 2.2 MLD as per its CCA amendment no.113210 dated 07.08.21.

CIN NO.: U72200GJ1994PLC023786

Works Office: 2413/2414 & 2211, GIDC Estate, Ankleshwar - 393 002 Dist. : Bharuch (Gujarat)

Phone : (02646) 223569, 252768, 250707

Email : dalwadibd@beil.co.in, darjiam@beil.co.in

Reg. Office: 9701-16, GIDC Estate, Ankleshwar - 393 002 Dist. : Bharuch (Gujarat)

1 of 2



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Test Report

Customer Name& Address: M/s. Enviro Technology Ltd. Plot no. 2413/14 GIDC Estate, Ankleshwar Dist: Bharuch	Report No : SEL/20240426/A-01 Issue Date: 29/04/2024 Contact person:- Mr. Narendra Patel
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Sample Id Code	:	SRICT/20240426/A-01			
Sample Description	:	ETL F/O			
Date of sampling	:	26/04/2024	Sample received By	:	SRICT Audit Team
Date of sample received	:	26/04/2024	Test parameter	:	As mentioned in CCA
Date of starting Analysis	:	26/04/2024	Quantity of Sample	:	2 Lit.
Date of completion Analysis	:	29/04/2024	Packed/Seal	:	Packed
No. Of Samples	:	01			

RESULTS

Sr No	Parameter	Unit	Result	Permissible Limit	Method
1	pH	--	7.24	6.5 to 8.5	IS 3025(P-11) : 2022,Electrometric Method
2	Temperature	°C	27.5	40	APHA (23rd Ed) 2550
3	Colour	Hazen	4853	100 CU	APHA 2120 C, 2-7 to 2-8, 23rd Ed.: 2017,Spectrophotometric Single Wavelength Method
4	Total Suspended solids (TSS)	mg/L	84.7	150	IS3025(P-17) 2022,Gravimetric Method
5	Total Dissolved Solid (TDS)	mg/L	11250	10000	IS3025(P-16), 2023,Gravimetric Method
6	BOD	mg/L	27.6	200	IS:3025 (Part 44),2023 ,Oxygen Depletion Method
7	COD	mg/L	918.72	1000	IS: 3025-Part 58, 2023,Open Reflux Method
8	Oil & Grease	mg/L	BDL	10	APHA 5520-B, 5-42 to 44, 23rd Ed.: 2017,Liquid Partition Gravimetric Method
9	Total Phenol	mg/L	0.45	5	APHA, 5530-D, Page No. 5-52, 23rd Ed.: 2017,Direct Photometric Method

10	Sulphide	mg/L	BDL	5	APHA 4500-S-2-F,4-187, 23rd Ed.: 2017,Iodometric Method
11	Ammonical Nitrogen	mg/L	33.04	50	IS: 3025-Part 34, 1988,Titrimetric Method
12	Total Kjeldahl Nitrogen	mg/L	42	50	APHA-4500-Norg-B, Macro- Kjeldahl Method, 23rd Eddi.
13	Phosphate	mg/L	2.1	5	IS: 3025(P-31)1988Re-2003, Stannous chloride Method.
14	Chlorides	mg/L	5652.85	1000	IS: 3025-Part 32, 1988,Argentometric Method
15	Sulphate	mg/L	3047	1000	APHA ,4500-SO4-E , 4-199 to 200, 23rd Ed.: 2017,Turbidimetric Method
16	Cyanide	mg/L	BDL	0.2	APHA(23rd Ed)4500-D,Titrimetric method
17	Fluorides	mg/L	BDL	15	APHA 4500-F- D, 4-90 TO 4-91, 23rd Ed., : 2017, SPADNS Method
18	Hexavalent Chromium	mg/L	BDL	0.1	APHA(23rd Ed) 3500Cr-B,Colourimetric Method
19	Total Chromium	mg/L	0.49	2	AAS-APHA (23rd Ed) 3111-B, Colourimetric Method
20	Copper	mg/L	0.46	3	APHA 3111-CU-B,3-20 TO 3-31,23 rd. ED.2017 AAS
21	Nickel	mg/L	0.44	3	AAS-APHA 3111-Ni-B,3-20 to 3-21,23 rd. ED.2017
22	Zinc	mg/L	0.51	15	AAS-APHA,3111-Zn-B,3-20 TO 3-21,23 rd. ED.2017
23	Iron	mg/L	1.25	3	APHA-3111-Fe.B,3-20 to 3-21,23 rd. ED.2017
24	Manganese	mg/L	0.51	2	APHA 3111 A , 23 rd. ED.2017-AAS
25	Mercury	mg/L	BDL	0.01	APHA-3112-Hg-B,23 rd. ED.2017-AAS
26	Lead	mg/L	BDL	0.1	AAS-APHA 3111-Pb-B,3-20 to 3-21,23 rd. ED.2017
27	Arsenic	mg/L	BDL	0.2	APHA 3111-AS-B,23 rd. ED.2017-AAS
28	Vanadium	mg/L	BDL	0.2	APHA-3500-V.B-AAS
29	Cadmium	mg/L	BDL	0.05	APHA 3111-Cd B , 23 rd. ED.2017-AAS
30	Selenium	mg/L	BDL	0.05	APHA-3500-Se, B-C-23 rd. ED.2017-AAS
31	Insecticide/ Pesticides	--	Absent	Absent	Pesticides &Insecticides Ref. USEPA 508,525.2



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4. Water/Waste water samples shall be stored for the period of one month after the date of issue of Report.

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Checked by

[Signature]

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Test Report

Customer Name& Address: M/s. Enviro Technology Ltd. Plot no. 2413/14 GIDC Estate, Ankleshwar Dist: Bharuch	Report No : SEL/20240522/A-01 Issue Date: 29/05/2024 Contact person:- Mr. Narendra Patel
---	---

Sample Id Code	:	SRICT/20240522/A-01			
Sample Description	:	ETL F/O			
Date of sampling	:	22/05/2024	Sample received By	:	SRICT Audit Team
Date of sample received	:	22/05/2024	Test parameter	:	As mentioned in CCA
Date of starting Analysis	:	23/05/2024	Quantity of Sample	:	2 Lit.
Date of completion Analysis	:	28/05/2024	Packed/Seal	:	Packed
No. Of Samples	:	01			

RESULTS

Sr No	Parameter	Unit	Result	Permissible Limit	Method
1	pH	--	7.47	6.5 to 8.5	IS 3025(P-11) : 2022,Electrometric Method
2	Temperature	°C	27.6	40	APHA (23rd Ed) 2550
3	Colour	Hazen	4823	100 CU	APHA 2120 C, 2-7 to 2-8, 23rd Ed.: 2017,Spectrophotometric Single Wavelength Method
4	Total Suspended solids (TSS)	mg/L	96.4	150	IS3025(P-17) 2022,Gravimetric Method
5	Total Dissolved Solid (TDS)	mg/L	12450	10000	IS3025(P-16), 2023,Gravimetric Method
6	BOD	mg/L	24	200	IS:3025 (Part 44),2023 ,Oxygen Depletion Method
7	COD	mg/L	760	1000	IS: 3025-Part 58, 2023,Open Reflux Method
8	Oil & Grease	mg/L	BDL	10	APHA 5520-B, 5-42 to 44, 23rd Ed.: 2017,Liquid Partition Gravimetric Method
9	Total Phenol	mg/L	0.41	5	APHA, 5530-D, Page No. 5-52, 23rd Ed.: 2017,Direct Photometric Method

10	Sulphide	mg/L	BDL	5	APHA 4500-S-2-F,4-187, 23rd Ed.: 2017,Iodometric Method
11	Ammonical Nitrogen	mg/L	25.76	50	IS: 3025-Part 34, 1988,Titrimetric Method
12	Total Kjeldahl Nitrogen	mg/L	35.84	50	APHA-4500-Norg-B, Macro- Kjeldahl Method, 23rd Eddi.
13	Phosphate	mg/L	3.2	5	IS:3025(P-16),sec 1:2022
14	Chlorides	mg/L	6412.2	1000	IS: 3025-Part 32, 1988,Argentometric Method
15	Sulphate	mg/L	3759	1000	APHA ,4500-SO4-E , 4-199 to 200, 23rd Ed.: 2017,Turbidimetric Method
16	Cyanide	mg/L	BDL	0.2	APHA(23rd Ed)4500-D,Titrimetric method
17	Fluorides	mg/L	BDL	15	APHA 4500-F- D, 4-90 TO 4-91, 23rd Ed., : 2017, SPADNS Method
18	Hexavalent Chromium	mg/L	BDL	0.1	APHA(23rd Ed) 3500Cr-B,Colourimetric Method
19	Total Chromium	mg/L	0.56	2	AAS-APHA (23rd Ed) 3111-B, Colourimetric Method
20	Copper	mg/L	0.41	3	APHA 3111-CU-B,3-20 TO 3-31,23 rd. ED.2017 AAS
21	Nickel	mg/L	0.47	3	AAS-APHA 3111-Ni-B,3-20 to 3-21,23 rd. ED.2017
22	Zinc	mg/L	0.51	15	AAS-APHA,3111-Zn-B,3-20 TO 3-21,23 rd. ED.2017
23	Iron	mg/L	1.51	3	APHA-3111-Fe.B,3-20 to 3-21,23 rd. ED.2017
24	Manganese	mg/L	0.54	2	APHA 3111 A , 23 rd. ED.2017-AAS
25	Mercury	mg/L	BDL	0.01	APHA-3112-Hg-B,23 rd. ED.2017-AAS
26	Lead	mg/L	BDL	0.1	AAS-APHA 3111-Pb-B,3-20 to 3-21,23 rd. ED.2017
27	Arsenic	mg/L	BDL	0.2	APHA 3111-AS-B,23 rd. ED.2017-AAS
28	Vanadium	mg/L	BDL	0.2	APHA-3500-V.B-AAS
29	Cadmium	mg/L	BDL	0.05	APHA 3111-Cd B , 23 rd. ED.2017-AAS
30	Selenium	mg/L	BDL	0.05	APHA-3500-Se, B-C-23 rd. ED.2017-AAS
31	Insecticide/ Pesticides	--	Absent	Absent	Pesticides &Insecticides Ref. USEPA 508,525.2

BDL: Below Detection Limit

Note: Results shown in bold are above the permissible limits



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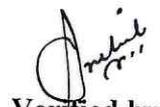
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Test Report

Customer Name & Address: M/s. Enviro Technology Ltd. Plot no. 2413/14 GIDC Estate, Ankleshwar Dist: Bharuch	Report No : SEL/20240626/A-01 Issue Date: 01/07/2024 Contact person:- Mr. Narendra Patel
--	---

Sample Id Code	:	SRICT/20240626/A-01			
Sample Description	:	ETL - Final Outlet			
Date of sampling	:	26/06/2024	Sample received By	:	SRICT Audit Team
Date of sample received	:	26/06/2024	Test parameter	:	As mentioned in CCA
Date of starting Analysis	:	27/06/2024	Quantity of Sample	:	2 Lit.
Date of completion Analysis	:	29/06/2024	Packed/Seal	:	Packed
No. of Samples	:	01			

RESULTS

Sr No	Parameter	Unit	Result	Permissible Limit	Test Method
1	pH	--	7.43	6.5 to 8.5	IS 3025(P-11) : 2022,Electrometric Method
2	Temperature	°C	25.1	40	APHA (23rd Ed) 2550
3	Colour	Hazen	5260	100	APHA 2120 C, 2-7 to 2-8, 23rd Ed.: 2017,Spectrophotometric Single Wavelength Method
4	Total Suspended solids (TSS)	mg/L	75.6	150	IS3025(P-17) 2022,Gravimetric Method
5	Total Dissolved Solid (TDS)	mg/L	12230	10000	IS3025(P-16), 2023,Gravimetric Method
6	BOD	mg/L	24	200	IS:3025 (Part 44),2023 ,Oxygen Depletion Method
7	COD	mg/L	685.44	1000	IS: 3025-Part 58, 2023,Open Reflux Method
8	Oil & Grease	mg/L	BDL	10	APHA 5520-B, 5-42 to 44, 23rd Ed.: 2017,Liquid Partition Gravimetric Method
9	Total Phenol	mg/L	0.36	5	APHA, 5530-D, Page No. 5-52, 23rd Ed.: 2017,Direct Photometric Method
10	Sulphide	mg/L	BDL	5	APHA 4500-S-2-F,4-187, 23rd Ed.: 2017,Iodometric Method

11	Ammonical Nitrogen	mg/L	21.84	50	IS: 3025-Part 34, 1988, Titrimetric Method
12	Total Kjeldahl Nitrogen	mg/L	27.44	50	APHA-4500-Norg-B, Macro- Kjeldahl Method, 23rd Edition
13	Phosphate	mg/L	2.32	5	IS:3025(P-16),sec 1:2022
14	Chlorides	mg/L	5937.87	1000	IS: 3025-Part 32, 1988, Argentometric Method
15	Sulphate	mg/L	4032	1000	APHA ,4500-SO4-E , 4-199 to 200, 23rd Ed.: 2017, Turbidimetric Method
16	Cyanide	mg/L	BDL	0.2	APHA(23rd Ed)4500-D, Titrimetric method
17	Fluorides	mg/L	BDL	15	APHA 4500-F- D, 4-90 TO 4-91, 23rd Ed., : 2017, SPADNS Method
18	Hexavalent Chromium	mg/L	BDL	0.1	APHA(23rd Ed) 3500Cr-B, Colourimetric Method
19	Total Chromium	mg/L	0.37	2	AAS-APHA (23rd Ed) 3111-B, Colourimetric Method
20	Copper	mg/L	0.55	3	APHA 3111-CU-B,3-20 TO 3-31,23 rd. ED.2017 AAS
21	Nickel	mg/L	0.31	3	AAS-APHA 3111-Ni-B,3-20 to 3-21,23 rd. ED.2017
22	Zinc	mg/L	1.36	15	AAS-APHA,3111-Zn-B,3-20 TO 3-21,23 rd. ED.2017
23	Iron	mg/L	1.48	3	APHA-3111-Fe.B,3-20 to 3-21,23 rd. ED.2017
24	Manganese	mg/L	0.28	2	APHA 3111 A , 23 rd. ED.2017-AAS
25	Mercury	mg/L	BDL	0.01	APHA-3112-Hg-B,23 rd. ED.2017-AAS
26	Lead	mg/L	BDL	0.1	AAS-APHA 3111-Pb-B,3-20 to 3-21,23 rd. ED.2017
27	Arsenic	mg/L	BDL	0.2	APHA 3111-AS-B,23 rd. ED.2017-AAS
28	Vanadium	mg/L	BDL	0.2	APHA-3500-V.B-AAS
29	Cadmium	mg/L	BDL	0.05	APHA 3111-Cd B , 23 rd. ED.2017-AAS
30	Selenium	mg/L	BDL	0.05	APHA-3500-Se, B-C-23 rd. ED.2017-AAS
31	Insecticide/ Pesticides	--	Absent	Absent	Pesticides & Insecticides Ref. USEPA 508,525.2

BDL: Below Detection Limit

Note: Results shown in bold are above the permissible limits.



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Prepared by

A. Dautam
Checked by

[Signature]
Verified by



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Test Report

Customer Name & Address : M/s. Enviro Technology Ltd. Plot No. 2413/14 GIDC Estate, Ankleshwar Dist: Bharuch	Report No : SEL/20240712/A-01 Issue Date : 18/07/2024 Contact person : Mr. Narendra Patel
---	--

Sample Id Code	:	SRICT/20240712/A-01			
Sample Description	:	ETL Final Outlet			
Date of sampling	:	12/07/2024	Sample received By	:	SRICT Audit Team
Date of sample received	:	12/07/2024	Test parameter	:	As mentioned in CCA
Date of starting Analysis	:	12/07/2024	Quantity of Sample	:	2 Lit.
Date of completion Analysis	:	17/07/2024	Packed/Seal	:	Packed
No. of Samples	:	01			

RESULTS

Sr No	Parameter	Unit	Result	Permissible Limit	Test Method
1	pH	--	7.46	6.5 to 8.5	IS 3025(P-11) : 2022,Electrometric Method
2	Temperature	°C	25.2	40	APHA (23rd Ed) 2550
3	Colour	Hazen	4970	100 CU	APHA 2120 C, 2-7 to 2-8, 23rd Ed.: 2017,Spectrophotometric Single Wavelength Method
4	Total Suspended solids (TSS)	mg/L	79.8	150	IS3025(P-17) 2022,Gravimetric Method
5	Total Dissolved Solid (TDS)	mg/L	12320	10000	IS3025(P-16), 2023,Gravimetric Method
6	BOD	mg/L	24	200	IS:3025 (Part 44),2023 ,Oxygen Depletion Method
7	COD	mg/L	763.2	1000	IS: 3025-Part 58, 2023,Open Reflux Method
8	Oil & Grease	mg/L	BDL	10	APHA 5520-B, 5-42 to 44, 23rd Ed.: 2017,Liquid Partition Gravimetric Method
9	Total Phenol	mg/L	0.32	5	APHA, 5530-D, Page No. 5-52, 23rd Ed.: 2017,Direct Photometric Method
10	Sulphide	mg/L	BDL	5	APHA 4500-S-2-F,4-187, 23rd Ed.: 2017,Iodometric Method
11	Ammonical Nitrogen	mg/L	22.96	50	IS: 3025-Part 34, 1988,Titrimetric Method
12	Total Kjeldahl Nitrogen	mg/L	30.8	50	APHA-4500-Norg-B, Macro- Kjeldahl Method, 23rd Eddi.
13	Phosphate	mg/L	2.32	5	IS:3025(P-16),sec 1:2022

14	Chlorides	mg/L	5890.37	1000	IS: 3025-Part 32, 1988, Argentometric Method
15	Sulphate	mg/L	3523	1000	APHA ,4500-SO4-E , 4-199 to 200, 23rd Ed.: 2017, Turbidimetric Method
16	Cyanide	mg/L	BDL	0.2	APHA(23rd Ed)4500-D, Titrimetric method
17	Fluorides	mg/L	BDL	15	APHA 4500-F- D, 4-90 TO 4-91, 23rd Ed., : 2017, SPADNS Method
18	Hexavalent Chromium	mg/L	BDL	0.1	APHA(23rd Ed) 3500Cr-B, Colourimetric Method
19	Total Chromium	mg/L	0.42	2	AAS-APHA (23rd Ed) 3111-B, Colourimetric Method
20	Copper	mg/L	0.53	3	APHA 3111-CU-B, 3-20 TO 3-31, 23 rd. ED. 2017 AAS
21	Nickel	mg/L	0.49	3	AAS-APHA 3111-Ni-B, 3-20 to 3-21, 23 rd. ED. 2017
22	Zinc	mg/L	0.54	15	AAS-APHA, 3111-Zn-B, 3-20 TO 3-21, 23 rd. ED. 2017
23	Iron	mg/L	1.48	3	APHA-3111-Fe.B, 3-20 to 3-21, 23 rd. ED. 2017
24	Manganese	mg/L	0.44	2	APHA 3111 A , 23 rd. ED. 2017-AAS
25	Mercury	mg/L	BDL	0.01	APHA-3112-Hg-B, 23 rd. ED. 2017-AAS
26	Lead	mg/L	BDL	0.1	AAS-APHA 3111-Pb-B, 3-20 to 3-21, 23 rd. ED. 2017
27	Arsenic	mg/L	BDL	0.2	APHA 3111-AS-B, 23 rd. ED. 2017-AAS
28	Vanadium	mg/L	BDL	0.2	APHA-3500-V.B-AAS
29	Cadmium	mg/L	BDL	0.05	APHA 3111-Cd B , 23 rd. ED. 2017-AAS
30	Selenium	mg/L	BDL	0.05	APHA-3500-Se, B-C-23 rd. ED. 2017-AAS
31	Insecticide/Pesticides	--	Absent	Absent	Pesticides & Insecticides Ref. USEPA 508,525.2

BDL: Below Detection Limit

Note: Results shown in bold are above the permissible limits

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Page 2 of 2



SRICT ENVIRONMENTAL LABORATORY

(SHROFF S R ROTARY INSTITUTE OF CHEMICAL TECHNOLOGY)

(Managed by ANKLESHWAR ROTARY EDUCATIONAL SOCIETY)

(Block No. 402, At & Post: Vataria, Ta: Valia, Dist.: Bharuch, Pin code: 393135. Phone No.:02643-290825)



TC-13941

Page 1 of 1

Group : Waste Water

Discipline : Chemical

ULR No. : TC1394124000000141F

TEST REPORT

Customer's Name & Address: M/s. Enviro Technology Ltd Plot no. 2413/14, GIDC Estate, Ankleshwar, Dist: Bharuch. Contact Person: Mr. Dipak Meghapara	Report No : SEL/20240814/A3-001 Issue Date: 22/08/2024
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Lab Id Code	: SRICT/20240814/A3-001
Sample Description	: Final O/L-001 Purpose : Testing
Date of sample received	: 14/08/2024 Test parameter : As mentioned by customer
Date of starting Analysis	: 16/08/2024 Quantity : 2 Lit
Date of completion Analysis	: 21/08/2024 Packed/Seal : Sealed

Sr No	Parameter	Unit	Result	Acceptable Criteria	Method
1	pH	--	7.23	6.5 to 8.5	IS 3025(P-11) : 2022,Electrometric Method
2	Total Suspended solids (TSS)	mg/l	92.2	150	IS3025(P-17) 2022,Gravimetric Method
3	Total Dissolved Solid (TDS)	mg/l	13120	10000	IS3025(P-16), 2023,Gravimetric Method
4	BOD	mg/l	24	200	IS:3025 (Part 44),2023 ,Oxygen Depletion Method
5	COD	mg/l	792.12	1000	IS: 3025-Part 58, 2023,Open Reflux Method
6	Oil & Grease	mg/l	BDL	10	APHA 5520-B, 5-42 to 44, 23rd Ed.: 2017,Liquid Partition Gravimetric Method
7	Total Phenol	mg/l	0.31	5	APHA, 5530-D, Page No. 5-52, 23rd Ed.: 2017,Direct Photometric Method
8	Sulphide	mg/l	BDL	5	APHA 4500-S-2-F,4-187, 23rd Ed.: 2017,Iodometric Method
9	Ammonical Nitrogen	mg/l	24.08	50	IS: 3025-Part 34, 1988,Titrimetric Method
10	Chlorides	mg/l	5605.35	1000	IS: 3025-Part 32, 1988,Argentometric Method

BDL : Below Detection Limit,

Note: Results shown in Bold are found above Permissible Limit.

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END OF REPORT

Prepared and checked By

Dr. Pratibha Gautam

(Technical Manager)

Authorized Signatory

Dr. Snehal Lokhandwala

(Quality Manager)

Block No:402, At: Vataria, Ankleshwar-Valia Road, Ta: Valia, Dist: Bharuch

Phone No:02643-290825,9712177799, Mo: 9727745875/876 E-mail:hr.srict@gmail.com, www.srict.in



Shroff S.R. Rotary Institute of Chemical Technology



Principal Supporter & Sponsor – UPL Ltd & Shroff Family
Managed by Ankleshwar Rotary Education Society
Constituent Institute of UPL University of Sustainable Technology



Group : Waste Water
Discipline : Chemical

TEST REPORT

Customer's Name & Address: M/s. Enviro Technology Ltd Plot no. 2413/14, GIDC Estate, Ankleshwar, Dist: Bharuch. Contact Person: Mr. Dipak Meghapara	Report No : SRICT/20240814/A3-001 Issue Date: 22/08/2024
---	---

Lab Id Code	:	SRICT/20240814/A3-001		
Sample Description	:	Final O/L-001	Purpose	: Testing
Date of sample received	:	14/08/2024	Test parameter	: As mentioned by customer
Date of starting Analysis	:	16/08/2024	Quantity	: 2 Lit
Date of completion Analysis	:	21/08/2024	Packed/Seal	: Sealed

Sr No	Parameter	Unit	Result	Permissible Limit (If Applicable)	Method
1	Temperature	°C	25.0	40	APHA (23rd Ed) 2550
2	Total Kjeldahl Nitrogen	mg/l	32.48	50	APHA-4500-Norg-B, Macro- Kjeldahl Method, 23rd Eddi.
3	Phosphate	mg/l	2.80	5	IS: 3025(P-31)1988Re-2003, Stannous chloride Method.
4	Cyanide	mg/l	BDL	0.2	APHA(23rd Ed)4500-D, Titrimetric method
5	Fluorides	mg/l	BDL	15	APHA 4500-F- D, 4-90 TO 4-91, 23rd Ed., : 2017, SPADNS Method
6	Hexavalent Chromium	mg/l	BDL	0.1	APHA(23rd Ed) 3500Cr-B, Colourimetric Method
7	Total Chromium	mg/l	0.43	2	AAS-APHA (23rd Ed) 3111-B, Colourimetric Method
8	Copper	mg/l	0.56	3	APHA 3111-CU-B,3-20 TO 3-31,23 rd. ED.2017 AAS
9	Nickel	mg/l	0.68	3	AAS-APHA 3111-Ni-B,3-20 to 3-21,23 rd. ED.2017
10	Zinc	mg/l	0.51	15	AAS-APHA,3111-Zn-B,3-20 TO 3-21,23 rd. ED.2017
11	Iron	mg/l	1.11	3	APHA-3111-Fe.B,3-20 to 3-21,23 rd. ED.2017



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12	Manganese	mg/l	0.65	2	APHA 3111 A , 23 rd. ED.2017-AAS
13	Mercury	mg/l	BDL	0.01	APHA-3112-Hg-B,23 rd. ED.2017-AAS
14	Lead	mg/l	BDL	0.1	AAS-APHA 3111-Pb-B,3-20 to 3-21,23 rd. ED.2017
15	Arsenic	mg/l	BDL	0.2	APHA 3111-AS-B,23 rd. ED.2017-AAS
16	Vanadium	mg/l	BDL	0.2	APHA-3500-V.B-AAS
17	Cadmium	mg/l	BDL	0.05	APHA 3111-Cd B , 23 rd. ED.2017-AAS
18	Selenium	mg/l	BDL	0.05	APHA-3500-Se, B-C-23 rd. ED.2017-AAS
19	Color	mg/l	5510	100 CU	APHA 2120 C, 2-7 to 2-8, 23rd Ed.: 2017,Spectrophotometric Single Wavelength Method
20	Sulphate	mg/l	2140	1000	APHA ,4500-SO4-E , 4-199 to 200, 23rd Ed.: 2017,Turbidimetric Method
21	Insecticide/ Pesticides	mg/l	Absent	Absent	Pesticides &Insecticides Ref. USEPA 508,525.2

BDL: Below Detection Limit

Note : Results shown in Bold are found above Permissible Limit.

Prepared and checked By

Authorized Signatory

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END OF REPORT



SRICT ENVIRONMENTAL LABORATORY

(SHROFF S R ROTARY INSTITUTE OF CHEMICAL TECHNOLOGY)

(Managed by ANKLESHWAR ROTARY EDUCATIONAL SOCIETY)

(Block No. 402, At & Post: Vataria, Ta: Valia, Dist.: Bharuch, Pin code: 393135. Phone No.:02643-290825)



TC-13941

Page 1 of 1

Group : Waste Water

Discipline : Chemical

ULR No. : TC1394124000000190F

TEST REPORT

Customer's Name & Address: M/s. Enviro Technology Ltd Plot no. 2413/14, GIDC Estate, Ankleshwar, Dist: Bharuch. Contact Person: Mr. Dipak Meghapara	Report No : SEL/20240917/A-001 Issue Date: 24/09/2024
---	--

Lab Id Code	:	SRICT/20240917/A-001
Sample Description	:	Final O/L-001
Date of sample received	:	17/09/2024
Date of starting Analysis	:	18/09/2024
Date of completion Analysis	:	23/09/2024
Purpose	:	Testing
Test parameter	:	As mentioned by customer
Quantity	:	2 Lit
Packed/Seal	:	Sealed

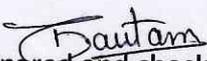
Sr No	Parameter	Unit	Result	Acceptable Criteria	Test Method
1	pH	--	7.48	6.5 to 8.5	IS 3025(P-11) : 2022,Electrometric Method
2	Total Suspended solids (TSS)	mg/l	78.8	150	IS3025(P-17) 2022,Gravimetric Method
3	Total Dissolved Solid (TDS)	mg/l	12880	10000	IS3025(P-16), 2023,Gravimetric Method
4	BOD	mg/l	25.8	200	IS:3025 (Part 44),2023 ,Oxygen Depletion Method
5	COD	mg/l	619.52	1000	IS: 3025-Part 58, 2023,Open Reflux Method
6	Oil & Grease	mg/l	BDL	10	APHA 5520-B, 5-42 to 44, 23rd Ed.: 2017,Liquid Partition Gravimetric Method
7	Total Phenol	mg/l	0.18	5	APHA, 5530-D, Page No. 5-52, 23rd Ed.: 2017,Direct Photometric Method
8	Sulphide	mg/l	BDL	5	APHA 4500-S-2-F,4-187, 23rd Ed.: 2017,Iodometric Method
9	Ammonical Nitrogen	mg/l	25.2	50	IS: 3025-Part 34, 1988,Titrimetric Method
10	Chloride	mg/l	4465.28	1000	IS: 3025-Part 32, 1988,Argentometric Method

BDL: Below Detection Limit, Note: Results shown in Bold are found above Permissible Limit.

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END OF REPORT


Prepared and checked By
Dr. Pratibha Gautam
(Technical Manager)


Authorized Signatory
Dr. Snehal Lokhandwala
(Quality Manager)



Shroff S.R. Rotary Institute of Chemical Technology



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Managed by Ankleshwar Rotary Education Society
Constituent Institute of UPL University of Sustainable Technology



Group : Waste Water
Discipline : Chemical

TEST REPORT

Customer's Name & Address: M/s. Enviro Technology Ltd Plot no. 2413/14, GIDC Estate, Ankleshwar, Dist: Bharuch. Contact Person: Mr. Dipak Meghapara	Report No : SEL/20240917/A-001 Issue Date: 24/09/2024
---	--

Lab Id Code	:	SRICT/20240917/A-001		
Sample Description	:	Final O/L-001	Purpose	: Testing
Date of sample received	:	17/09/2024	Test parameter	: As mentioned by customer
Date of starting Analysis	:	18/09/2024	Quantity	: 2 Lit
Date of completion Analysis	:	23/09/2024	Packed/Seal	: Sealed

Sr No	Parameter	Unit	Result	Permissible Limit (If Applicable)	Test Method
1	Temperature	°C	24.9	40	APHA (23rd Ed) 2550
2	Total Kjeldahl Nitrogen	mg/l	34.02	50	APHA-4500-Norg-B, Macro- Kjeldahl Method, 23rd Eddi.
3	Phosphate	mg/l	1.86	5	IS: 3025(P-31)1988Re-2003, Stannous chloride Method.
4	Cyanide	mg/l	BDL	0.2	APHA(23rd Ed)4500-D, Titrimetric method
5	Fluorides	mg/l	BDL	15	APHA 4500-F- D, 4-90 TO 4-91, 23rd Ed., : 2017, SPADNS Method
6	Hexavalent Chromium	mg/l	BDL	0.1	APHA(23rd Ed) 3500Cr-B, Colourimetric Method
7	Total Chromium	mg/l	0.28	2	AAS-APHA (23rd Ed) 3111-B, Colourimetric Method
8	Copper	mg/l	0.82	3	APHA 3111-CU-B,3-20 TO 3-31,23 rd. ED.2017 AAS
9	Nickel	mg/l	0.58	3	AAS-APHA 3111-Ni-B,3-20 to 3-21,23 rd. ED.2017
10	Zinc	mg/l	0.62	15	AAS-APHA,3111-Zn-B,3-20 TO 3-21,23 rd. ED.2017
11	Iron	mg/l	1.10	3	APHA-3111-Fe.B,3-20 to 3-21,23 rd. ED.2017



Shroff S.R. Rotary Institute of Chemical Technology



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12	Manganese	mg/l	0.72	2	APHA 3111 A , 23 rd. ED.2017-AAS
13	Mercury	mg/l	BDL	0.01	APHA-3112-Hg-B,23 rd. ED.2017-AAS
14	Lead	mg/l	BDL	0.1	AAS-APHA 3111-Pb-B,3-20 to 3-21,23 rd. ED.2017
15	Arsenic	mg/l	BDL	0.2	APHA 3111-AS-B,23 rd. ED.2017-AAS
16	Vanadium	mg/l	BDL	0.2	APHA-3500-V.B-AAS
17	Cadmium	mg/l	BDL	0.05	APHA 3111-Cd B , 23 rd. ED.2017-AAS
18	Selenium	mg/l	BDL	0.05	APHA-3500-Se, B-C-23 rd. ED.2017-AAS
19	Color	Hazen	5880	100	APHA 2120 C, 2-7 to 2-8, 23rd Ed.: 2017,Spectrophotometric Single Wavelength Method
20	Sulphate	mg/l	2324	1000	APHA ,4500-SO4-E , 4-199 to 200, 23rd Ed.: 2017,Turbidimetric Method
21	Insecticide/ Pesticides	mg/l	Absent	Absent	Pesticides &Insecticides Ref. USEPA 508,525.2

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Note: Results shown in Bold are found above Permissible Limit.


Prepared and checked By


Authorized Signatory

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END OF REPORT



March 5, 2013

Enviro Technology Ltd.
Plot No.2413/2414,
GIDC, Ankleshwar.

Sub : Membership Certificate for Common Solid Waste Disposal Facility.

Dear Sir,

We hereby certify that you have become member for the common Solid/Hazardous waste disposal facility of Bharuch Enviro Infrastructure Ltd., at GIDC, Ankleshwar. You have booked solid waste quantity of **36,000 MT / Year.** Your Membership No. is **Ank/048.**

Thanking you,

Yours faithfully,
For BHARUCH ENVIRO INFRASTRUCTURE LTD.

AUTHORISED SIGNATORY



ENVIRO TECHNOLOGY LIMITED

Ref.: ETL/ANK/11/2024/751

11 November 2024

To,
The Executive Engineer,
Industrial Division (O&M),
Dakshin Gujarat Vij Company Ltd.,
Near ONGC Over bridge,
Ankleshwar 393001, Dist.-Bharuch
Gujarat

Subject :- Power Adequacy Certificate for Enviro Technology Limited.
Reference :- Power Adequacy Certificate for Enviro Technology Limited via letter
no:- ETL/ANK/06/2024/217 On dated 11/06/2024.

HT Consumer no:-39564

Dear Sir,

As we are proposing to expand our Plant capacity from 2.2MLD to 3.5MLD. For Environmental Clearance, MOEF has inquired to submit the certificate of adequacy of available power from DGVCL. As Per reference letter no: ETL/ANK/06/2024/217 On dated 11/06/2024 we still have not received power adequacy certificate.

We request you to issue us the same, so that we can submit it to MOEF.

Hope for your positive response in matter.

Thanking you,

Yours faithfully,

For Enviro Technology Limited.

Authorized Signatory

FMV
20/11/24
DESPATCH ASSTT
DGVCL IND
ANKLASHWAR

CIN NO. : U72200GJ1994PLC023786
Works Office : 2413/2414 & 2211, GIDC Estate, Ankleshwar - 393 002 Dist. : Bharuch (Gujarat)
Phone : (02646) 223569, 252768, 250707
Email : dalwadibd@beil.co.in, darjiam@beil.co.in
Reg. Office : 9701-16, GIDC Estate, Ankleshwar - 393 002 Dist. : Bharuch (Gujarat)



ENVIRO TECHNOLOGY LIMITED

Ref.: ETL/ANK/06/2024/217

11 June 2024

To,
The Executive Engineer,
Industrial Division (O&M),
Dakshin Gujarat Vij Company Ltd.,
Near ONGC Over bridge,
Ankleshwar 393001, Dist.-Bharuch
Gujarat

Sub.: Power Adequacy Certificate for Enviro Technology Limited.

HT Consumer no:-39564

Dear Sir,

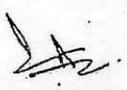
We are proposing to expand our Plant capacity from 2.2MLD to 3.5MLD. For Environmental Clearance, GPCB has inquired to submit the certificate of adequacy of available power from DGVCL.

We request you to issue us the same, so that we can submit it to GPCB.

Thanking you,

Yours faithfully,

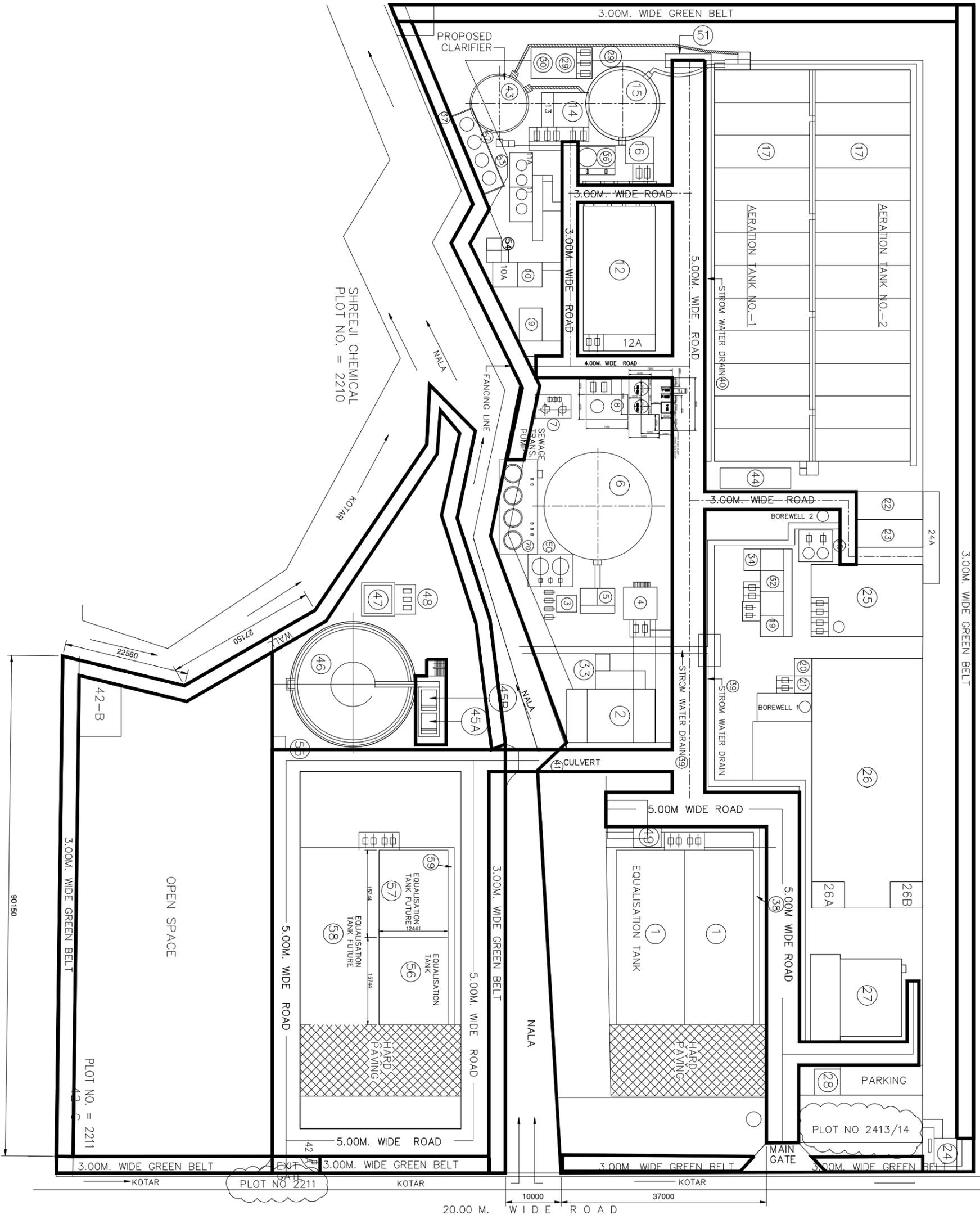
For Enviro Technology Limited.


Authorized Signatory

From: *D.K. Morkar*
12/6/24
**DESPATCH ASSTT.
D.G.V.C.L. IND. DN.
ANKLESHWAR.**

CIN NO.: U72200GJ1994PLC023786
Works Office: 2413/2414 & 2211, GIDC Estate, Ankleshwar - 393 002 Dist. : Bharuch (Gujarat)
Phone : (02646) 223569, 252768, 250707
Email : dalwadibd@bell.co.in, darjam@bell.co.in
Reg. Office : 9701-16, GIDC Estate, Ankleshwar - 393 002 Dist. : Bharuch (Gujarat)

PLANT LAYOUT



20.00 M. WIDE ROAD

3.00M. WIDE GREEN BELT

SHREEJI CHEMICAL
PLOT NO. = 2210

PLOT NO. = 2211

PLOT NO 2413/14

42-B

KOTAR

KOTAR

KOTAR

22560

27150

OPEN SPACE

3.00M. WIDE GREEN BELT

5.00M. WIDE ROAD

5.00M. WIDE ROAD

5.00M WIDE ROAD

5.00M WIDE ROAD

3.00M. WIDE ROAD

4.00M. WIDE ROAD

3.00M. WIDE ROAD

5.00M. WIDE ROAD

3.00M. WIDE GREEN BELT

PROPOSED CLARIFIER

FENCING LINE

SEWAGE PUMP

NALA

NALA

NALA

NALA

NALA

NALA

CULVERT

3.00M. WIDE GREEN BELT

5.00M. WIDE ROAD

ON SITE EMERGENCY PLAN

Of

M/s. Enviro Technology Limited

2413, 2414 & 2211 G.I.D.C.

Ankleshwar – 393 002

**5TH FEB 2024
21th EDITION**

F O R E W O R D

The “On Site Emergency Management Plan” is prepared with the objective of defining the functions and responsibilities of all concerned managerial, operational and supporting services department personnel with respect to detection and effective implementation of action plan.

The ultimate goal is the effective containment of the situation by proper mitigation action at the place of occurrence, cautioning people in adjoining affected localities, prompt rescue and medical aid to affected persons and communications to civil authorities for rushing in help from outside.

All concerned are hereby requested to carefully study and thoroughly familiarize themselves with in, in order to ensure its effectiveness in times of emergency.

Date : 5th FEB-2024

Unit Head

ABOUT THE COMPANY

Ankleshwar Industrial Estate is one of the largest chemical industrial zones of Asia. It is located in the prosperous South Gujarat Industrial Belt. The city is in between Surat and Baroda on the side of National Highway No.8. It is supported by a stable infrastructure and has shown excellent growth in the last few years. More than 1000 small, medium and large scale industries are manufacturing chemicals, pharmaceuticals, pesticides, dyes, pigments, textiles etc., have come up in the estate.

Along with industrialization, environmental problems also cropped up. Most of the large and medium scale industries are having their own effluent water treatment facilities. Whereas most of the small scale industries are unable to provide effluent treatment facilities of their own due to lack of space, capital, expertise and other operation problems. Also treatment by individual small scale units were found to be not viable taking into consideration of manufacturing technologies being employed.

Ankleshwar Industries Association (AIA) along with other social / professional organizations like Ankleshwar Environmental Preservation Society (AEPS), Rotary Pollution Control Cell (RPCC) etc, was trying to find out a solution for the problem. After detailed studies and discussion at various forums, it was decided to go ahead with a "Common Effluent Treatment Plant" for small scale / medium / large scale industries. Taking into consideration the success and failure of different CETPs in India and abroad, a Company "ENVIRO TECHNOLOGY LIMITED (ETL)" was promoted.

ENVIRO TECHNOLOGY LTD

The Company is promoted by Ankleshwar Industries Association through some of the major industries in the estate. Tatva Global (A group of United Phosphorous Limited) is the main promoter holding 75% of the equity.

This Company is a professionally managed one, which is operating on commercial basis.

The Board of Directors of the company are very experienced and committed. They are:

LIST OF BOARD OF DIRECTORS

Sr. no.	Name of Director	DIN	Designation
1	RAJNIKANT DEVIDAS SHROFF	180810	DIRECTOR
2	SANDRA RAJNIKANT SHROFF	189012	DIRECTOR
3	ARUN CHANDRASEN ASHAR	192088	DIRECTOR
4	ASHOK AMARLAL PANJWANI	200220	DIRECTOR
5	PRABODHKUMAR BHAILALBHAI PATEL	2790654	DIRECTOR
6	RASHMIKANT NATWARLAL SHUKLA	6468013	DIRECTOR
7	VIMALKUMAR GOPALDAS GANDHI	7950427	INDEPENDENT DIRECTOR
8	SACHIN PRAKASHBHAI PARIKH	7957074	INDEPENDENT DIRECTOR
9	VIPULBHAI VALLABHBHAI GAJERA	30338	DIRECTOR
10	JIGAR BHARATBHAI DAVE	8863860	NOMINEE DIRECTOR
11	JASUBHAI CHAUDHARY	7723599	ADDITIONAL DIRECTOR

UNIQUE FEATURES OF THE COMPANY

1. The Company is a commercial venture, professionally managed.
2. Back – up of major industries – Tatva Global (A group of United Phosphorous Limited) is the main promoter holding 75% of the equity.
3. Membership for small scale industries / medium scale / large scale.
4. Total solution for the effluent problem of members. Acidic, Alkaline, Neutral & High Ammonical nitrogen effluents are received by the Company. Primary, Secondary, tertiary & MAP treatment Facilities are provided.

COMMON EFFLUENT TREATMENT PLANT

1. Design Details
 - a. Capacity : 2200 m³ / day
 - b. Total No. of industries giving effluent : 250 Nos.
 - c. Treatment Scheme : Primary, Secondary, Tertiary & MAP Treatment
 - d. Effluent characteristics : Major parameters

Parameters	Unit	Raw Effluent	Treated Effluent
PH		6.5-8.5	6.5 – 8.50
COD	mg / l	5000	< 1000
BOD	mg / l	1500	< 200
SS	mg / l	500	< 150
NH ₄ -N	mg / l	300	< 50
 - e. Transportation of Raw Effluent : Through rubber lined tankers
 - f. Total plot area : 18725 sq. meters & 7819 sq. meters
 - g. Monitoring Facility : Full – fledged Laboratory
 - h. Auxiliary power supply : 1010 KVA DG Set

BRIEF PROCESS DESCRIPTION

The Small Scale Industries who are members of the CETP will store their raw effluent in storage tanks. These effluents will be transported by rubber lined tankers from the industries to the CETP by ETL. On receipt at CETP, samples will be checked and then it will be unloaded in Equalization Tanks. Equalization Tanks - 2 Nos. are provided, each with 1000 M³ capacity and diffused aeration system to provide mixing. Other two nos. of equalization tanks are also provided for collection of having High Ammonical nitrogen effluent, each tank capacity is 580 M³. They are operated on fill and draw basis.

(The Equalization effluent is being received in neutral form (pH 6.5-8.5)) Online Fenton treatment is introduced as pre-treatment as per the studies conducted by various institutes like IITs, Kanpur/Mumbai & CLRI, and Chennai. Then pH is raised to 8.5 to 9.5 to precipitate heavy metals present in the effluent. In primary clarifier, where solids are settled at the bottom of the clarifier. The equalized high Ammonical nitrogen stream is being treated in MAP reactor. After MAP treatment effluent goes to primary clarifier. After PSF effluent goes to the secondary treatment. The sludge from the bottom of the primary clarifier is sent to the Decanter for the removal of moisture. The sludge cake from the Decanter is sent to the secured landfill site (BEIL).

Since it is difficult to treat more effluent with the same technology of Extended Aeration Activated Sludge process which require large foot print, a two-stage process with advance biological treatment (ASP + MLE) is implemented based on extensive pilot plant study. In this process, the aeration system is operated in series whereas in the earlier system it was operated in parallel. In this two stage process, the COD and BOD will be removed in the first stage while in the second stage, some refractory COD and ammonia will be removed.

In the existing two stages process, major portion of COD and BOD (organic carbon) will be removed in the first stage high rate activated sludge process along with some amount of ammonical nitrogen. Specific consortia of bacteria developed in the micro biology laboratory of ETL will be used for bio-augmentation in this reactor to enhance the process of removal. In the second stage MLE process consisting of a combination of Anoxic and Aerobic reactors, some refractory COD and remaining ammonia nitrogen will be treated. Specific bacterial consortia for refractory COD removal and ammonia nitrogen removal will be used for bio-augmentation in the 2nd stage. Since in the MLE process, nitrogen is removed by a combination of nitrification and denitrification, total nitrogen load in the effluent will go down significantly as the nitrate (product of

nitrification) will be converted to gaseous nitrogen and recycled back to the atmosphere.

Continuous addition of culture is being done as Bio-augmentation. The air is being added using tubular diffusers. In the biological treatment, the dissolved organic matter is degraded by the microorganisms. The retention time of the ASP+MLE is around 5 days. Domestic sewage is added at the Inlet of ASP tank. MLSS is being controlled by proper recycle of biomass and daily wasting of biomass. The primary treated effluent goes to ASP tank and then transferred to the Secondary Clarifier-1 for the settlement of the biological solids. The overflow of the secondary Clarifier-1 transferred to MLE tank (Anoxic + Aerobic) for further process and overflow of the MLE tank collected in Secondary clarifier -2 (A+B) for the settlement of the biological solids.

The overflow of the Secondary clarifier -2 (A+B) is collected in a sump for further tertiary treatment.

The effluent collected in the sump is subjected to the tertiary treatment. There are two types of the tertiary treatment provided.

Pressure sand Filters with latest distribution and collection system. Aerated activated carbon filters.

After tertiary treatment effluent is discharged to G.I.D.C drainage line through online magnetic flow meter, pH meter for further treatment at NCT and then disposal to deep sea discharge.

BOD Reduction:

ETL is having Sophisticated Microbiology Laboratory and detailed Treatability Studies are conducted. Special bacterial cultures have been developed by the laboratory of ETL. Some of the cultures are procured from IMTECH and National Chemical Laboratory (Pune). Daily specific doses of acclimatized bacterial culture are dosed to aeration tanks for maintaining required consortium regularly in the biological reactor. With this bio augmentation, BOD reduction is consistently above 95 % and resultant BOD in outlet is as low as 20 mg/l. However, COD reduction is only up to 500 to 800 mg / l due to refractory COD present.

MAP Process:

Removal of Ammonical Nitrogen is difficult problem and detailed studies have been conducted by IITs; to finalize the treatment scheme. Subsequently, treatment scheme is developed with segregated stream with Magnesium Oxide at an initial phase but after conducting detailed research study now magnesium Oxide switched over to Magnesium chloride and Di Sodium Hydrogen Phosphate

to precipitate Magnesium Ammonium Phosphate. MAP is insoluble compound and can be separated. ETL has developed capacity to segregate and treat up to 600 KLD of such high Ammonical Nitrogen containing stream. Treatment operations have been started from February 2011. After segregation, Treatment at ETL and other control measures by member industries, now average Ammonical Nitrogen is reduced up to permissible limit.

OTHER INFRASTRUCTURAL FACILITIES PROVIDED

A full – fledged laboratory is provided to monitor and control the operation of CETP. Acidity, COD, BOD, Ammonical Nitrogen, SS, TDS. Heavy Metals, Oil & Grease, Cyanide, Phenol etc and other parameters are analyzed in the laboratory on a regular basis. Treatability studies are also conducted in the laboratory.

Auxiliary power supply is available for full operation of plant in case of power failure 1010 KVA D. G. Set is installed. In the adjacent plot to CETP, Solid Waste Storage Facility is developed with impervious liners and leachate collection and transfer arrangement.

Road has been developed properly and parking space is provided for tankers and other vehicles. 10 meters width green belt is being developed at the entire periphery of the plot. Chemical House and Stores are provided to keep lime, chemicals and miscellaneous spares.

Administrative Office with computer facility will help day – to – day management.

OPERATION

The CETP is operated under the control of ETL. All required operating personnel are appointed. Additional support required is provided by M/s. UPL Ltd. & Bharuch Enviro Infrastructure Ltd.

The operation charges are recovered from member industries based on effluent characteristics – Acidity, COD & Ammonical Nitrogen.

CETP STATUS

The Project Report was approved by GPCB, NEERI and The World Bank. Construction work was started in January 1996 and completed in November 1996.

Secondary Treatment was commissioned in December 1996. The required bacterial mass was developed within one month's time. The Primary Treatment was commissioned in February 1997. Tertiary Treatment System is also taken into line fully by 3rd week of April 1997. The plant capacity was increased from 1.0 MLD to 1.8 MLD in the year 2007. It was further increase from 1.8 MLD to 2.2 MLD in 2019 by modification of process.

INDEX

1. Introduction
2. Scope and Applicability
3. Concept of Operation
4. Duties of Key Personnel
5. Emergency Procedures
6. Emergency Capabilities

CHAPTER – 1

INTRODUCTION

Emergency Planning is an integral part of the overall loss control program and is essential for any well run organization. This is important for effective management of an accident / incident to minimize losses to people and property, both in and around the facility. The important aspect in emergency management is to prevent by technical and organization measures, the unintentional escape of hazardous materials out of the facility and minimize accidents and losses. Not only are recognized hazardous conditions which could aggravate an emergency situation be discovered, the emergency response. Emergency planning also demonstrates the organization's commitment to the safety of employees and increases the organization's safety awareness.

The plan can work smoothly and effectively only if the instructions are correctly and promptly followed and action taken at various levels is well co-ordinate.

OBJECTIVES

The objectives of emergency response plan are :

1. Rapid identification, control and containment of the hazardous situation
2. Minimizing the risk and impact of event / account
3. Effective rehabilitation of the affected persons and prevention of damage to property.

To achieve the above stated objectives of emergency planning, the critically elements that form the backbone of the ERP are:

1. Reliable and early detection of an emergency and careful planning.
2. The command, co-ordination and response organization structure along with efficient trained personnel.
3. The availability of resources for handling emergencies
4. Appropriate emergency response actions
5. Effective notification and communication facilities
6. Regular review and updating of the ERP
7. Proper training of the concerned personnel

CHAPTER – 2
SCOPE AND APPLICABILITY

The On Site Emergency Plan describes the organizational structure, facilities, equipment, services, infrastructure etc., necessary to respond to emergency situation which could have On Site and Off Site Implications at the Facility. The Plan also applies to those participating governmental agencies that are responsible for emergency response within the immediate area surrounding the facility and to those agencies, organization, contractors and facilities providing assistance to the facility during an emergency.

Facility Description

Address - Enviro technology Limited
2413 / 14, 2211 G.I.D.C., Ankleshwar – 393 002
Gujarat

Total Area - 18724 sq meters & 7819 sq. meters

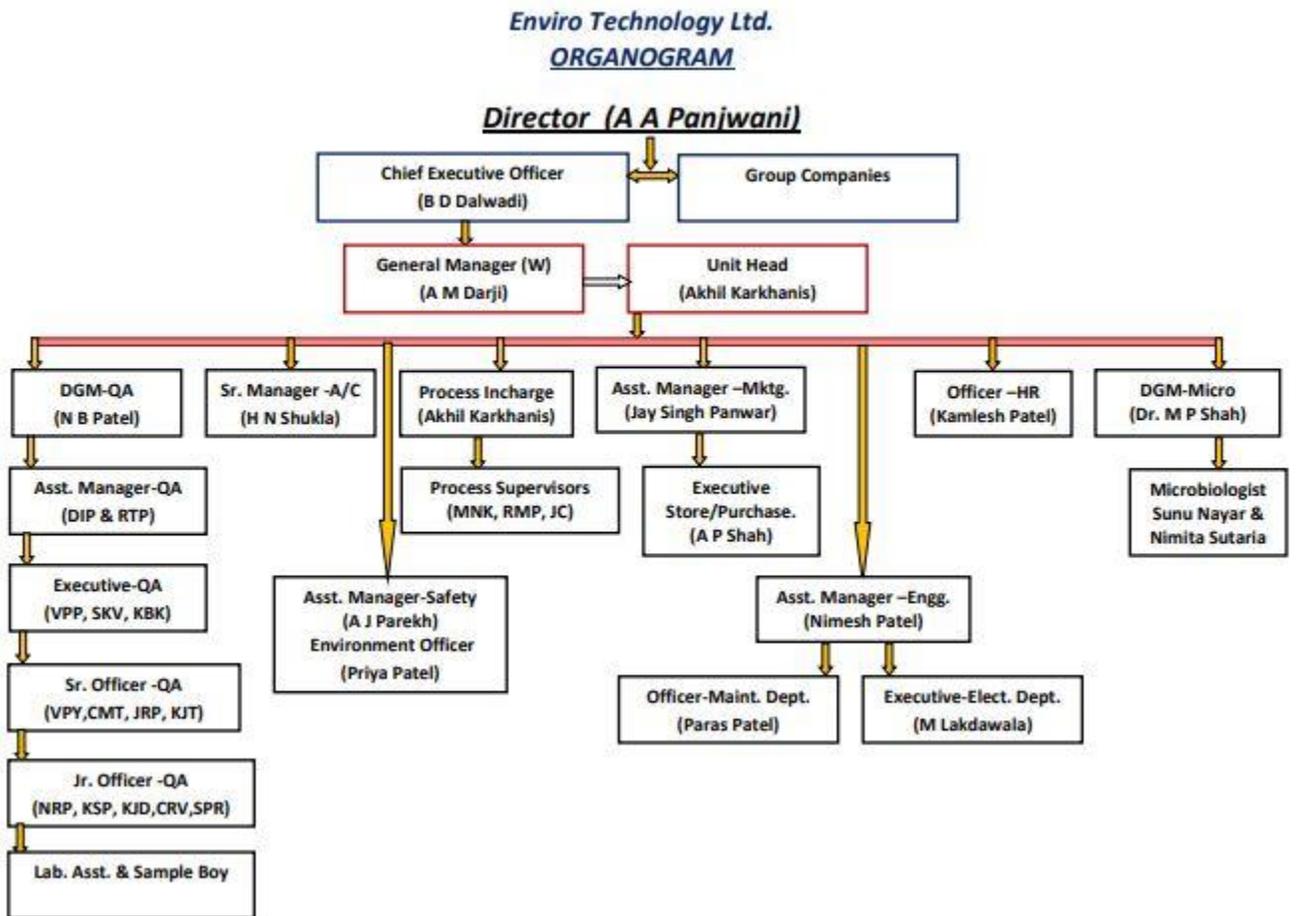
Telephone nos - (02646) 299121, 299108

Major Substances handled

Sr. No	Chemical	Quantity Stored	MOC Tank	Storage Condition
1	HCl tank (30%) Hydrochloric Acid	15 m ³	PP FRP	NTP
2	Dilute HCl (10%)	10 m ³ x 2 nos.	PP FRP	NTP
3	Hydrogen Peroxide H2O2	10 m ³ x 2 nos.	PP	NTP
4	Polyelectrolyte Tank	10 m ³ x 2 nos.	PP FRP	NTP
5	Lime (in HDPE bags)	Chemical House	--	--
6	Raw Waste water Eq.- Tanks	32 x12.5 x2.5 mtrs	Acid Proof Lined	NTP
7	Raw Waste Water Eq.- Tanks for Ammo.N2	15.80 x 12.25 x 3 + 0.5 FB	Acid Proof Lined	NTP
7	Underground Water Tank	650 m3	RCC	--
8	Ferrous Sulphate Tanks	20 m3 x 2 nos.	HDPE	NTP
9	Polyelectrolyte Tank (Decanter)	20 m3 x 2 nos	HDPE	NTP
10	Tank- I & II for MAP	1.6 (dia) x 1.5 + 0.33 m	PP FRP	NTP
10	Flash Mixing Tank	2.2 x 2.2 x 2.5 Ht.	PP FRP	NTP
11	MAP crystal Tank	3.8 X 3.8 x 5.0	PP FRP	NTP
12	Primary Sand Filter	2.5(Dia.) x 3.0 Ht.	MS	NTP

Shift – wise manpower distribution.

Category	G	I	II	III	Total
Shift Timing (in hrs)	0900 to 1730 hrs	0700 to 1500 hrs	1500 to 2300 hrs	2300 to 0700 hrs	
Managerial	4	-	-	-	4
Staff	14	3	3	3	23
Contract Labor	08	17	17	17	59
Total	26	20	20	20	86



Defining an Emergency

An emergency can be defined as an “Occurrence of such magnitude so as to create a situation in which normal pattern of life within a facility is suddenly disrupted, adversely affecting not only the personnel and property within the facility, but also in its vicinity.”

Such an occurrence may result in On Site Implication like:

1. Fire and / or explosion
2. Leakage of toxic / corrosive chemicals
3. Electrical shocks and flash fires.

Incidents having Off Site origins can be:

1. Natural calamity like earthquake, cyclone etc
2. Air raids / marine attack
3. Crashing of aircraft's or flying objects

Other incidents which can also result in a disaster are :

1. Agitation / forced entry by external group of people
2. Sabotage

C H A P T E R – 3
C O N C E P T O F O P E R A T I O N S

Concept of operations deals with the possible steps associated with an emergency response assuming the most severe emergency scenario. This includes:

1. Accident initiation and rising of alarm
2. Accident evaluation and emergency declaration
3. Off Site and external agency/ neighbor Industry notification / Situation
4. Implementation of On Site response actions
5. Implementation of protective action and evacuations
6. Co – ordination of response actions with external agencies
7. Management of emergency resources
8. Recovery and facilitate re-entry procedures

First Action Plan

To identify an emergency at any location in the factory premises and to acknowledge the same to everybody present in the premises at that time, is known as FIRST ACTION PLAN.

1. A first person who observes an emergency viz. fire, short circuit, heavy leak or spill of / corrosive liquids. After observing the emergency, he will assess the same, the situation as to whether to alert everybody within the plant or in vicinity area. If the first observer is not able to assess the emergency, he will inform plant supervisor about the emergency.
2. After assessment, he will inform Security personnel at main gate by dialing internal telephone no. 112 & 113 or by approaching personally.
3. The security personnel at the main gate will receive the message and initiate the emergency siren (Bell). On hearing the siren (Bell), all employees within the premises will hear carefully to details of emergency.
4. The security personnel will announce the emergency on the public address system about (a) type of emergency (b) exact location of emergency (c) Severity of emergency if information available.
5. On hearing about location and type of emergency, all concern key personnel will stop their activity in a safe manner and move to their respective locations based on the duties described in the plan.

Siren (Bell) Codes

1. Declaration of Emergency: - A long short wailing siren (Bell) for one minute, will mean that these is an emergency within the premises.
2. All Clear Siren (Bell):- A long siren (Bell) for one minute will mean that the emergency declared is under control, i.e. all clear.

This siren (Bell) code will mean All Clear, normal condition. Hence this code will be used to test the siren (Bell) every week.

3. Evacuation: - A long short wailing siren (Bell) for 3 (three) minutes, will mean that emergency declared cannot be controlled. Hence all persons in the premises will evacuate as per the plan.

Communications

For controlling an emergency, communication system plays a vital role.

- (1) Within the premises
 1. Intercom
 2. Messengers
- (2) Outside agencies – Fire Service. Medical neighboring companies. Police. GPCB. Factory Inspector
 1. Telephone
 2. Mail

List of Telephone Nos of Key Persons

Sr. No.	Name / Location	Office Intercom	Office (P&T)	Mobile No.
1	Mr. Akhil karkhanis– Unit Head	103	252768	9825403247
2	Mr. Nimesh patel– Plant Head	131		8140649338
3	Dr.M P Shah –Micro Lab	110		9099965504
4	Mr. Jaysingh panwar – Mktg.	105		6359968968
5	Mr.Kamlesh Patel P & A	115		7874711817
6	Heena Shukla - Accourt	104		9909994990
7	Mr. Mohamad lakdawala -DG. Room	116		7984874962
8	Mr.A J Parekh Plant-Office	131		9909994921
9	Mr.N B Patel –Q.A	102/109		9909994980
10	Mr. Ashish Shah -Stores	108		9909994979
11	Security	112 &	253104	9909994998

		113		
12	Canteen	117		_____

List of External Agency Phone Nos.

Sr. No.	Agency	Contact No.	Purpose
1	FCT EPABX (ETL)	9909994998	
2	MR. Ashok Panjwani	9909994902	
3	MR. B.D. Dalwadi	9909994959	
4	DR. P.N. Parmeshwaran	9909994203	
5	MR. A.M. Darji	9825403247	
6	MR. N.B. Patel	9909994980	
7	MR. Jaysingh Panwar	6359968968	
8	MR. Ajay Parekh	9909994921	
9	MR. Ashish Gurjar	9913064336	
10	UPL Unit – 1	02646- 251249 / 251223	Fire Brigade
11	UPL Unit – 2	02646- 250563 / 250578	Fire Brigade
12	UPL Unit – 3	02646- 251189 / 250615	Fire Brigade
13	UPL Unit – 5	02646- 226011 / 226018	Fire Brigade
14	BEIL-Ankleshwar	02646- 253135 / 225228	Ambulance
15	Ankleshwar Industries Association	02646- 221000 / 222000	
16	Fire Station- Ankleshwar Nagrpalika	02646- 245101 / 247201	Fire Brigade
17	Fire station (GIDC-Ankleshwar)	02646- 224100 / 226101	Fire Brigade
18	DPMC Bharuch	02642- 241101	Fire Brigade
19	Police Station (GIDC)	02646- 225551	
20	GPCB Bharuch	02646- 228969 / 246333	
21	GPCB Ankleshwar	02646- 222933	
22	GPCB Head Office, Gandhinagar	079-23232152	
23	Narmada Clean Tech- NCT	02646- 645285 / 645635	
24	Factory Inspector, Bharuch	02642-240421 / 263272	
25	District Collector, Bharuch	02642-240600	
26	Labour Commissioner-Bharuch	02642- 242214 / 269073	
27	DGVCL- Ankleshwar	02646- 220451 / 220551	
28	DGVCL- Bharuch	02642- 255590	
29	Railway Station- Ankleshwar	02646- 255131	
30	Smt. Jayaben Modi Hospital Ambulance	02646- 222220 / 224550 02646- 250871 / 250659	Medical Aid
31	Dr. Mahesh Mistry	9825282789	Medical Aid
32	Dr. Pratik Patel – Orange Hospital Dr. Jigar Zariwala – Orange Hospital	02646- 232432 9016203390	Medical Aid

C H A P T E R – 4

D U T I E S O F K E Y P E R S O N N E L

Observer

Any person noticing a fire, leakage of chemicals or an unusual occurrence will contact the security personnel at main gate and Plant Supervisor by :

1. Giving a telephone message by dialing telephone no. 112 /113 on the intercom
2. Sending message through a messenger
3. Rush personally

While giving the message, he will:

1. Identify him self
2. State briefly type of emergency
3. Location of incident / accident
4. Severity of emergency

After giving message, he will return to the scene / area of emergency by taking all personnel protection measures, if possible and awaits instructions from Plant Supervisor (Incident Controller)

Security Officer / Security Supervisor

1. Receive message from the observer
2. Initiate the emergency siren to declare the emergency
3. Announce on the Public Address System
4. Arrange to close all the gates and stop traffic
5. Keep vehicle / ambulance ready and keep track of casualty sent to hospital during off hours
6. Ensure that unauthorized persons / vehicles do not enter the premises
7. Organize the positioning and transport of vehicles near the main gate
8. Depute security guard for controlling traffic at the scene of emergency
9. Call up for additional help from the outside agency like fire brigade, hospitals during off hours

Chief Controller

He will be CEO / Unit Heads or in his absence HOD (Plant)/HOD (Maintenance) / HOD (QA) will assume charged of Chief Controller.

If an emergency occurs during off hours i.e. before 0900 hrs or after 1730 hrs, the plant supervisor will be the Chief Controller till any one of the above designated Manager arrives at site and assumes overall charge of the situation. His task will be to co-ordinate all internal and external activities from the Emergency Control Centre at main Security Gate from where all operations will be directed. He shall:

1. Relieve the Incident Controller from responsible of the Main Controller
2. Co-ordinates to avail services from external agencies like fire brigade, hospitals etc, if called for, following the declaration of major emergency. If necessary, major installation in the vicinity may also be informed of the situation.
3. Exercise direct operational control of the unaffected section of the plant
4. In consultation with the advisory team, expedite the shutting down of loading / unloading operations of tankers and if necessary, instruct the supervisor / security personnel to evacuate tankers.
5. Ensure that all employees are evacuated from the affected area and the casualties, if any, are given necessary medical attention. Instruct Executive P & A / Security for rushing casualties to hospitals if required.
6. Liaise with fire and police officials, pollution control board officials and other statutory bodies and advise them of all possible consequence effects outside the premises.
7. Arrange for relief of personnel when emergency is prolonged
8. Issue authorized statement or press release to the news – media
9. Ensure preservation of evidence for enquiries to be conducted by statutory authorities.
10. Authorize the sounding of “All Clear” and “Evacuation Siren”
11. Arrange for obtaining the head – count of all personnel within the premises and cross – checking with the data from records available for no. of persons within the premises.
12. Nominate a person from advisory team, to maintain chronological log of event during the entire period of emergency.

Incident Controller

He is shift supervisor of the Plant. Assume the role of the Incident controller and take charge of the situation. Keep the chief Controller informed of the situation from time to time.

1. Proceed to the scene of emergency and assess the situation
2. Direct all operation within the affected area with the following priorities
 - a) Safety of personnel
 - b) Minimize damage to property and loss of material
 - c) Arrange for rescue of trapped workers and those in a state of shock
 - d) Get all non – essential persons safely evacuated after stopping all the engineering / hot jobs
 - e) Set up a communication system with the main control centre at the main security gate through telephone of messenger system.
 - f) Pending arrival of the main controller, direct the shutting down and evacuation of the site
 - g) Allot jobs to the emergency squad
 - h) Report all developments to the main controller
 - i) Preserve all evidence for use in the subsequent enquiry
 - j) Intimate to the Emergency Control Centre (Main Security Gate) the head count of plant.

Advisory Team

- | | | | |
|-----|---------------|---|--------------------|
| 1. | HOD | - | Plant |
| 2. | HOD | - | Maintenance |
| 3. | HOD | - | QA |
| 4. | HOD | - | Marketing |
| 5. | HOD | - | P & A |
| 6. | HOD | - | Accounts |
| 7. | Asst. Manager | - | Electrical |
| 8. | Sr. Executive | - | QA |
| 9. | Sr. Executive | - | Plant |
| 10. | Officer | - | Commercial (Store) |

Duties

1. All Advisory Team Members should assemble at Emergency Control Centre located at Main Security gate Office.
2. They will provide essential information to the Main controller on his demand
3. If the Main Controller does not require any advice from the team, he can delegate any other jobs which may be more important at the time of emergency

HOD – P & A

- a) Will conduct the head count of non – affected persons assembled at the assembly point which includes non – required plant personnel, QA chemists, visitors, Stores and accounts Canteen employees and other staff.
- b) He will tally the head count with the data available from records such as gate pass, attendance etc and report to Chief Controller
- c) He will liaise with necessary statutory authorities as per instruction of Chief Controller
- d) He will arrange for transportation and medical treatment at hospitals and keep track record of casualties

Emergency Squad

Plant Supervisor (Incident Controller)	-	1 no.
Laboratory Chemist	-	2 nos.
Shift Electrician (Contract Employee)	-	1 no.
Shift Fitter (Contract Employee)	-	1 no.
Contractors' Helpers (who are working in plant) -		6 nos

		11 nos.

1. After hearing the emergency siren and the information about the emergency on the Public Address System, they will assemble in front of Supervisor's cabin with proper Personal Protective Equipment, i.e. underneath the primary clarifier, before this they will give charge of their jobs as per their standard operating procedure / close down the job safely.
2. After assembling, they will act as per the instructions of the incident Controller i.e. the Plant Shift In charge / Supervisor.
3. After handling the emergency, they will be engaged in salvage and operations if required, otherwise in normal case, they will go back to the plant and resume the work.
4. During off hours, Plant Supervisor who is an Incident Controller becomes the Main Controller, in that case the Laboratory Chemist, takes charge as Incident controller.

Plant Employees

They shall:

1. on hearing the siren, report to Plant Supervisor
- 2, do as directed by Plant Supervisor
3. Stop all hot works
4. Remove unwanted persons from the affected area to the "Assembly Point" near Main Security Gate viz. Visitors, Guests.
5. Stop all non – essential operations

Non – Plant Employees

1. On hearing the siren, shall stop their work and assemble at "Assembly Point" near Main Security Gate along with Guests and Visitors.

CHAPTER – 5

E M E R G E N C Y P R O C E D U R E S

Emergency Handling Procedure

1. On hearing emergency declaration siren and announcement of Public Address System, all key persons will rush to their nominated locations and start actions as laid down in Chapter - 4
2. The Main Controller will continuously assess the situation by taking feedback from the incident Controller. He will consult the advisory team members to get essential information if required but if does not required to take help from advisory team; he can assign other jobs to advisory team.
3. Once the emergency is brought under control, Main Controller will inform to Security to give “ALL CLEAR” siren and announce on Public Address System about termination of emergency.

In case, the emergency assumes off site dimensions and cannot be controlled, then if the Chief Controller with his advisory team decides to evacuate the plant, he will instruct the Security to sound “EVACUATION SIREN”.

Procedure in case Emergency tends to have off site implications

1. As per the site plan and wind direction at the time of emergency, the likely affected area will be identified and population within will be estimated.
2. The Police will be informed so that in-coming traffic on highway can be controlled from both the ends. The Police force will be helpful in evacuation of villages, factories or other public places in the vicinity.
3. The fire brigade will be informed and ambulance will be called and kept ready to meet any eventuality.
4. Neighboring factories will be communicated for sending help
5. Statutory authorities such as Police, Factory Inspector, District Collector and other concerned to be intimated.

Procedure for salvage operations

The salvage operation will be carried out under the guidance of the Main Controller, his advisory team and Incident Controller.

They will conduct accident investigation, assess the damages / losses. Also they will chalk – out a detail procedure of salvage operations which will include the safety precautions and a time frame for completion of job to be carried out by emergency squad under the strict supervision of Main & Incident Controllers.

CHAPTER – 6

E M E R G E N C Y C A P A B I L I T I E S

The primary emergency response facilities comprise the following :

01 Emergency Control Centre

Upon declaration of emergency, the Main Security Gate Office will become the Emergency Control Centre (ECC). The ECC is located in a low / minimal risk zone of the plant. It is manned round – the – clock by Security Supervisors.

During emergency, it will be manned by the Chief Controller and his advisory team.

The ECC has a D. G. backup power supply. It has following facilities:

1. Master plan of Facility and 5 kms surrounding area – displayed on wall
2. Layout of facility, equipment and storages, displayed on table and wall
3. Availability and location of firefighting equipment and material
4. Layout of fire extinguishers, indicating their type and numbers
5. First aid box
6. Availability and location of Personal Protective Equipment
7. Self – contained Breathing Apparatus sets and the spare cylinders
8. External telephone with direct dialing and STD facilities
9. Internal telephone
10. List of important internal and external telephone numbers displayed on table and wall
11. Stretches
12. Transport Facility
13. Extra copies of Plant Layout for marking during emergency
14. Telephone directory both local and surrounding district
15. General stationary like paper, pencil etc
16. Nominal roll and address of all employees with contract telephone nos. and blood Group.
17. List of first aiders and emergency squad members

18. Details of all contractors and their employees
19. Details of meteorological information during different seasons such as wind speed, direction, temperature, humidity etc.

The location of ECC, Assembly Points, availability of first aid boxes, fire extinguishers, PPE should be marked on site plan

List of Fire Extinguishers

Sr. No.	Location	Type	Capacity
1	Lab QC	DCP	10 Kgs
2	Office Administration Building	DCP	10 Kgs
3	DG Room	DCP	10 Kgs
4	MCC-1 (Electrical)	DCP	10 Kgs
5	Transformers Area	CO2	22.5 Kgs
6	Maintenance Store Room	DCP	10 Kgs
7	MCC -2 (Electrical)	DCP	10 Kgs
8	Security Gate	DCP	10 Kgs.
9	Carbon bed Area	DCP	10 Kgs.
10	Decanter	DCP	10 Kgs.
11	Pilot plan R & D Plant	CO2	4.5 Kgs.
12	MCC- 3 (Electrical) New primary	CO2	4.5Kgs.
13	MCC– 2(Electrical)	CO2	4.5 Kgs.
14	MCC-1 Elect.	CO2	9Kgs.
15	MAP crystal Tank(Old RVDF shed)	DCP	10 Kgs.
16	Sewage Pumping station	DCP	10Kgs.
17	Nr Control room	DCP	06 Kgs
18	Nr. Store	DCP	06 Kgs
19	Switchyard	CO2	09 Kgs
20	VCB ROOM	CO2	09Kgs
21	PMCC ROOM	CO2	09KG
22	TRANSFORMER -H.T. YARD	CO2	22.5KG
23	NEW VFD ROOM F/F	CO2	4.5KG
24	Decanter -A & B Panel	CO2 flooding system	2.0 kgs(2 nos.)
25	PDB panel (MCC-1)	CO2 flooding system	2.0 kgs (1 no.)
26	MCC-6	CO2 flooding system	6.5 kgs (1 no.)

DCP = Dry Chemical Powder, type of Fire Extinguishers

Maintaining Emergency Response Capabilities

In order to ensure a prompt and professional emergency response capability, facility personnel are required to be knowledgeable of the possibility of various emergencies and emergency actions.

Training and Education

Regular training should be provided to all personnel who have a role in planning and operational response to an emergency so as :

1. To familiarize them with the contents and manner of implementation of ERO and its procedures.
2. To maintain a high degree of preparedness at all levels of the emergency response organization
3. To train new employees
4. Update and modify the plan on the basis of experience acquired through exercise and drills.

The plan needs to be reviewed year, for validity of contents and lacunas in the plan noticed during mock drills.

Planning of Mock Drill

TYPE OF EMERGENCY:

Fire / Leakage of Chemicals /Electrical Shock :

(1) Objectives of Mock Drill :

(2) Accident initiation: Applicable or Not Applicable

(3) Raising of alarm, siren or bell : Yes / No

(4) Onsite communication: Yes / No

(5) Offsite communication: Yes / No

(6) Implementation of response / mitigation action : Yes / No

(7) Whether evacuation, protective action required : Yes / No

(8) Coordination with external agency required: Yes / No

(9) Evaluation of Mock Drill and report submission

Report sign by EHS Coordinator

SELF BREATHING APPRATUS

Sr. No.	Location	Type	Capacity
1	Plant control room	SBA	45 Min.

SAFETY SHOWERS

Sr. No.	Location
1	Laboratory
2	Under (Old) RVDF staircase
3	Chlorine Shed
4	Near Equalization tank-4

FIRST AID BOX

Sr. No.	Location
1	Laboratory
2	Security office
3	D G Room

List of first aiders

- (1) Mr.A.J.PAREKH
- (2) Mr.NIMESH PATEL
- (3) Mr.ASHISH SHAH
- (4) Mr. D I PATEL
- (5) Mr. RAHUL PATEL
- (6) Mr. KAMLESH PATEL
- (7) Ms. NIMITA SUTARIYA

- (8) Mr. DEVYANG PATEL
- (9) Mr. JANAK PATEL
- (10) Mr. PARAS PATEL
- (11) Mr. MAHIPAL KOSADA
- (12) Mr. VINOD PARMAR

O/c copy



ENVIRO TECHNOLOGY LIMITED

Reference No.: ETL/ANK/01/2024/859
GPCB ID: 15074

Date: 16th ~~December~~ ^{January}, 2024

To,
The Unit Head
Hazardous waste cell
Paryavaran Bhavan
Sector-10-A, Gandhinagar
382010

Subject: Compliance of condition 3.6.51 of CC&A No. AWH-113210 dated 07.08.21, with respect to information regarding change of Board of Directors.

Reference: CC&A No. AWH-113210 dated 07.08.21 and valid up to 18.03.24.

Respected Sir,

As mentioned in the general condition (3.6.51) of the above referred CC&A, we need to inform GPCB in case of change of owners/ partners/ directors/ proprietors. In this regard, we hereby inform that there is a change in our Directors and thus the latest Director's list is attached for your ready reference. We have uploaded the same on XGN.

This is for your kind information please.

Thanking You,
Yours faithfully,

For, Enviro Technology Ltd


Authorized Signatory

cc & A

India Post
Counter No. 23/01/2024, 10:57
To: THE UNIT HEAD,
P/O: 382010, Gandhinagar (Gujarat) HQ
From: ENVIRO TECHNOLOGY LTD.
Wt: 20gms
Amt: ₹ 4.30 (Cash) / ₹ 5.30
<Track on www.indiapost.gov.in>

C.C: Regional Officer- GPCB- Ankleshwar

RECEIVED
G. P. C. Board
R. O. Ankleshwar
Date: 25/12/24

CIN NO. : U72200GJ1994PLC023786
Works Office : 2413/2414 & 2211, GIDC Estate, Ankleshwar - 393 002 Dist. : Bharuch (Gujarat)
Phone : (02646) 223569, 252768, 250707
Email : dalwadibd@bell.co.in, darjiam@bell.co.in
Reg. Office : 9701-16, GIDC Estate, Ankleshwar - 393 002 Dist. : Bharuch (Gujarat)

**LIST OF DIRECTORS' OF ENVIRO TECHNOLOGY LIMITED**

SR. NO.	NAME OF DIRECTOR	DIN	ADDRESS	DESIGNATION	DATE OF APPOINTMENT
1	RAJNIKANT DEVIDAS SHROFF	00180810	UPL LTD, "UNIPHOS HOUSE", MADHU PARK, 11TH ROAD, KHAR (WEST), MUMBAI, MAHARASTHRA.	DIRECTOR	07/12/1994
2	SANDRA RAJNIKANT SHROFF	00189012	UPL LTD, "UNIPHOS HOUSE", MADHU PARK, 11TH ROAD, KHAR (WEST), MUMBAI, MAHARASTHRA.	DIRECTOR	07/12/1994
3	ARUN CHANDRASEN ASHAR	00192088	UPL LTD, "UNIPHOS HOUSE", MADHU PARK, 11TH ROAD, KHAR (WEST), MUMBAI, MAHARASTHRA.	DIRECTOR	23/03/2004
4	ASHOK AMARLAL PANJWANI	00200220	BEIL INFRASTRUCTURE LTD. PLOT NO.9701-9716, GIDC, ANKLESHWAR - 393 002, GUJARAT.	DIRECTOR	06/05/1996
5	PRABODHKUMAR BHAILALBHAI PATEL	02790654	PLOT NO. 72, JAY BUNGLOW, NR MANAV MANDIR GIDC ANKLESHWAR 393002, GUJARAT.	DIRECTOR	13/05/2015
6	RASHMIKANT NATWARLAL SHUKLA	06468013	PLOT NO 1329/1, SECTOR NO - 7/D, GANDHINAGAR GANDHINAGAR 382007, GUJARAT.	DIRECTOR	29/12/2012
7	VIMALKUMAR GOPALDAS GANDHI	07950427	9, SHRIJIDARSHAN SOCIETY, NEAR SWAMI NARAYAN VIDHYALAY, NADIAD, GUJARAT.	INDEPENDENT DIRECTOR	26/09/2017
8	SACHIN PRAKASHBHAI PARIKH	07957074	23, GALAXY APARTMENT RACECOURSE ROAD, GALAXY- CINEMA, RACECOURSE RAJKOT, GUJARAT.	INDEPENDENT DIRECTOR	05/10/2017
9	VIPULBHAI VALLABHBHAI GAJERA	00030338	402/8/B ALKAPURI SOCIETY GIDC ESTATE ANKLESHWAR BHARUCH 390001 GUJARAT.	DIRECTOR	13/12/2018
10	JIGAR BHARATBHAI DAVE	08863860	E/223, SHASTRI NAGAR, NANA MAHUA MAIN ROAD, RAJKOT, GUJARAT 360004	NOMINEE DIRECTOR	08/09/2020
11	JASUBHAI CHAUDHARY	07723599	HOUSING PLOT NO. 760 "SHREE ARBUDA NIWAS" B/H SARDAR PATEL PRIMARY SCHOOL, ANKLESHWAR, GUJARAT 393002	ADDITIONAL DIRECTOR	29/08/2022

DATE : 09/12/2023

PLACE : ANKLESHWAR, GUJARAT.



CIN NO. :

U72200GJ1994PLC023786

Works Office :

2413/2414 & 2211, GIDC Estate, Ankleshwar - 393 002 Dist. : Bharuch (Gujarat)

Phone : (02646) 223569, 252768, 250707

Email : dalwadibd@beil.co.in, darjam@beil.co.in

Reg. Office :

9701-16, GIDC Estate, Ankleshwar - 393 002 Dist. : Bharuch (Gujarat)

શ્રીરામ સ્ટો

India Post

8271948189543
R0948189543
RL ANKLESHWAR IE SO <393002>
Counter No:1,16/01/2020,14:37
To:DR HVC CHARY GUNTAPALLI,BHOPAL
PIN:462016, R.S.Nagar S.O
From:DHARUCH ENVIRO-INFRA,GIDC
Wt:55gms
Amt:35.00(Cash)
<Track on www.indiapost.gov.in>

ENVIRO TECHNOLOGY LIMITED

Date: 11.01.2020
PCB ID: 15074

To,
Dr H V C Chary Guntapalli, Scientist D
Ministry of Environment, Forest & Climate Change
Western Region Office,
Kendriya Paryavaran Bhavan,
Link Road No.3, E-5 Ravishankar Nagar
Bhopal-462016

Sub: Compliance of newspaper advertisement for the Ec No. 10-82/2018-IA-III dated 16th December,2019.

Ref: Environmental Clearance F. No. 10-82/2018-IA-III dated 16th December,2019.

Dear Sir,

With Reference to the aforesaid Environmental Clearance F. No. 10-82/2018-IA-III dated 16th December, 2019, has been received on 25-December-2019 for proposed expansion with modification of xisting common effluent treatment plant of M/s Enviro Technology limited (ETL), Ankleshwar.

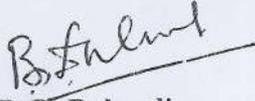
As mentioned in the EC condition No. X (i), Ec receipt has to be published in newspaper within 7 days from the date of receipt of the clearance letter in at least two local newspapers.

We would like to inform that we have published in English (Times of India) on 01st January, 2020 and a vernacular language, Gujarati (Divya Bhaskar) Newspapers on 31st December, 2019.

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

Thanking you,

Yours Faithfully,
For, Enviro Technology Limited


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


18/01/2020
Gujarat Pollution Control Board
Head Office
Sector No. 10-A,
Gandhinagar-382010

Received
Gujarat Pollution Control Board
R.O Ankleshwar
16/1/2020

CIN NO. : U72200GJ1994PLC023786
Works Office : 2413/2414 & 2211, GIDC Estate, Ankleshwar - 393 002 Dist. : Bharuch (Gujarat)
Phone : (02646) 223569,252768 Fax : (02646) 250707
Email : dalwadibd@beil.co.in, darjiam@beil.co.in
Reg. Office : 970146, GIDC Estate, Ankleshwar - 393 002 Dist. : Bharuch (Gujarat)

સેપીઓકના મૂલ્યાંકન માટે મોનીટરીંગ ટીમ આગામી મહિને આવી રહી છે. પૂર્વે જ એન.સી.ટીનું ઈનલેટ-આઉટ લેટની માત્ર વધુ આવતા દોડધામ મચી છે. છેલ્લા 2 મહિના ઈન-આઉટ ડેટા પરિણામ બગાડ્યા છે. પર્યાવરણવાદી દ્વારા ઉચ્ચસ્તરીય રજૂઆત કરી છે. એનસીટીમાં નિયત માત્રા કરતા વધુ સ્વજ સંગ્રહ દુર્ગંધ ફેલાતા આજુબાજુ

કાઈનલ એફલુએન્ટ ટ્રીટમેન્ટ પ્લાન્ટ (NCT) જીપીસીબી ના માપ દંડો મુજબ કામના કરતા ચિંતામાં વધારો જાવા મળી રહ્યો છે. અંકલેશ્વર, પાનોલી અને ઝગડિયા વિસ્તારમાં આવેલા ઓદ્યોગિક એકમોના ગંદા પાણીને શુદ્ધ કરી દરિયા સુધી લઈ જવાનું કાર્ય NCT દ્વારા થાય છે. જે છેલ્લા 2 મહિના થી માપ દંડો

(આદ્યાગક વસ્ત) નિર્ધારિત માત્રા થી વધુ જમા થયેલ છે જેનાથી પીરામણ અને અંકલેશ્વર સહિત આસપાસ ના વિસ્તારોમાં દુર્ગંધ ફેલાઈ રહી છે અને હવાના આ પ્રદુષણને લીધે આસપાસ આવેલ માનવ વસાહતોની પ્રજાના સ્વસ્થા પર ગંભીર અસરો ઉભી થઈ રહી છે. સ્થાનિક પ્રકૃતિ સુરક્ષા મંડળ દ્વારા આ અંગે જીપીસીબીમાં લેખિત ફરિયાદ કરી છે. ફાઈનલ એફલુએન્ટ

બે મહિના થી જીપીસીબીએ નિર્ધારિત કરેલ માપદંડો મુજબ કાર્ય કરતું નથી જેમાં મુખ્યત્વે કેમિકલ ઓક્સીજન ડીમાંડ (COD) અને એમોનીકલ નાઈટ્રેટ (NH3-N) ટ્રીટમેન્ટ થયા પછી પણ તેના નિયત માત્રા થી વધુ NCT ના આઉટ લેટ માં નોંધવામાં આવેલ છે. અને આ પાઈપલાઈન દ્વારા કંટીયાજાળના દરિયા સુધી જાય છે.

જાતાં તસ્કરો વીલા મોઢે પરત ફર્યા રિ-હર કોમ્પ્લેક્ષના મે નિશાન બનાવ્યા

પુષ્પકુંજ હરિ-હર કોમ્પ્લેક્ષના મકાન નંબર-39, 40માં હેમંતસિંહ ફરિપ્રસાદ ઠાકોરનાઓ રહે છે. પાનિવાર તેમના બંધ બે મકાનોને યાત્રી દરમિયાન તસ્કરોએ નિશાન મનાવી મકાનના દરવાજાના નકુચા ઠોડી મકાનમાં પ્રવેશ કર્યો હતો. તસ્કરોએ મકાનમાં મુકેલી તિજોરી મહીત કબાટો પોલીને સમાનને મસ્તવ્યસ્ત કરી નાખ્યો હતો. જોકે

તસ્કરોને કોઈ પણ કિંમતી ચીજ વસ્તુ હાથ નહિ લાગતા માત્ર 5 જેટલી સાડીઓ લઈને પલાયન થઈ ગયા હતા. બનાવની જાણ થતાં જ પરિવારે મકાનમાં તપાસ કરતા સાડી સિવાય કોઈ પણ વસ્તુ નહીં ગઈ હોવાથી રાહતનો શ્વાસ લીધો હતો. સી ડિવિઝન પોલીસે તસ્કરોને ઝડપી પાડવાના ચક્રોગતિમાન કર્યા છે.

ઓને સેલ્ફ ડિક્લેન્સની તાલીમ આપી અને મેગા ડેમોન્સ્ટ્રેશન 2000 યુવતીઓએ શક્તિનું પ્રદર્શન કર્યું



ભરૂચના હોસ્ટેલ ગ્રાઉન્ડ ખાતે સ્કૂલ, કોલેજની વિદ્યાર્થીનીઓ માટે એ.બી.વી.પી દ્વારા મિશન સાહસીનું આયોજન કરાયું હતું. • સંજય પટેલ

6 હજાર ઉપરાંતનો ઈંગ્લિશ દારૂ જપ્ત કર્યો અંકલેશ્વર GIDCમાં પાનના ગલ્લામાંથી દારૂ ઝડપાયો LCBએ ચામુંડા પાન કોર્નરમાં દારૂ ઝડપી પાડ્યો

અંકલેશ્વર જીઆઈડીસી પાનના ગલ્લા માંથી ઈંગ્લીશ દારૂ એલ.સી. બી ઝડપી પાડ્યો હતો. 31 ડિસેમ્બર પૂર્વે પોલીસ ચેકીંગ દરમિયાન જી.આઈ. એલ.ચોકડી પર ચામુંડા પાન કોર્નરમાં દારૂ મળી આવ્યો હતો. 6 હજાર ઉપરાંતનો ઈંગ્લીશ દારૂ જપ્ત કર્યો હતો. તેમજ પાનના ગલ્લા સંચાલક ધરપકડ કરી હતી. અંકલેશ્વર પોલીસ દ્વારા 31 ડિસેમ્બરની ઉજાણીને લઈ ઈંગ્લીશ દારૂનો જથ્થો

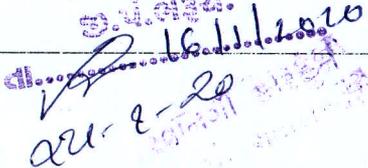
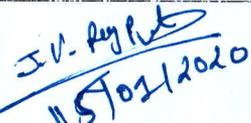
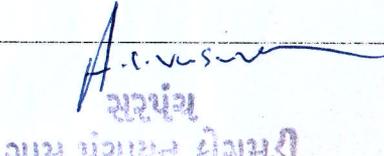
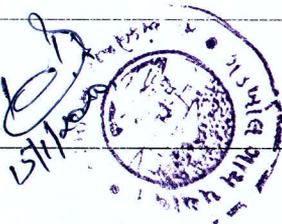


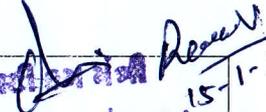
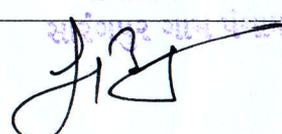
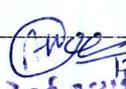
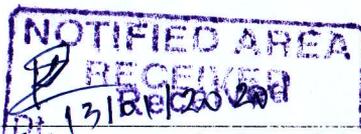
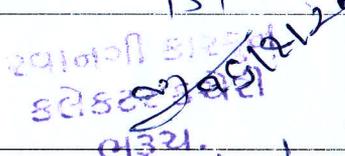
ઝડપી પાડવાની ક્વાયત હાથ ધરી હતી. દરમિયાન ભરૂચ એલસીબી પોલીસ દ્વારા ચોક્કસ માતમી આધારે જી.આઈ.એલ. ચોકડી શાકમાર્કેટ પાસે ચામુંડા પાન કોર્નર પર સર્ચ કરતા અંદર થી ઈંગ્લીશદારૂ નો જથ્થો મળી આવ્યો હતો. પોલીસે વિવિધ બ્રાન્ડની ઈંગ્લીશ દારૂ બોટલ જપ્ત કરી હતી. તેમજ પાનના ગલ્લા સંચાલક જીતેન્દ્ર ઈશ્વર ચાવડાની ધરપકડ કરી હતી.

કેનેડા-ઓસ્ટ્રેલિયા
3 વર્ષ વર્ક પશ્ચીટ(ર લાખ પગાર)
અમેરીકા
૧૦ વર્ષના વિઝીટર વિઝા
૮૧૪૦૯૫૫૯૨૦

જાહેર સુચના
પર્યાવરણીય મંજૂરી
આ સાર્થે જણાવવામાં આવે છે કે, મિનિસ્ટ્ર ઓફ એન્વાયરોમેન્ટ, ફોરેસ્ટ એન્ડ ક્લાયમેટ યેન્ચ(1A, III section) ઇન્ડિયા પર્યાવરણ ભવન, નોર બાગ રોડ, નવી દિલ્હી-૩, દ્વારા એનવીરો ટેકનોલોજી લિમિટેડ, પ્લોટ નં.૨૨૧૩/૨૪૧૪ & ૨૨૧૧, જી.આઈ.ડી.સી. ઇન્ડસ્ટ્રીયલ ઈસ્ટેટ, અંકલેશ્વર-૩૯૩૦૦૨ (ગુજરાત) ખાતે હાલનાં કોમનએફલુએન્ટ ટ્રીટમેન્ટ પ્લાન્ટ માં ફેરફાર સાથે સુચીત વધારો કરવા માટેની પર્યાવરણીય મંજૂરી ક્રમાંક નં. F. NO. 10-82/2018-IA-III તારીખ ૧૭-૧૨-૨૦૧૯ દ્વારા ઈ.આઈ.એ.નોટીફિકેશન તારીખ ૧૪ સપ્ટેમ્બર ૨૦૦૬ નોગવાઈ ફેઝન આપેલ છે, જે અમને તારીખ ૨૬-૧૨-૨૦૧૯ ના રોજ મળેલ છે. ક્લીયરન્સ ધરાવતી નકલ મિનિસ્ટ્ર ઓફ એન્વાયરોમેન્ટ, ફોરેસ્ટ એન્ડ ક્લાયમેટ યેન્ચ ની વેબસાઈટ ઉપર ઉપલબ્ધ છે.
બી.ડી.દલવાડી
(ચીફ એક્ઝીક્યુટીવ ઓફીસર)
તા.૩૦-૧૨-૨૦૧૯

**Environment Clearance for proposed expansion with modification of CETP – ETL
Ankleshwar**

Sr. No.	Address	Sign
1	Jilla Panchayat office, Bharuch	
2	Taluka Panchayat Office Ankleshwar	
3	Taluka Panchayat Office Jhagadia	
4	The Sarpanch Gram Panchayat – Dadhal	
5	The Sarpanch Gram Panchayat – Kosambdi	
6	The Sarpanch Gram Panchayat – Kapodara	
7	The Sarpanch Gram Panchayat – Bhadkodara	
8	The Sarpanch Gram Panchayat – Andada	
9	The Sarpanch Gram Panchayat – Jitali	
10	The Sarpanch Gram Panchayat – Gadkhoi	

11	The Sarpanch Gram Panchayat – Piraman, Piraman, Ankleshwar	 15-1-2020 પીરામણ ગ્રામ પંચાયત તા. અંકલેશ્વર, જિ. ભરૂચ
12	The Sarpanch Gram Panchayat – Sarangpur	 સરંગપુર ગ્રામ પંચાયત તા. અંકલેશ્વર, જિ. ભરૂચ
13	Mr. Yogesh P. Panua Safety Health and Environment Association	 Bharuch
14	Mr. Jayesh Patel Centre For Environment Science and Community,	
15	Manish Rana Paryavaran Mitra	
16	Ankleshwar Nagar Palika,	 15-1-2020 અંકલેશ્વર નગર પેલા સદન
17	Notified Area Office, Ankieshwar	
18	Notified Area Office, Panoli	Date:- 15/1/2020 Notified Area Office GIDC, Panoli.
19	Notified Area Office, Jhagadia	 15/1/20
20	Collector District Collector office, Bharuch	 15/1/20
21	The principle, Footwear Design & Development Institute	
22	The Principle, Pioneer School, Jitali	I/C Belim MS. આચાર્ય શ્રી



પાયોનિઅર માધ્યમિક અને
ઉચ્ચતર માધ્યમિક શાળા
જિતાલી તા. અંકલેશ્વર જિ. ભરૂચ

23	The Principle, P. S School, Jitali	<i>E/C</i> <i>12/11/20</i> <i>12/11/20</i>
24	The Principle Shree Gattu Vidyalaya, Ankleshwar	<i>P</i> PRINCIPAL SHREE GATTU VIDYALAYA ANKLESHWAR
25	The Principle, Smt Puspavati Devidas Shroff Sanskardeep Vidhyalaya Ankleshwar	<i>P</i> SHROFF SMT. PUSPAVATI DEVIDAS 2019 13/11/2020 98530950076
26	The Principle Lions International Academy, Ankleshwar	<i>D</i> 13/11/2020 98530950076
27	The Principle Lion School Ankleshwar	<i>R. D. Jayar</i>
28	The Principle, Chandrabala Modi, academy, Ankleshwar	<i>Symul</i> 15/11/2020 PRINCIPAL CHANDERBALA MODI ACADEMY P.O. KONDR, VALIA ROAD, ANKLESHWAR - 390 001 DIST. BHARUCH (GUJARAT)
29	The Principle, R.B.L.P.S School, Ankleshwar	
30	Dr. A. K. Patel Ankleshwar	<i>Shrikant K. H</i> 02646-246535
31	Dr. Mahesh Mistry Ankleshwar	<i>[Signature]</i>
32	Administration office, ESIC Hospital	<i>Soni</i> 15/11/2020
33	Smt. Jayaben Modi Hospital	<i>Soni</i> 13/11/20



OIC copy

ENVIRO TECHNOLOGY LIMITED

Ref: ETL/ANK/JUNE/2024/253
GPCB ID: 15074

Date: 15th June 2024

To,
The Member Secretary
Gujarat Pollution Control Board
Paryavaran Bhavan
Sector - 10 / A,
Gandhinagar

Sub: Environmental Statement for the year 2023-24

Dear Sir,

We are forwarding herewith an Environmental Statement (Form V) for our Common Effluent Treatment Plant situated at Plot No.2413 / 2414 & 2211 G.I.D.C., Ankleshwar - 393 002, Dist. Bharuch, for the year 2023-2024. The treated effluent is being sent to FETP of NCT for further treatment and disposal.

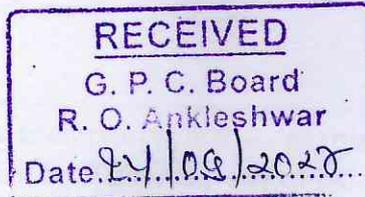
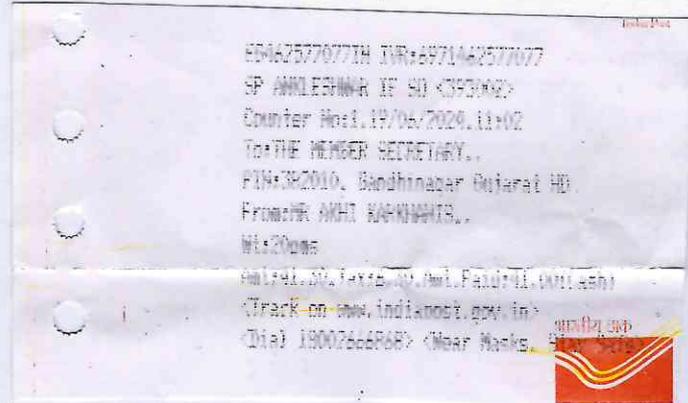
Thanking you.

Yours faithfully,

For, Enviro Technology Ltd


A. P. Karkhanis
(Unit Head)

CC: The Regional Officer, GPCB, Ankleshwar



CIN NO. : U72200GJ1994PLC023786
Works Office : 2413/2414 & 2211, GIDC Estate, Ankleshwar - 393 002 Dist. : Bharuch (Gujarat)
Phone : (02646) 223569, 252768, 250707
Email : dalwadibd@beil.co.in, darjiam@beil.co.in
Reg. Office : 9701-16, GIDC Estate, Ankleshwar - 393 002 Dist. : Bharuch (Gujarat)

ENVIRONMENTAL STATEMENT

PART - A

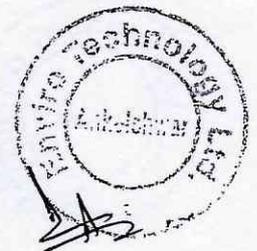
01	Name and address of the owner / occupier of the industry / operation or process		Director – Mr. Ashok Panjwani Unit Head – Mr. A. P. Karkhanis
			Enviro Technology Ltd. 2413 – 2414, & 2211 GIDC Estate Ankleshwar – 393 002
02	Industry Category	Primary – STC Code	
		Secondary – SIC Code	
03	Production capacity	Units	Not applicable, it is a Common Effluent Treatment Plant
04	Year of establishment		1997
05	Date of the last Environmental Statement submitted		30 th June, 2023

PART - B

Water and Raw material Consumption

01	Water Consumption	≈ 66.30 m ³ / day	Water is consumed for Di sodium Hydrogen phosphate & Magnesium chloride solution preparation, Primary & Tertiary Sand Filter & Activated Carbon Filter Backwash, Bioaugmentation and domestic purpose.
	Process	28.99 m ³ / Day	
	Cooling	17.32 m ³ / Day	
	Domestic	19.99 m ³ / day	

Sr. No.	Name of Products (*)	Process Water Consumption per unit of product output	
		During the previous financial year	During the current financial year
1.	There is no manufacturing activity as this is a Common Effluent Treatment Plant. Our design capacity is to treat 2200 m ³ / day of Industrial effluent.		
(*)	Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries must name the raw material used.		



02: Raw Material Consumption

Sr. No.	Name of Products (*)	Consumption of raw material (In Kgs)	
		During the current financial year 2022 -2023	During the current financial year 2023 -2024
1.	Hy. Lime	542619.60	544093.90
2.	Hydrogen Peroxide	667	200
3.	Ferrous Sulphate (Solid)	2370	0
4.	Deforming Agent	2440	2039
5.	Polyelectrolyte (Type - 2)	3220.5	108
6.	Phosphoric Acid	28775.28	7025
7.	Magnesium Salt	45626	9837
8.	Sodium Salt	13300	5334.82
9.	Sodium Tri-poly Phosphate (STPP)	2080	1612
10.	Poly Aluminum Chloride (PAC)	4045	4400
11.	Deformer (Silicon Base Fin-18)	39450	54760
12.	C.S. Lye (30%)	53512.78	449315.40

PART - C

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

Sr, No.	Pollutants	Quantity of pollutants discharged. (mass / day)		Concentrations of pollutants in discharges (mass / volume)	Percentage of variation from prescribed Standards with reasons
a	Water	COD	2068.10 Kg/ day	868 mg/l	-13.2%
		BOD	17.34 Kg/day	7 mg/l	-96.5%
		Ammonical Nitrogen	106.00 Kg/day	45 mg/l	-10%
b	Air	All parameters specified in consent for D.G.set stack & ambient air are within limit.			



PART – D
HAZARDOUS WASTE

(as specified under Hazardous Wastes [Management Handling & Trans – boundary Movement] Rules, 2008)

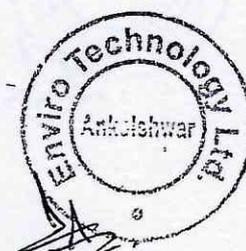
Hazardous Wastes		Total Quantity	
		During the previous financial year-22-23	During the current financial year-23-24
Category	Hazardous waste		
A) From Process			
35.3	Chemical Sludge from wastewater treatment	4578.945 MT	3592.600 MT
33.1	Discarded Containers	270 Nos.	0 Nos.
5.1	Used Oil	197 Liters	187 Liters
B) From Pollution Control Facilities			
Nil			

PART – E
SOLID WASTE

Hazardous Wastes		Total Quantity in M ³ /MT	
		During the current financial year 2022-2023	During the current financial year 2023-2024
a	From Process	NIL	NIL
b	From pollution control facilities (generation)	NIL	NIL

PART – F

- Please specify the characteristics (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practices adopted for both these categories of wastes.
- The major source of solid waste generation in the CETP is from primary treatment & MAP treatment of effluent from the member industries. The sludge generated is dewatered with the help of a super decanter.
- ETP sludge is disposed to the Centralized Secured Landfill Facility at BEIL-Ankleshwar.



PART – G

- Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.
- CETP was started to sort out the environmental problems faced by industries especially small-scale industries in this region. With commissioning and operation of the CETP, the waste disposal problem of member industries has been solved.
- As suggested by NEERI, we are adding Sewage to secondary treatment which helps better reduction of organics.
- The treated effluent is sent to FETP of NCT for further treatment and disposal up to deep sea through closed pipeline system. ETL is making payment of approximately Rs.55.75 Lacs per month to NCT for further treatment and disposal of the treated effluent.
- Under the guidance of IIT Mumbai & Kanpur improved the performance of the CETP including bio-augmentation by implementing new ASP + MLE system.
- With the segregation and treatment of effluent for removal of Ammonical Nitrogen with physico chemical treatment, the Ammonical Nitrogen at the CETP outlet is maintained 25 to 45 mg/l consistently.
- Implemented ASP + MLE system in biological process.

PART – H

- Addition measures / investment proposal for environmental protection including abatement of pollution, prevention of pollution.
- The sludge generated will be disposed of at the secured landfill of BEIL and Monthly expenditure will be approx. Rs. 10.30 Lacs.
- Engaged IIT (Kanpur + Mumbai) for further studies to reduce refractory COD & Improve CETP performance. Approximately Rs 64.6 Lacs is spent on the studies.
- We have Installed TOC/TN Meter at a cost of Rs 35 Lacs in November- 2012 & Connected to GPCB XGN.
- ETL has sponsored a project on "Electro Chemical Oxidation "studies with Engg. College, SRICT. Annual expenditure Rs. 6 lacks.
- We are displaying COD/BOD/pH/TSS & Flow on vendor's server by which real time monitoring by GPCB/CPCB.



PART - I

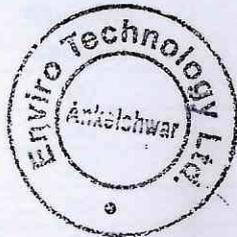
Any other particulars for improving the quality of the environment.

- 1 Display of information with respect to operation, at the front of the Company, for the public
- 2 Students / Community are permitted to visit the CETP. Required guidance are given to the students who are doing Environmental Courses
- 3 Tree plantation is taken up as an important activity.
- 4 ETL has integrated system for ISO 14001:2015 & ISO 45001:2018.
- 5 ETL Laboratory has got NABL accreditation as per ISO 17025:2005.
- 6 Microbiological laboratory is set up and is in operation.
- 7 Treatability studies are conducted, and it is an on-going activity.
- 8 21.5 % reduction in sludge generation compared to previous year by process modification & optimization.
- 9 GPS System installed on tankers and helps in tracking.
- 10 Manifest system for transporting effluent from member industry to ETL.
- 11 Studies are conducted through IIT Kanpur / Mumbai for improving performance.
- 12 Electrochemical oxidation studies are carried out through SRICT Ankleshwar

For, Enviro Technology Limited



A.P.Karkhanis
Unit Head



Date: 15.06.2024

Place :- Ankleshwar

ENVIRO TECHNOLOGY LTD., ANKLESHWAR

EFFLUENT RECEIPT DATA APRIL-2023 TO MARCH-2024

Month	Total No. of Tankers received	Average COD ppm	Average NH4-N ppm
April 2023	4196	4035	86
May 2023	4246	4039	82
June 2023	4296	3798	68
July 2023	4816	3261	91
August 2023	4836	3480	80
September 2023	4757	3498	71
October 2023	5129	3592	64
November 2023	4054	3814	70
December 2023	4789	3892	59
January 2024	4302	4276	67
February 2024	5086	4154	69
March 2024	5122	4304	67

HAZARDOUS WASTE DETAILS (CTP SLUDGE) ALL QTY. IN KGS

Month	Opening Balance	Generation	Dispatched to BEIL for Landfilling	Closing Balance
April 2023	00	204550	204550	00
May 2023	00	224320	224320	00
June 2023	00	272200	272200	00
July 2023	00	247230	247230	00
August 2023	00	299440	299440	00
September 2023	00	295270	295270	00
October 2023	00	355650	355650	00
November 2023	00	245660	245660	00
December 2023	00	421010	421010	00
January 2024	00	357690	357690	00
February 2024	00	344110	344110	00
March 2024	00	325470	325470	00
Total		3592600	3592600	



SLUDGE ANALYSIS REPORT

Sr. No.	Parameters	Unit	Result	Method Ref.
ETP SLUDGE ANALYSIS				
1	CaSO ₄	%	6.05	IS-4256
2	CaCO ₃	%	73.29	IS 2720: Part 23
3	LOD at 105 °C	%	51.03	APHA 2540 B
4	Total Inorganic Solids	%	96.81	APHA 2540-G
ETP SLUDGE 10 % LEACHATE ANALYSIS				
5	Total Acidity	mg/L	NIL	APHA 2310-B
6	Total Alkalinity	mg/L	783	APHA 2320-B
7	COD	mg/L	604	APHA 5220-B
8	Oil % Oil emulsion	mg/L	2.68	APHA 5520 - B
9	Cyanide	mg/L	BDL	APHA 4500-CN -G
10	Fluoride	mg/L	0.784	APHA 4500-F -D
11	Phenolic Compound	mg/L	BDL	APHA 5530 - D
12	Iron	mg/L	1.8635	APHA 3111-Fe- B
13	Total Chromium	mg/L	0.4212	APHA 3111-Cr-B
14	Manganese	mg/L	0.1847	APHA 3111-Mn- B
15	Zinc	mg/L	0.2017	APHA 3111-Zn- B
16	Copper	mg/L	0.0852	APHA 3111-Cu-B
17	Lead	mg/L	0.3647	APHA 3111-Pb-B
18	Nickel	mg/L	0.4086	APHA 3111-Ni- B

SOIL ANALYSIS REPORT

Sr.No.	Parameters	Results of sampling Done on 26.08.23	Results of sampling Done on 02.03.24
1	pH	7.72	7.61
2	Conductivity (mS/m)	648	672
3	Organic Matter (%)	1.52	1.39
4	Phosphorous (P)	372	402
5	Copper (Cu)	0.42	0.39
6	Nickel (N)	0.51	0.58
7	Manganese (Mn)	7.20	6.92
8	Zinc (Zn)	0.72	0.62

BDL = Below Detectable Limit



AMBIENT AIR MONITORING DATA APRIL 2023 TO MARCH 2024

Sr.No.	Month	PM10	PM2.5	SO2	NOx
		µg / Nm ³			
1	April 2023	68.83	24.89	26.01	35.82
2	May 2023	68.16	24.92	26.21	37.15
3	June 2023	64.71	23.47	24.44	35.11
4	July 2023	54.89	19.09	19.88	29.40
5	August 2023	58.94	21.21	21.49	32.89
6	September 2023	55.01	20.64	20.95	30.75
7	October 2023	59.17	22.81	22.96	35.70
8	November 2023	60.48	23.35	22.75	35.80
9	December 2023	60.39	23.08	22.17	34.79
10	January 2024	60.86	22.86	21.72	35.47
11	February 2024	60.65	22.70	21.73	35.35
12	March 2024	63.03	22.37	21.58	35.45

D.G STACK MONITORING APRIL 2023 TO MARCH 2024

Sr.No.	Month	SPM miligram/NM3	SO2 ppm	NOx ppm
1	April 2023	28.41	12.08	15.97
2	May 2023	29.87	11.27	13.84
3	June 2023	27.52	10.46	12.39
4	July 2023	29.54	12.07	14.66
5	August 2023	26.43	10.72	13.63
6	September 2023	23.82	11.62	15.20
7	October 2023	29.35	10.57	17.62
8	November 2023	30.72	12.41	19.63
9	December 2023	31.42	13.20	20.12
10	January 2024	28.14	12.06	19.53
11	February 2024	32.07	13.51	18.94
12	March 2024	34.17	14.32	20.46

