

OIC COPY

ENVIRO TECHNOLOGY LIMITED

Ref: ETL/ANK/06/2023/28/

Date: 30th June,2023

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

RECEIVED G. P. C. Board R. O. Ankleshwar

Subject: Half yearly EC Compliance Status of Environmental clearance for expansion of M/s Enviro Technology Limited Common Effluent Treatment Plant for the period October-2022 to March-2023.

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 EC's referred under 1&3 and an EC validity extension referred under 2. We would like to draw your kind attention on the following:

- 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.
- 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

ENVIRO TECHNOLOGY LIMITED



ETL inlet and discharge quantitates for the said period are as below which are within limits as per CCA dated 07.08.21:

Period	Average Inlet effluent (MLD)	Average Sewage (MLD)	Average Discharge Quantity along with sewage (MLD)
1 st October 2022 to 31 st March 2023	1.36	0.656	2.24
Capacity as per CCA-113210 dated 07.08.21	2.2	1.1	3.5

We would like to bring to your kind attention that the treated effluent is discharged to FETP operated by NCT for further treatment and disposal to deep sea.

Thanking you, Yours faithfully, For Enviro Technology Limited

'. '. - -----A. M. Darji General Manager

C.C: (1) Gujarat Pollution Control Board

Ankleshwar

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Annexure-1

Compliance Status for the period of October'22 to March'23 of Environment clearance to M/s Enviro Technology Limited for proposed expansion with modification of existing Common Effluent Treatment Plant at Ankleshwar within the existing premises at plot no 2413/14, Notified G.I.D.C. Estate, Ankleshwar. In category B- 7(h) of schedule with EIA notification, 2006.

Note: We have received NOC on dated 22.04.2020 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. (From 1.8 MLD to 3.5 MLD industrial effluent)

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

- This has reference to your online proposal No. INGJ/MIS/84597/2018 dated 9th April 2019, submitted to this Ministry for grant of Environmental Clearance (EC) in terms of the provisions of the Environment Impact Assessment (EIA) Notification,2006 under the Environment (Protection) Act,1986.: Noted
- 2. The proposal for grant of environmental clearance to the project Proposed expansion with modification of existing Common Effluent Treatment Plant at Ankleshwar within the existing premises by M/s Enviro Technology Limited, was considered by the Expert Appraisal Committee (Infra-2) in its 41st meeting held during 27-29 May ,2019 and 42nd meeting held during 10-12 July,2019. The details of the project, as per the documents submitted by the project proponent, and also as informed during the above meeting are as under:
 - (i) M/s Enviro Technology Ltd. is the operator of existing CETP (capacity 2.2 MLD effluent with sewage of 1.7 MLD), since 1996 at plot No 2413/14 GIDC Notified Industrial Estate Ankleshwar. Raw Effluent from more than 250-member industries such as dyes, intermediate, pigment, chemicals, textile, pharmaceuticals etc. that are flourishing in and around Ankleshwar industrial estate is collected in tankers and treated at CETP having Primary, Secondary and Tertiary Treatment facilities. Treated effluent from CETP is being discharged through GIDC drain into Final Effluent Treatment Plant (FETP) operated by M/s. Narmada Clean Technology Ltd. (NCT), Ankleshwar for further treatment and disposal to deep sea. The plant is in operation with valid Consent to Operate & Authorization valid up to 18.03.2024.: Noted
 - (ii) The Enviro Technology Limited had obtained Environment Clearance (EC) vide letter No.10 2/2008-IA.III dated 23.07.2009 for proposed capacity enhancement of Common Effluent Treatment Plant (CETP) for treatment of industrial effluent from 1.8 to 3.5 MLD. The Validity of Environmental Clearance (EC) for expansion was extended up to 22.07.2019 vide Letter No 10-2/2008-IA. III dated 03.07.2017 for treatment of 3500 m3/day industrial wastewaters and use of 1445 m3/day GIDC water. Consequent to notification of Moratorium imposed on Critically Polluted Areas which included Ankleshwar Industrial Estate vide OM No. J-11013/5/2010-IA. 11 (1) on 13.01.2010, there has been no expansion and no new industries came up as a result there has been no increase in effluent quantity. Accordingly, ETL did not expand the capacity of CETP and continued to operate on existing capacity of 2.2 MLD of raw effluent as earlier. In the year 2016, the Moratorium has been lifted for Ankleshwar Vide Letter No. J-11013/5/2010-IA. II (A) dated 25.11.2016 based on CEPI index.: Noted

(iii) M/s ETL proposes expansion from 1.8 to 3.5 MLD industrial effluent with modification in the treatment technology plans to utilize the modified quantity sewage mixed with industrial wastewater and fresh water used for chemical dosing & other uses as detailed below:

Sr. No.	Particular	Existing (MLD)	Proposed (MLD)
1.	Industrial Effluent from Member Industries (including 600 m3/day of effluent stream of high Ammoniacal Nitrogen)	1.8	3.5
2.	Sewage	1.7	1.7
3.	Fresh/Raw Water	0.725	0.465
4.	Quantity of discharge of Effluent from CETP	3.5	5.548

Noted

- (iv) Treated effluent from ETL is discharged to GIDC Drainage system which goes to FETP of NCTL (Narmada Clean Technology Ltd) along with effluent from other industries, for further treatment and disposal up to deep sea through closed pipeline system. ETL has also obtained membership for discharge of additional quantity of effluent after proposed expansion:
 Noted
- (v) The hazardous wastes generated from different process are listed below & shall be disposed according to Hazardous waste management handling rule.

Hazardous Waste / quantity per year	Source	Mode of disposal
ETP Sludge/36500 MT	ETP	BEIL, TSDF site
Used oil/1.8 MT	lubrication of equipment, DG set	Sold to approved recycler
Discarded Container/ 730 Nos.	Raw material packing container	Sold to authorized dealers
Spent Carbon from Tertiary Treatment / 54 MT	Filters	BEIL, TSDF site

Noted

(vi) As per the EIA Notification, 2006 [as amended], the Common Effluent Treatment Units (CETP) units listed at Serial no. 7 (h) of the Schedule of EIA Notification of categorized under Category However due to location of the existing CETP in the Critically Polluted Area the project has been categorized as "A" category.: Noted

Sr.no.	Parameters	Description					
1.	Proposed plant capacity	Industrial wastewater: 3500 m3/day (including 600 m3/day of effluent stream of high ammonical nitrogen).					
		Sewage: 1700 m3/day					
		Raw water: 465 m3/day					
		Total Influent: 5625 m3/day					
		Total Discharge: 5548 m3/day					
2.	Existing plant capacity	Effluent: 1800 m3/day					
		Sewage: 1700 m3/day					
		Raw water: 725 m3/day					
		Total Discharge: 3500 m3/day (as per valid consent of GPCB)					
3.	Plot Area	26543.79 sqm					
	Location	Notified Industrial Area, Ankleshwar, Gujarat					
4.	Coordinates	Latitude: 21037'11.03''N					
		Longitude: 730 01'38.52'' E					
5.	Source of Water	GIDC water supply					
6.	Electricity /Power requirement	 600 KVA Existing & 600 KVA Proposed. In case of power failure D.G. Set (2*10) KVA Capacity) will be used. 					
Noted	1	I i i i cupuoity) will be used.					

(vii) Salient Features of the Project are:

Noted

- (viii) ToR was approved by MoEF & CC (EAC), New Delhi vide letter F.No. 10 82/2018-IA- III dated 13.12.2018.: Noted
- (ix) Baseline monitoring of UPL-1 is also collected by us during from 8th March 2018 to 3rd June,2018 and same was revalidated for one month during 17th December 2018 to 15th January 2019.:
 Noted
- (x) Public hearing was exempted as the project area falls under notified Industrial zone of Ankleshwar.: Noted

- (xi) Investment Cost of the project is approx. Rs. 19.35 Crores.: Noted
- (xii) Benefits of the project: The proposed CETP shall help in the economical treatment of industrial effluent from small scale industries. Thereby, improving the surrounding environment. Increase in direct/indirect employment opportunities thereby improving overall socio-economic condition.: Noted
- (xiii) Employment potential: During operation phase, total no of employee would be around 50.:Noted
- 3. The project/activity is covered under category 'B' of item 7 ('Common Effluent Treatment plants (CETPs)' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at State level. However, due to applicability of general condition i.e. project location in Critically Polluted Area, Ankleshwar, the proposal has been appraised at Central Level.: **Noted**
- 4. The proposal was considered by EAC (Infra-2) in its 41st meeting held during 27-29 May 2019 and 42nd meeting held during 10-12 July 2019. The EAC during its meeting deliberated on the certified compliance report letter No. 5-283/2009(ENV)/161 dated 7.3.2019 issued by the MoEF&CC Regional Office Bhopal. As per Compliance report out of total 32 conditions, 7 are fully complied, 02 are compiled subject to condition, 4 are in which compliance are not applicable to the project proponent, 15 are agreed to comply and 4 are noted. As per the compliance report, the project proponent i.e. M/s Enviro Technology Limited had received 12 show-cause notices and 02 Directions for closure in past 3 years. All of which have been complied. No closure notice received in the past three years.: Noted
- 5. The EAC, based on the information submitted and clarifications provided by the Project Proponent and detailed discussions held on all the issues, recommended for grant of Environmental Clearance to the project with stipulated specific conditions along with other Standard EC Conditions as specified by the Ministry vide OM dated 4th January 2019 for the said project/activity, while considering for accord of environmental clearance. As per recommendations of the EAC, the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance to the project Proposed expansion with modification of existing Common Effluent Treatment Plant at Ankleshwar within the existing premises by M/s Enviro Technology Limited, under the provisions of the EIA Notification, 2006 and amendments/circulars issued thereon, and subject to the specific and general conditions as under: Noted

A. SPECIFIC CONDITION:

Sr. No	Description	Status
I.	The project proponents will implement the project only after getting consent to establish from the SPCB.	Complied We have received CTE from SPCB on 22.04.20, but due to Pandemic Covid -19, we have not implemented the project. We had Completed Our Construction Work.
П	It shall be ensured that primary treatment of effluents to the level of influent quality standards as prescribed by the board, is ascertained at the member units.	Shall be Complied We are complying the same for existing operation (i.e. 2.2 MLD industrial effluent) and will comply the same after implementation of 3.5 MLD industrial effluent project.
III.	Member shall only be allowed access to the CETP if they have consent from the SPCB.	Shall be Complied. We are complying the same for existing operation (i.e. 2.2 MLD industrial effluent) and will comply the same after implementation of 3.5 MLD industrial effluent project.
IV.	A dedicated access-controlled conveyance system shall be provided for transporting effluents from the member units of CETP.	Shall be Complied Conveyance of effluent is through dedicated tankers controlled by ETL. This system is followed presently, and we shall ensure compliance after project implementation.
V.	Conformance to the influent and effluent standards shall be the responsibilities of CETP.	Shall be Complied We are complying the same for existing operation (i.e. 2.2 MLD industrial effluent) and will comply the same after implementation of the project.
VI.	The design of the CETP should be as approved by PCB.	Complied We have submitted the layout and details GCB when taking CTE.
VII.	There shall be flow meters at inlet and outlet of CETP to monitor the flow. Suitable meters shall be provided to measure the quantity of effluent received, quantity of effluent recycled/reused and discharged.	 Shall be Complied Reused Water is used in Guard Pond in Bioaugmentation and for Backwash of Sand filter and the quantity is approx. 200-250 m³/month. Effluent is received in tankers and the details are maintained. At outlet, we have a flow meter installed and readings noted. Based on this the quantities of inlet and outlet are measured. Same system or other adequate system shall be adopted on implementation of the project. Details of effluent received, and effluent discharged currently are attached below.

		Month	(M (2.)	LD)	nlet Ef		Along		ge Quantity 1.1 MLD MLD)
		Oct22	2	1	29			2.2	3
		Nov2	2	1	34			2.2	7
		Dec22	2	1	39			2.2	8
		Jan23	3	1	.33			2.2	1
		Feb23	3	1	47			2.4	9
		Mar2	3	1	38			1.9	6
VIII.	The units and the CETP shall maintain daily logbook of the quantity and quality of discharge from units, quantity of inflow into the CETP, details of the treatment at each stage of the CETP including the raw materials used, quantity of the treatment water sent back to the units, quantity of the salts extracted from the treatment process and detail of the selling of such salts. All the above information shall be provided on the line of the website exclusive prepared from the purpose by the CETP owner. The website shall be accessible by the public. The financial and energy details of the CETP will also be provided along with details of the workers of the CETP	 Shall be Complied For existing operation of 2.2 MLD, ETL is maintaining details for the following quantity and quality of discharge of Effluent Record of Inflow to CETP Details of treatment at each stage Record of raw materials used. It may be noted that ETL is not sending back treated water to member units and is also not extracting salt. EC compliance report comprising the above information is uploaded on the website. 					ted water to formation is d expanded		
IX.	Periodical monitoring shall be carried out for the functioning of CETP and outlet parameters.	-							
		TSS	82	79	72	75	78	75	150 mg/L
		NH4- N	33.6	32.4 8	38.0 8	39.7 6	31.9 2	38.6 4	50 mg/L

		"Monthly third-party monitoring data for 2.2 MLD effluent"
		Internal monitoring & third-party monitoring shall be carried out on implementation of the project.
		Third party monitoring reports for existing system are attached as Annexure $-1(A)$.
X.	The MOU between CETP and member units shall indicate the maximum quantity of effluent to be sent to the CETP along with the quality.	Shall be Complied This procedure is being followed for the existing system and shall be complied in the future also.
XI.	Individual members to the CETP shall treat their effluents in primary treatment systems to the inlet quality standards of the CETP as prescribed by the SPCB.	Member industries are giving primary treatment.
XII.	Individual members shall segregate their wastes in to concentrated and diluted streams and also as per the nature of chemical contamination and store them as per conditions to be specifically imposed in this regard by the SPCB.	Segregation of effluent is done by industries. High Ammonia streams are sent separately for MAP treatment & remaining effluent is treated in the General Treatment section.
XIII.	Chemical recovery and reuse, either in- house or outside shall be practiced to the satisfaction of the SPCB. Use in agriculture shall be exercised with caution after getting the irrigation management plan approved by the SPCB.	Noted
XIV.	All tankers carrying untreated wastes and all hazardous and other wastes shall be properly labeled and transported as per the hazardous and other wastes rules 2016.	Shall be Complied We are complying the same for existing operation (i.e. 2.2 MLD industrial effluent) and will comply the same after implementation of expansion.
XV.	The detailed design of the various unit operation shall strictly conform to the directions of the SPCB as given in the CTE.	Shall be Complied
XVI.	The project proponent and SPCB should ensure that the member ship of CETP is restricted to only those industries which legitimately exist in the area. A list of industries in this regard shall be prepared by the association which will have the following details.	Complied Before giving membership to any industry, we take their CTE issued by GPCB.
	Name of industryOffice addressLocation of industry	

XVII	 Status of consent under water act along with order number. Status of consent under air act along with order number. Production capacity as per consent orders. Total industrial effluent to CETP as per consent order. The unit shall inform the SPCB at least a week prior to undertaking maintenance activities in the recycle system and store/dispose treated effluents under their advice in the matter. 	Shall be Complied. We are complying the same for existing operation (i.e., 2.2 MLD industrial effluent) and will comply the same after implementation of proposed project.
XVIII	The unit shall also immediately inform the PCB of any breakdown in the recycling system, store the effluents in the interim period and dispose effluents only as advised by the PCB.	Shall be Complied We are complying the same for existing operation (i.e. 2.2 MLD industrial effluent) and will comply the same after implementation of proposed project.
XIX	The unit shall maintain a robust system of conveyance for primary treated effluents from the member units and constantly monitor the influent quality to the CETP. The management of the CETP and the individual member shall be jointly and severally responsible for conveyance and pretreatment of effluents. Only those units will be authorized to send their effluents to the CETP which have a valid consent of the PCB and which meet the primary treated standards as prescribed. The CETP operator shall with the consent of the SPCB retain the powers to delink the defaulter unit from entering the conveyance system.	Shall be Complied The effluent is conveyed to CETP through dedicated tankers of CETP. We are complying the same for existing operation (i.e., 2.2 MLD industrial effluent) and will comply the same after implementation of proposed project.
XX	The CETP operator will maintain an annual register of member units which will contain the details of products with installed capacities and quality of effluents accepted for discharge. This will form a part of the initial and renewal applications for CTO to be made before the SPCB.	Noted
XXI	Any changes in the manufacturing process, installed capacity or the quality or quantity of effluents as agreed upon in the initial MOU between the operator and	Noted and Shall be Complied.

	the member units, will only be done after an approval of the SPCB.	MOU between the ETL(CETP) and the member units will b done. In MOU, details of manufacturing Process, installe capacity are described. We are complying the same for existing operation (i.e. 2. MLD industrial effluent) and will comply the same afte implementation of proposed project.				
XXII	The treated effluent from CETP shall be blended with treated sewage prior to its discharge in river.	Not Applicable In our existing as well as proposed system for 3.5 MLD effluent, sewage is mixed with effluent before the effluent enters biological (secondary) treatment process. The treated effluent is not blended with treated sewage. Also, our discharge is to FETP for further treatment and not in river.				
XXIII	Domestic water requirement is 0.675 KLD, which will be met through water tanker supply.	 Shall be Complied We are complying the same for existing operation (i.e. 2.2 MLD industrial effluent) and will comply the same after implementation of proposed project. We are getting water from GIDC through pipeline. In case of non-availability of water from GIDC, water from borewell is drawn. NOC from CGWA for withdrawal of ground water is received. 				
XXIV	The quantity of hazardous waste i.e. ETP sludge to be generated from CETP facility shall be handled and disposed to nearby authorized TSDF site as per HWM Rules, 2016.	Unit is disposing sludge to Common TSDF –BEIL for their				
		Month	Sludge Quantity (MT)	Consented Qty. in MT/Year		
		Oct22 333.66 Nov22 732.045 Dec22 476.12 Jan23 381.78 Feb23 288.78 Mar23 270.53 Membership certificate of BEIL to dispose sludge i attached as Annexure -1(B)				
XXV	Non-hazardous solid wastes and sludges arising out of the operation of the CETP shall be adequately disposed as per the consent to be availed from the SPCB.	Complied We are complying the same for existing operation (i.e., 2.2 MLD industrial effluent) and will comply the same after implementation of proposed project.				

	Non-hazardous solid wastes and sludges shall not be mixed with hazardous waste.						
XXVI	The effluent from member units shall be transported through pipeline. In case the effluent is transported through road, it shall be transported through CETP tankers only duly maintaining proper manifest system. The vehicle shall be fitted with proper GPS system.	Shall be Complied Currently also the effluent is transported through road by CETP tankers fitted with GPS and proper manifest system.					
XXVII	Before accepting any effluent from member units, the same shall be as permitted by the SPCB in the consent order. No effluent from any unit shall be accepted without consent from SPCB under the water Act, 1974 as amended.	Shall be Complied We are complying the same for existing operation (i.e., 2.2 MLD industrial effluent) and will comply the same after implementation of proposed project.					
XXVIII	The CETP shall have adequate power back up facility, to meet the energy requirement in case of power failure from the grid.	Shall be Complied For existing operation, as power back up, ETL has installed D G Set of 1010 KVA for smooth operation during power failure. After implementation of the project an additional DG set of 1010 KVA shall be installed to meet the energy requirement in case of power failure.					
XXIX	All the recommendation of the EMP shall be complied with letter and spirit. All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to RO, MOEF and CC along with half yearly compliance report.	Environment Audit Report and Compliance status are submitted to RO, MOEF&CC along with half yearly report					
XXX	The project proponent shall set up separate environmental management cell for affactive implementation of the	Details are as under:					
	for effective implementation of the stipulated environment safeguards under the supervision of a senior executive.	Sr. No	Name of the employee	Designation	Educational Qualification		
		1.	Mr. B. D. Dalwadi	C.E.O.	B.E. Chemical		
		2.	Unit Head	M.Sc Biochemistry, LL. B			
		3.	Mr. Narendra B Patel	D.G.M	M. Sc & PG Dip in Env. Mgt. & Tech.		
		4.	Ms. Rakshita Vyas	Sr. Manager (Env.)	M.Sc. Environment		
			Ms. Priya Patel	Officer (Env.)	B.E. Environment		
XXXI	The funds earmarked for environment management plan shall be included in the	Noted					

	budget and this shall not be diverted for any other purposes.	 Approximately 2.0 lakhs at construction stage & 2.80 lakhs /annum at operational stage. Our unit is a CETP and hence all the expenditure is for the purpose of environment protection measures.
XXXII	Project proponent should develop green belt all along the periphery of the site with native plant species that are significant and used for the pollution abatement.	Complied There is no addition of land for the proposed expansion.
XXXIII	The company shall draw up and implement corporate social responsibility plan as per the company act of 2013.	Shall be Complied For the existing system, the company performs CSR as per the company act and after implementation of the project also the same shall be continued.
XXXIV	As per the ministry's office memorandum F No. 22-65/2017-IA.III dated 1 st May 2018, and proposed by the project proponent, an amount of Rs. 19.35 Lakhs @ 1.0% of project cost shall be earmarked under corporate environment responsibility for the activities such as health, education, employability, and environment etc. the activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the RO as a part of half yearly compliance report, and to the district collector. It should be posted on the website of the project proponent.	Shall be complied.
XXXV	The project proponent shall also comply with the mechanism prescribed by the ministry vide letter No. Q*- 16017/38/2018-CPA dated 24.10.2019 and O.M. F. No.22-23/2018-IA.III(pt.) dated 31.10.2019 for the instant project.	Noted

B. <u>STANDARD CONDITION:</u> <u>Statutory compliance:</u>

I.	The project proponent shall obtain forest clearance under the provisions of forest act,1980, in case of the diversion of forest land for non-forest purpose involved in the project.	Not Applicable
II.	The project proponent shall obtain clearance from the national board for wildlife, if applicable.	Not Applicable
III.	The project proponent shall prepare a site-specific conservation plan and wildlife management plan and approved by the chief wildlife warden. The recommendations of the approved site-specific conservation plan/wildlife management plan shall be implemented in consultation with the state forest department. The implementation report shall be furnished along with the six- monthly compliance report.	Not Applicable
IV.	The project proponent shall obtain CTE/CTO under the provision of air act,1981 and the water act,1974 from the concerned SPCB.	Shall be complied. We have obtained CTE from GPCB. CTO shall be obtained on implementation of the project.
V.	The project proponent shall obtain the necessary permission from the central ground water authority, in case of drawl of ground water/from the competent authority concerned in case of drawl of surface water required for the project.	Shall be complied. Currently, no ground water is utilized at site, water supply is from GIDC Notified Area Authority. Ground water is utilized only when GIDC cannot supply required water.
VI.	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	Shall be complied. Power certificate for existing facility obtained and for proposed project, we shall obtain it. Existing Certificate attached as Annexure-1(C)
VII.	All other statutory clearances such as the approvals for storage of diesel from chief controller of explosives, fire department, etc. shall be obtained, as applicable by project proponent from the respective competent authority.	Not applicable No such clearances are required for our CETP, but if required in future, it shall be obtained.

I. Air quality monitoring and preservation:

I	The gaseous emission from DG set shall be dispersed through adequate stack height as per CPCB standards. Diesel generating sets shall be installed, in the downwind direction.	Complied
Π	Appropriate air pollution control system shall be provided for fugitive dust from all vulnerable sources, so as to comply prescribed standards.	Noted

II. Water quality monitoring and preservation:

I	The project proponent shall install 24*7 continuous effluent monitoring system with respect to standards prescribed in environment rules 1986 as amended from time to time and connected to SPCB and CPCB online server and calibrate this system from time to time according to	MLD industrial	ng the same for exist	ing operation (i.e. 2.2 omply the same after
	equipment supplier specification through labs recognized under environment act,1986 or NABL accredited laboratories.			
Π	Total freshwater use shall not exceed the proposed requirement as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water.	MLD industrial	ng the same for exist	ing operation (i.e. 2.2 omply the same after
III	of CETP to monitor the flow. Suitable meters shall be provided to measure the	Month	Average Inlet Effluent (MLD) (2.2 MLD Industrial Effluent)	Final Discharge Quantity Along with 1.1 MLD sewage (Avg. MLD)
	quantity of effluent received. Quantity of	Oct22	1.29	2.23
	effluent recycled/reused and discharged.	Nov22	1.34	2.27
		Dec22	1.39	2.28
		Jan23	1.33	2.21
		Feb23	1.47	2.49
		Mar23	1.38	1.96
		maintained. Flow Details of effluer are attached belo	v meter is installed at the nt received in tankers a w. hall be followed after	nkers and these data are he outlet. and effluent discharged er implementation of

The units and the CETP will maintain daily IV logbook of the quantity of discharge from the units. Quantity of inflow into the CETP. Details of the treatment at each stage of the CETP including the raw materials used, quantity of the treated water proposed to be recycled, reuse within the industrial units, quantity of the treated effluent discharged. All the above information shall be provided on-line of the web site exclusively prepared for the purpose by the CETP owner. The website shall be accessible by the public. The financial and energy details of the CETP will also be provided along with details of the workers of the CETP.

Shall be complied.

These data are maintained for the existing system and shall be maintained for the 3.5 MLD system.

Details of effluent received, and effluent discharged are attached below.

Month	Average Inlet Effluent (MLD) (2.2 MLD Industrial Effluent)	FinalDischargeQuantityAlongwith1.1MLDsewage(Avg. MLD)				
Oct22	1.29	2.23				
Nov22	1.34	2.27				
Dec22	1.39	2.28				
Jan23 1.33		2.21				
Feb23	1.47	2.49				
Mar23	1.38	1.96				
$D(t)^{1} = C D = M(t)^{1} + C D = t^{1} + (O(t)^{1} + t^{2}) + (O(t)^{$						

Details of Raw Material consumption (October'2022 to March'2023) in Kgs.

Chemicals	Oct 22	Nov. -22	Dec. -22	Jan. -23	Feb. -23	Mar. -23
Lime	4196 0	3705 2.5	2957 .58	4659 8.92	4721 7.7	4757 3.24
H ₂ O ₂	135	157	0	50	150	100
FeSO ₄ (solid)	200	0	0	0	0	0
Polyelectrol yte	362. 5	362. 5	120	60.1 2	16.9 2	55.96
De foaming Agent	1095	0	125	0	25	0
Fin Deform-18	970	3650	3850	0	3750	3400
Phosphoric Acid	0	0	100	0	0	250
Poly Aluminum Chloride (PAC)	425	350	254	254	270	195
Sodium Tripolyphos phate (STTP)	290	310	205	45	158	104
MgCl₂	2360	961	2432	1005	811	902
Na₂HPO₄	4379	3079 3	5947	1050	854	82.6
Caustic Soda (NaOH)	2764	1212 3.18	723. 24	582. 61	683. 06	622.7 9

V	The CETP operator will maintain an annual register of member units which will contain the details of products with installed capacities and quality and quantity of effluents accepted for discharged. This will form a part of the initial and renewal applications for consent to operate to be made before the SPCB. No changes in installed capacity, quantity or quality of effluents as agreed upon in the initial MOU between the operator and the member units, addition of any new member	Noted Noted
VII	units shall be carried without prior approval of ministry. The unit shall inform the SPCB at least a	Shall be complied.
	week prior to undertaking maintenance activities in the recycle system and store treated effluents under their advice in the matter.	We are complying the same for existing operation (i.e., 2.2 MLD industrial effluent) and will comply the same after implementation of proposed project.
VIII	The unit shall also immediately inform the PCB of any breakdown in the recycling system, store the effluents in the interim period and dispose effluents only as advised by the PCB.	Shall be complied. We are complying the same for existing operation (i.e. 2.2 MLD industrial effluent) and will comply the same after implementation of proposed project.
IX	The MOU between CETP and member units shall indicate the maximum quantity of effluent to be sent to the CETP along with the quality.	Complied We are complying the same for existing operation (i.e., 2.2 MLD industrial effluent) and will comply the same after implementation of proposed project.
X	The unit shall maintain a robust system of conveyance for primary treated effluents from the member units and constantly monitor the influent quality to the CETP. The management of the CETP and the individual member shall be jointly and severally responsible for conveyance and pre-treatment of effluents to the CETP which have a valid consent of the PCB and which meet the primary treated standards as prescribed. the CETP operator shall with the consent of the SPCB retain the powers to delink the defaulter unit from entering the conveyance system.	Noted
XI	The effluent from member units shall be transported through pipeline. In case the effluent is transported through road, it shall be transported through CETP tankers only duly maintaining proper manifest system.	Shall be Complied Currently also the effluent is transported through road by CETP tankers fitted with GPS and proper manifest system.

	The vehicles shall be fitted with proper GPS system.	
XII	Before accepting any effluent from member units, the same shall be as permitted by the SPCB in the consent order. No effluent from any unit shall be accepted without consent from SPCB under the Water Act, 1974 as amended.	Shall be Complied We are complying the same for existing operation (i.e. 2.2 MLD industrial effluent) and will comply the same after implementation of proposed project.
XIII	Treated water shall be disposed on land for irrigation. An irrigation management plan shall be drawn up in consultation with and to the satisfaction of the SPCB.	Not Applicable
XIV	The project proponents will build operate and maintain the collection and conveyance system to transport effluents from the industrial units in consultation with and to the satisfaction of the SPCB and ensure that the industrial units meet the primary effluent standards prescribed by the SPCB.	Complied The conveyance of effluent from member units to CETP is done through tankers, which is agreed by SPCB.
XV	The SPCB will also evaluate the treatment efficiency of the effluent treatment plant and its capability of meeting the prescribed standards. The final scheme of treatment would be such as is approved by the PCB in the CTE.	Noted
XVI	The project proponents will create an institutional arrangement for the involvement of individual members in the management of the CETP.	Noted. In the board of Directors of company, two representatives are included.

III. Noise monitoring and preservation:

regard shall be submitted to regional officer of the ministry as a part of six monthly compliance report. We are complying the same for existing ope industrial effluent) and will comply the same of 3.5 MLD industrial effluent project. BAY TIM SR.NO. DATE LOCATION DAYTIM NORE 1 1 1 1 1 1 1 1		Noise level survey shall be carried as per	Shall be c	complied.			
officer of the ministry as a part of six- monthly compliance report. industrial effluent) and will comply the same of 3.5 MLD industrial effluent project. SRNO. DATE LOCATION DAY TM MONTORI AT 12.00 H 1 1 Near Main Gate 63.7 2 13.10.202 Near Main Gate 63.7 3 13.10.202 Near Main Cate 63.7 4 Near Final Discharge 49.9 5 Near Main Gate 53.3 6 12.11.2022 Near Main Cate 66.3 7 Near Main Discharge 55.3 9 Near Main Cate 55.3 9 Near Main Cate 57.6 10 20.12.2022 Near Main Cate 55.3 11 Near Main Cate 55.3 12 Near Main Cate 55.3 13 Near JOG Room 56.3 14 13.01.2023 Near Main Cate 56.3 14 13.01.2023 Near DG Room 69.4 16 Near DG Room 59.6 10		the prescribed guidelines and report in this					
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13 13 14 Near 56.3 14 13.01.2023 Near DG Room 69.4 16 16 Near Final 52.7 17 17 Near Main Gate 62.5 18 13.02.2023 Near DG Room 59.6 19 13.02.2023 Near DG Room 72.3 Near Final 51.2			12		Discharge	51.1	47.2
14 Decanter 56.3 15 13.01.2023 Near DG Room 69.4 16 16 Near Final Discharge 52.7 17 17 Near Main Gate 62.5 18 13.02.2023 Near DG Cate 59.6 19 13.02.2023 Near DG Near DG Room 72.3 Near Final 51.2			13		Gate	61.2	49.2
15 Near DG Room 69.4 16 Near Final Discharge 52.7 17 Near Main Gate 62.5 18 13.02.2023 Near DG Room 72.3 19 20 Near Final 51.2			14	13 01 2023	Decanter	56.3	52.3
10 Discharge 52.7 17 17 Near Main Gate 62.5 18 13.02.2023 Near Decanter 59.6 19 20 Near Final 51.3			15	13.01.2023	Room	69.4	67.3
17 18 13.02.2023 Gate 62.5 18 13.02.2023 Near 59.6 Near DG 72.3 Noar Final 51.3			16		Discharge	52.7	46.9
18 Decanter 59.6 19 13.02.2023 Decanter 59.6 Near DG Room 72.3 Near Final 51.3			17		Gate	62.5	52.1
19Near DG Room72.320Near Final51.3			18	13 02 2023	Decanter	59.6	50.3
			19	13.02.2023	Room	72.3	65.8
			20		Discharge	51.3	46.3
21Near Main Gate64.7			21		Gate	64.7	53.1
22 Near 60.4			22	13 03 2023	Decanter	60.4	51.9
23 Near DG 71.5			23	15.05.2025	Room	71.5	66.3
24Near Final Discharge52.8			24			52.8	48.8

II	Noise from vehicles, power machinery and	Complied
	equipment should be regularity serviced.	
	Attention should also be given to muffler	We are complying the same for existing operation (i.e., 2.2 MLD
	maintenance and enclosure of noisy	industrial effluent) and will comply the same after implementation
	equipment's.	of proposed project.
III	Acoustic enclosures for DG set, noise	Complied
	barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact	PPEs are Provided near High noise area.
	due to ground sources.	We are complying the same for existing operation (i.e., 2.2 MLD
		industrial effluent) and will comply the same after implementation
		of proposed project.

IV. Waste management:

I	ETP sludge generated from CETP facility shall be handled and disposed to nearby authorized TSDF site as per hazardous and other wastes rules,2016.	existing oper operation aft existing facil	ration and will comply er implementation. Sluc ity is under: (Oct.'2022 ce as the 1.8 to 3.5 MI	n TSDF –BEIL for their the same for proposed dge disposal quantity for to March'2023). Noted LD effluent project is not Consented Qty. in MT/Year
		Oct22 Nov22	333.66 732.045	
		Dec22	476.12	
		Jan23	381.78	36500
		Feb23	288.78	
		Mar23	270.53	
		Membership Annexure -10		send sludge attached as
II	Non-hazardous solid wastes and sludge arising out of the operation of the CETP shall be adequately disposed as per the consent to be availed from the state pollution control board. Non-hazardous solid waste and sludge shall not be mixed with hazardous wastes.	We are complying the same for existing operation (i.e. 2.2 MLD industrial effluent) and will comply the same after implementation of proposed project.		
III	The CETP shall have adequate power back up facility, to meet the energy requirement in case of power failure from the grid.	Set of 1010 I After implen	operation, as power bac KVA for smooth operat nentation of the project hall be installed to mee	ek ETL has installed D G ion during power failure. an additional DG set of et the energy requirement
IV	The site for aerobic composting shall be selected and developed in consultation with and to the satisfaction of the SPCB.	Not applicab	le	

	Odor and inspect nuisance shall be adequately controlled.	
V	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the construction and demolition waste, management rules,2016.	Noted
VI	The solid wastes shall be segregated, managed, and disposed as per the norms of the solid waste management rules,2016.	Noted

V. Energy conservation measures:

I	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, streetlights, parking around project area and maintain the same regularly.	Noted We are working out the viability.
Π	Provide LED lights in their offices and residential areas.	Shall be complied. We are complying the same for existing operation (i.e. 2.2 MLD industrial effluent) and will comply the same after implementation of proposed project.

VI. Green belt:

Ι	Green belt shall be developed in area as	Shall be complied.
	provided in project details, with native	
	tree green belt shall be developed in an	There is no increase in land area for the proposed 3.5 MLD
	area equal to 33% of the plant area with	project, therefore green belt will remain the same.
	a native tree species in accordance with	Currently 18% is the green belt area.
	CPCB guidelines. The greenbelt shall	
	inter alia cover the entire periphery of	Plant Layout attached as Annexure-1(D)
	the plant.	
	*	

VII. Public hearing and human health issues:

Ι	Emergency preparedness plan based on the hazard identification and risk assessment and disaster management plan shall be implemented.	We have Onsite Emergency Action Plan
Π	Adequate infrastructure, including power, shall be provided for emergency situations and disaster management.	Complied Adequate firefighting system is installed at site

		For existing operation, as power back up, ETL has installed D G Set of 1010 KVA for smooth operation during power failure. After implementation of the project an additional DG set of 1010 KVA shall be installed to meet the energy requirement in case of power failure.
Ш	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. the housing may be in the form of temporary structures to be removed after the completion of the project.	Noted
IV	Occupational health surveillance of the workers shall be done on a regular basis.	Complied. Health surveillance of workers is carried out six monthly.

IX. Corporate Environment Responsibility:

Ι	The company shall have a well laid down environmental policy duly approve by the board of directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/ condition. The company shall have defined system of reporting	Complied. The company has ICP policy and is implementing all aspects.
	infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	
II	A separate Environmental cell both at the project and company head quarter level with qualified personal shall be set up under the control of senior executive, who will directly to the head of the organization.	Complied
III	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The	Noted for compliance. Our unit is a CETP and hence all the expenditure is for the purpose of environment protection measures.

	year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the ministry/regional office along with six monthly compliance report.	
IV	Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	Complied. An environment audit is carried out by a third party every year. The third party (Schedule – I) auditors are appointed by GPCB.

X. Miscellaneous:

Ш	The project proponent shall prominently advertise it at least in two local newspapers of the district or state, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEF&CC/SEIAA website where it is displayed.	Complied Having received the EC on 26 th December, we have advertised in two local newspapers (Times of India and Divya Bhaskar) on date 01 st January 2020 & 31 st December 2019 informing that the "project has been accorded EC". Copy is attached as Annexure - 1 (E)
Ш	The copies of the environmental clearance shall be submitted by the project proponents to the heads of local bodies, panchayats, and municipal bodies in addition to the relevant offices of the government who in turn has to display the same for 30 days from the date of receipts.	Complied We have submitted the copy of EC to concerned panchayat, Zilla Parishad/municipal Corporation, Urban Local body, and the local NGO Acknowledgement sheet attached as Annexure-1 (F)
III	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half yearly basis.	Complied Half yearly EC Compliance report uploaded on website.
IV	The project proponent shall submit six- monthly reports on the status of the compliance of stipulated environmental conditions on the website of the ministry of Environmental, Forest and Climate change at environmental clearance portal.	Shall be Complied

V	The project proponent shall submit the environmental statement for each financial year in Form-5 to the concerned state pollution control board as prescribed under the environment rules, 1986, as amended subsequently and put on the website of the company.	Complied Copy of Environmental statement for the year of 2021-22 is attached as Annexure – (G)
VI	The criteria pollutant levels or critical sectoral parameters indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	We are displaying information outside gate
VII	The project proponent shall inform the regional office as well as the ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of operation by the project.	Shall be complied.
VIII	The project authorities must strictly adhere to the stipulations made by the state pollution control board and the state government.	Noted
IX	The project proponent shall abide by all commitments and recommendations made in the EIA/EMP report, commitment made during public hearing and also that during their presentation to the expert appraisal committee.	Noted
X	No further expansion or modifications in the plant shall be carried out without prior approval of the ministry of environment, forest, and climate change.	Noted
XI	Concealing factual data or submission of false/fabricated data may result in revocation of this environment clearance and attract under the provisions of environment act 1986.	Noted
XII	The ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted
XIII	The ministry reserves the right to stipulate additional conditions if found necessary. The company in a time	Noted

	bound manner shall implement these conditions.	
XI V	The regional office of the ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full corporation to the officer of the regional office by furnishing the requisite data/information/monitoring reports.	Noted
XV	The above conditions shall be enforced, inter-alia under the provisions of the water(prevention & control of pollution) Act, 1974, the Air (prevention & control of pollution) Act, 1981, the Environment (protection) Act, 1986, Hazardous and other wastes (Management and transboundary movement)Rules, 2016 and the public liability insurance Act,1991 along with their amendments and rules and any other order passed by the Hon'ble supreme Court of India/High courts and any other court of Law relating the subject matter.	Noted
XVI	Any appeal against this EC shall lie with the national green tribunal, if preferred within a period of 30 days as prescribed under section 16 of the national green tribunal act 2010.	Noted

6. This issues with the approval of the Competent authority. - Noted.

ANNEXURE-1 (A)



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



Test Report

Customer Name & Address: M/s. Enviro Technology Ltd. Plot no. 2413/14 GIDC Estate, Ankleshwar Dist: Bharuch Report No :SRICT/EAUDIT/20221022/A01

Issue Date: 22/10/2022

Contact person:- Mr. Narendra Patel

Sample Id Code	:	SRICT/2022101	SRICT/20221019/A01				
Sample Description :		ETL F/O					
Date of sampling	:	19/10/2022	Sample received By	:	SRICT Audit Team		
Date of sample received	:	19/10/2022	Test parameter	:	As mentioned in CCA		
Date of starting Analysis	:	19/10/2022	Quantity of Sample	:	2 Lit.		
Date of completion Analysis	:	22/10/2022	Packed/Seal	:	Packed		
No. Of Samples	:	01					

RESULTS

	Sr No	Parameter	Unit	Result	Permissible Limit	Method
لم ا	1	pH		7.50	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	6125	100 CU	APHA 2120 C, 2-7 to 2-8, 23rd Ed.: 2017,Spectrophotometric Single Wavelength Method
	4	Total Suspended solids (TSS)	mg/l	82	150	IS3025(P-17) 1984 Amd.1 : 1999,Gravimetric Method
	5	Total Dissolved Solid (TDS)	mg/l	19925	10000	IS3025(P-16), 1984, Gravimetric Method
	6	BOD	mg/l	29	200	IS:3025 (Part 44), Amd.1:2000,Oxygen Depletion Method
	7	COD	mg/l	768	1000	IS: 3025-Part 58, 2006,Open Reflux Method

Enviro Technology Ltd., 2013/14, GIDC, Ame RECEIVED OUT Page 1 of 3





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-					
8	Oil & Grease	mg/l	BDL	10	APHA 5520-B, 5-42 to 44, 23rd Ed.: 2017,Liquid Partition Gravimetric Method
9	Phenolic compound	mg/l	0.64	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
L ¹¹	Ammonical Nitrogen	mg/l	33.6	50	IS: 3025-Part 34, 1988, Titrimetric Method
12	Total Kjedahl Nitrogen	mg/l	44.24	50	APHA-4500-Norg-B, Macro- Kjedahl Method, 23rd Eddi.
13	Phosphate	mg/l	2.11	5	IS: 3025(P-31)1988Re-2003, Stannous chloride Method.
14	Chlorides as Cl	mg/l	8447.38	1000	IS: 3025-Part 32, 1988, Argentometric Method
15	Sulphate as SO4	mg/l	2412	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,Titrmetric method
17	Fhiorides	mg/l	1.23	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	0.26	2	AAS-APHA (23rd Ed) 3111-B, Colourimetric Method
20	Copper	mg/l	0.68	3	APHA 3111-CU-B,3-20 TO 3-31,23 rd. ED.2017 AAS
21	Nickel	mg/l	BDL	3	AAS-APHA 3111-Ni-B,3-20 to 3-21,23 rd. ED.2017
22	Zinc	mg/l	0.93	15	AAS-APHA,3111-Zn-B,3-20 TO 3-21,23 rd. ED.2017
23	Iron	mg/l	1.09	3	APHA-3111-Fe.B,3-20 to 3-21,23 rd. ED.2017
24	Manganese	mg/l	0.17	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

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	26	Lead	mg/l	BDL	0.1	AAS-APHA 3111-Pb-B,3-20 to 3-21,23
	20	Loud			0.1	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
-1	30	Selenium	mg/l	BDL	0.05	APHA-3500-Se, B-C-23 rd. ED.2017-
-						AAS
	31	Insecticide/Pesticides	mg/l	Absent	Absent	Pesticides &Insecticides Ref.
	51	mscenerae/r esticides		Ausent	Auseni	USEPA 508,525.2

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- Spill

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



Test Report

Customer Name & Address: M/s. Enviro Technology Ltd. Plot no. 2413/14 GIDC Estate, Ankleshwar Dist: Bharuch Report No :SRICT/EAUDIT/20221128/A01

Issue Date: 28/11/2022

Contact person:- Mr. Narendra Patel

Sample Id Code	9/A01				
Sample Description	:	ETL F/O			
Date of sampling	:	19/11/2022	Sample received By	:	SRICT Audit Team
Date of sample received		19/11/2022	Test parameter	:	As mentioned in CCA
Date of starting Analysis	+:	22/11/2022	Quantity of Sample	:	2 Lit.
Date of completion Analysis	: :	26/11/2022	Packed/Seal	:	Packed
No. Of Samples	:	01			

RESULTS

Sr No	Parameter	Unit	Result	Permissible Limit	Method
	pH		7.45	6.5 to 8.5	IS 3025(P-11) : 2022,Electrometric Method
2	Temperature	°C	27.0	40	APHA (23rd Ed) 2550
3	Colour	Hazen	5910	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	150	IS3025(P-17) 1984 Amd.1 : 1999,Gravimetric Method
- 5	Total Dissolved Solid (TDS)	mg/l	19218	10000	IS3025(P-16), 1984, Gravimetric Method
6	BOD	mg/l	26	200	IS:3025 (Part 44), Amd.1:2000,Oxygen Depletion Method
7	COD	mg/l	717.8	1000	IS: 3025-Part 58, 2006,Open Reflux Method

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8	Oil & Grease	mg/l	BDL	10	APHA 5520-B, 5-42 to 44, 23rd Ed.: 2017,Liquid Partition Gravimetric Method
9	Phenolic compound	mg/l	0.62	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	32.48	50	IS: 3025-Part 34, 1988, Titrimetric Method
12	Total Kjedahl Nitrogen	mg/l	41.44	50	APHA-4500-Norg-B, Macro- Kjedahl Method, 23rd Eddi.
13	Phosphate	mg/l	2.18	5	IS: 3025(P-31)1988Re-2003, Stannous chloride Method.
14	Chlorides as Cl	mg/l	8147.47	1000	IS: 3025-Part 32, 1988, Argentometric Method
15	Sulphate as SO4	mg/l	2380	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,Titrmetric method
17	Fhiorides	mg/l	1.20	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	0.12	2	AAS-APHA (23rd Ed) 3111-B, Colourimetric Method
20	Copper	mg/l	0.24	3	APHA 3111-CU-B,3-20 TO 3-31,23 rd. ED.2017 AAS
21	Nickel	mg/l	BDL	3	AAS-APHA 3111-Ni-B.3-20 to 3-21.23 rd. ED.2017
22	Zinc	mg/l	0.92	15	AAS-APHA.3111-Zn-B,3-20 TO 3-21.22 rd. ED.2017
23	Iron	mg/l	1.07	3	APHA-3111-Fe.B,3-20 to 3-21,23 rd. ED.2017
24	Manganese	mg/l	0.15	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
				2	

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26	5 Lead	mg/l	BDL	0.1	AAS-APHA 3111-Pb-B,3-20 to 3-21,23 rd. ED.2017
27	7 Arsenic	mg/l	BDL	0.2	APHA 3111-AS-B,23 rd. ED.2017-AAS
28	3 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	mg/l	Absent	Absent	Pesticides & insecticides Ref. USEPA 508,525.2,532

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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 :SRICT/EAUDIT/20221226/A01

Issue Date: 26/12/2022

Contact person:- Mr. Narendra Patel

ample Id Code : SRICT/20221221/A01							
Sample Description	:	ETL F/O		-			
Date of sampling	:	21/12/2022	Sample received By	T :	SRICT Audit Team		
Date of sample received	:	21/12/2022	Test parameter		As mentioned in CCA		
Date of starting Analysis	:	22/12/2022	Quantity of Sample	÷	2 Lit.		
Date of completion Analysis	:	26/12/2022	Packed/Seal		Packed		
No. Of Samples	:	01	_	•			

RESULTS

Sr No	Parameter	Unit	Result	Permissible Limit	Method
1	рН		7.56	6.5 to 8.5	IS 3025(P-11) : 2022,Electrometric Method
2	Temperature	°C	26.5	40	APHA (23rd Ed) 2550
3	Colour	Hazen	6132	100 CU	APHA 2120 C, 2-7 to 2-8, 23rd Ed.: 2017,Spectrophotometric Single Wavelength Method
4	Total Suspended solids (TSS)	mg/l	72	150	IS3025(P-17) 1984 Amd.1 : 1999,Gravimetric Method
5	Total Dissolved Solid (TDS)	mg/l	18818	10000	IS3025(P-16), 1984, Gravimetric Method
6	BOD	mg/l	25	200	IS:3025 (Part 44), Amd.1:2000,Oxygen Depletion Method
7	COD	mg/l	661.44	1000	IS: 3025-Part 58, 2006,Open Reflux Method

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10Sulphidemg/lBDL2017, Direct Photometric Method11Ammonical Nitrogenmg/lBBL5APHA 4500-S-2-F, 4-187, 23rd Ed.: 2017, Iodometric Method11Ammonical Nitrogenmg/l38.0850IS: 3025-Part 34, 1988, Titrimetric Method12Total Kjedahl Nitrogenmg/l43.6850APHA-4500-Norg-B, Macro- Kjedahl Method, 23rd Edi.13Phosphatemg/l2.155IS: 3025(P-31)1988Re-2003. Stannous chloride Method.14Chlorides as Clmg/l7997.521000IS: 3025-Part 32, 1988, Argentometric Method15Sulphate as SO4mg/l23351000APHA, 4500-State, 4-199 to 200, 23 Ed.: 2017, Turbidimetric Method16Cyanidemg/lBDL0.2APHA 4500-F- D, 4-90 TO 4-91, 23rd Ed.: 2017, SPADNS Method18Hexavalent Chromiummg/lBDL0.1APHA (23rd Ed) 3500Cr-B, Colourimetric Method19Total Chromiummg/l0.422AAS-APHA (23rd Ed) 3111-B, Colourimetric Method20Coppermg/l0.233AAS-APHA 3111-Ni-B,3-20 TO 3-31,23 rd ED.201721Nickelmg/l1.0215AAS-APHA 3111-Zn-B,3-20 TO 3-21,23 rd ED.201723Ironmg/l1.213APHA-3111-Fe.B,3-20 to 3-21,23 rd ED.201724Manganesemg/l0.212APHA,3111 A, 23 rd. ED.2017-AAS	-					
9 Phenolic compound mg/l 0.59 5 APHA, 5530-D, Page No. 5-52, 23rd E 2017,Direct Photometric Method 10 Sulphide mg/l BDL 5 APHA, 5530-D, Page No. 5-52, 23rd Ed.: 2017,Dictometric Method 11 Ammonical Nitrogen mg/l 38.08 50 IS: 3025-Part 34, 1988,Titrimetric Method 12 Total Kjedahl Nitrogen mg/l 43.68 50 APHA-4500-Norg-B, Macro- Kjedahl Method, 23rd Eddi. 13 Phosphate mg/l 2.15 5 IS: 3025(P-31)1988Re-2003. Stannous chloride Method. 14 Chlorides as Cl mg/l 7997.52 1000 IS: 3025-Part 32, 1988,Argentometric Method 15 Sulphate as SO4 mg/l 2335 1000 APHA, 4500-SO4-E, 4-199 to 200, 23 Ed.: 2017,Turbidimetric Method 16 Cyanide mg/l BDL 0.2 APHA(23rd Ed) 4500-D,Titmetric 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 3111-CU-B,3-20 TO 3-31,23 rd ED.2017 <td>8</td> <td>Oil & Grease</td> <td>mg/l</td> <td>BDL</td> <td>10</td> <td>2017, Liquid Partition Gravimetric</td>	8	Oil & Grease	mg/l	BDL	10	2017, Liquid Partition Gravimetric
10 Subhide mg/l BDL 5 APHA 4500-S-2-F, 4-187, 23rd Ed.: 2017, lodometric Method 11 Ammonical Nitrogen mg/l 38.08 50 IS: 3025-Part 34, 1988, Titrimetric Method 12 Total Kjedahl Nitrogen mg/l 43.68 50 APHA-4500-Norg-B, Macro- Kjedahl Method, 23rd Eddi. 13 Phosphate mg/l 2.15 5 IS: 3025/Part 32, 1988, Argentometric Method, 23rd Eddi. 14 Chlorides as Cl mg/l 7997.52 1000 IS: 3025-Part 32, 1988, Argentometric Method, 23rd Eddi. 15 Sulphate as SO4 mg/l 2335 1000 APHA, 4500-SO4-E, 4-199 to 200, 23rd Eddi. 16 Cyanide mg/l BDL 0.2 APHA/23rd Ed)4500-D, Titrmetric method 18 Hexavalent Chromium mg/l BDL 0.1 APHA/23rd Ed) 3111-B, Colourimetric Method 19 Total Chromium mg/l 0.42 2 AAS-APHA (23rd Ed) 3111-B, Colourimetric Method 20 Copper mg/l 0.23 3 APIA 3111-CU-B,3-20 TO 3-31,23 rd ED.2017 21 Nick	9	Phenolic compound	mg/l	0.59	5	APHA, 5530-D, Page No. 5-52, 23rd Ed.:
11 Ammonical Nitrogen mg/l 38.08 50 IS: 3025-Part 34, 1988, Titrimetric Method 12 Total Kjedahl Nitrogen mg/l 43.68 50 APHA-4500-Norg-B, Macro- Kjedahl Method, 23rd Eddi. 13 Phosphate mg/l 2.15 5 IS: 3025(P-31)1988Re-2003. Stannous chloride Method. 14 Chlorides as Cl mg/l 2.15 5 IS: 3025(P-31)1988Re-2003. Stannous chloride Method. 15 Sulphate as SO4 mg/l 2.335 1000 APHA, 4500-SO4-E, 4-199 to 200, 23; Ed: 2017, Turbidimetric Method 16 Cyanide mg/l BDL 0.2 APHA(23rd Ed) 4500-D, Titrmetric method 17 Fluorides mg/l 1.36 15 APHA (23rd Ed) 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 Colourimetric Method 20 Copper mg/l 0.23 3 APHA 3111-Ni-B,3-20 TO 3-31,23 rd ED.2017 21 Ni	10	Sulphide	mg/l	BDL	5	APHA 4500-S-2-F,4-187, 23rd Ed.:
12 Total Kjedahl Nitrogen mg/l 43.68 50 APHA-4500-Norg-B, Macro- Kjedahl Method, 23rd Eddi. 13 Phosphate mg/l 2.15 5 IS: 3025(P-31)1988Re-2003. Stannous chloride Method. 14 Chlorides as Cl mg/l 7997.52 1000 IS: 3025(P-31)1988Re-2003. Stannous chloride Method. 15 Sulphate as SO4 mg/l 2335 1000 APHA,4500-SO4-E, 4-199 to 200, 23) Ed: 2017,Turbidimetric Method 16 Cyanide mg/l BDL 0.2 APHA (23rd Ed)4500-D,Titmetric method 17 Fluorides mg/l 1.36 15 APHA 4500-F- D, 4-90 TO 4-91, 23rd Ed.; 2017, SPADNS Method 18 Hexavalent Chromium mg/l 0.42 2 AAS-APHA (23rd Ed) 3111-B, Colourimetric Method 19 Total Chromium mg/l 0.23 3 ED:2017 AAS 21 Nickel mg/l 1.02 15 AAS-APHA 3111-Ni-B,3-20 to 3-21,23 rd. ED:2017 22 Zinc mg/l 1.02 15 AAS-APHA,3111-Zn-B,3-20 to 3-21,23 rd. ED:2017 23 Iron	√ 11 ∟	Ammonical Nitrogen	mg/l	38.08	50	IS: 3025-Part 34, 1988, Titrimetric
Indication Indication <thindication< th=""> Indication Indicati</thindication<>	12	Total Kjedahl Nitrogen	mg/l	43.68	50	APHA-4500-Norg-B, Macro- Kjedahl
14 Chlorides as Cl mg/l 7997.52 1000 IS: 3025-Part 32, 1988, Argentometric Method 15 Sulphate as SO4 mg/l 2335 1000 APHA,4500-SO4-E, 4-199 to 200, 231 Ed.: 2017, Turbidimetric Method 16 Cyanide mg/l BDL 0.2 APHA(23rd Ed) 4500-D, Titmetric method 17 Fluorides mg/l 1.36 15 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 0.23 3 APHA 3111-CU-B,3-20 TO 3-31,23 rd ED.2017 AAS 21 Nickel mg/l BDL 3 AAS-APHA 3111-Ni-B,3-20 to 3-21,23 rd. ED.2017 22 Zinc mg/l 1.02 15 AAS-APHA,3111-Zn-B,3-20 TO 3-21,23 rd. ED.2017 23 Iron mg/l 1.21 3 APHA-3111-Fe.B,3-20 to 3-21,23 rd. ED.2017 24 Manganese mg/l 0.21 2 APHA 3111 A, 23 rd. ED.2017-AAS	13	Phosphate	mg/l	2.15	5	IS: 3025(P-31)1988Re-2003. Stannous chloride Method.
15 Sulphate as SO4 mg/l 2335 1000 APHA ,4500-SO4-E, 4-199 to 200, 23, Ed.: 2017, Turbidimetric Method 16 Cyanide mg/l BDL 0.2 APHA(23rd Ed) 4500-D, Titmetric method 17 Fluorides mg/l 1.36 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 0.23 3 ED.2017 21 Nickel mg/l BDL 3 AAS-APHA 3111-CU-B,3-20 TO 3-31,23 rd ED.2017 22 Zinc mg/l BDL 3 AAS-APHA,3111-Zn-B,3-20 to 3-21,23 rd. ED.2017 23 Iron mg/l 1.02 15 AAS-APHA,3111-Zn-B,3-20 to 3-21,23 rd. ED.2017 24 Manganese mg/l 0.21 2 APHA-3111-Fe.B,3-20 to 3-21,23 rd. ED.2017-AAS	14	Chlorides as Cl	mg/l	7997.52	1000	IS: 3025-Part 32, 1988, Argentometric
16 Cyanide mg/l BDL 0.2 APHA(23rd Ed)4500-D, Titmetric method 17 Fluorides mg/l 1.36 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,Colourimetr Method 19 Total Chromium mg/l 0.42 2 AAS-APHA (23rd Ed) 3111-B, Colourimetric Method 20 Copper mg/l 0.23 3 APHA 3111-CU-B,3-20 TO 3-31,23 rd. ED.2017 AAS 21 Nickel mg/l BDL 3 AAS-APHA 3111-Ni-B,3-20 to 3-21,23 rd. ED.2017 22 Zinc mg/l 1.02 15 AAS-APHA,3111-Zn-B,3-20 to 3-21,23 rd. ED.2017 23 Iron mg/l 1.21 3 APHA-3111-Fe.B,3-20 to 3-21,23 rd. ED.2017 24 Manganese mg/l 0.21 2 APHA 3111 A , 23 rd. ED.2017-AAS	15	Sulphate as SO4	mg/l	2335	1000	APHA ,4500-SO4-E, 4-199 to 200, 23rd
Image Image <th< td=""><td>16</td><td>Cyanide</td><td>mg/l</td><td>BDL</td><td>0.2</td><td>APHA(23rd Ed)4500-D, Titrmetric</td></th<>	16	Cyanide	mg/l	BDL	0.2	APHA(23rd Ed)4500-D, Titrmetric
18 Hexavalent Chromium mg/l BDL 0.1 APHA(23rd Ed) 3500Cr-B,Colourimetr Method 19 Total Chromium mg/l 0.42 2 AAS-APHA (23rd Ed) 3111-B, Colourimetric Method 20 Copper mg/l 0.23 3 APHA 3111-CU-B,3-20 TO 3-31,23 rd. ED.2017 AAS 21 Nickel mg/l BDL 3 AAS-APHA 3111-Ni-B,3-20 to 3-21,23 rd. ED.2017 22 Zinc mg/l 1.02 15 AAS-APHA,3111-Zn-B,3-20 to 3-21,23 rd. ED.2017 23 Iron mg/l 1.21 3 APHA-3111-Fe.B,3-20 to 3-21,23 rd. ED.2017 24 Manganese mg/l 0.21 2 APHA 3111 A, 23 rd. ED.2017-AAS	17	Fluorides	mg/l	1.36	15	
Inight Inight Inight Inight Inight Inight Colourimetric Method 20 Copper mg/l 0.23 3 APHA 3111-CU-B,3-20 TO 3-31,23 rd. ED.2017 AAS 21 Nickel mg/l BDL 3 AAS-APHA 3111-Ni-B,3-20 to 3-21,23 rd. ED.2017 22 Zinc mg/l 1.02 15 AAS-APHA,3111-Zn-B,3-20 TO 3-21,3 rd. ED.2017 23 Iron mg/l 1.21 3 APHA-3111-Fe.B,3-20 to 3-21,23 rd. ED.2017 24 Manganese mg/l 0.21 2 APHA 3111 A, 23 rd. ED.2017-AAS	18	Hexavalent Chromium	mg/l	BDL	0.1	APHA(23rd Ed) 3500Cr-B,Colourimetric
20 Copper mg/l 0.23 3 ED.2017 AAS 21 Nickel mg/l BDL 3 AAS-APHA 3111-Ni-B,3-20 to 3-21,23 rd. ED.2017 22 Zinc mg/l 1.02 15 AAS-APHA,3111-Zn-B,3-20 TO 3-21,3 rd. ED.2017 23 Iron mg/l 1.21 3 APHA-3111-Fe.B,3-20 to 3-21,23 rd. ED.2017 24 Manganese mg/l 0.21 2 APHA 3111 A, 23 rd. ED.2017-AAS	19	Total Chromium	mg/l	0.42	2	
11 Ingr BDL 3 rd. ED.2017 22 Zinc mg/l 1.02 15 AAS-APHA,3111-Zn-B,3-20 TO 3-21,3 23 Iron mg/l 1.21 3 APHA-3111-Fe.B,3-20 to 3-21,23 rd. ED.2017 24 Manganese mg/l 0.21 2 APHA 3111 A, 23 rd. ED.2017-AAS	20	Copper	mg/l	0.23	3	N1 02035 00000000 50.000
Difference Img/l 1.02 15 rd. ED.2017 23 Iron mg/l 1.21 3 APHA-3111-Fe.B,3-20 to 3-21,23 rd. ED.2017 24 Manganese mg/l 0.21 2 APHA 3111 A , 23 rd. ED.2017-AAS 25 Maraumy mg/l DPI 2.017	21	Nickel	mg/l	BDL	3	AAS-APHA 3111-Ni-B,3-20 to 3-21,23 rd. ED.2017
24 Manganese mg/l 0.21 2 APHA 3111 A , 23 rd. ED.2017-AAS 25 Maraumi // DEV 0.01 2	22	Zinc	mg/l	1.02	15	AAS-APHA,3111-Zn-B,3-20 TO 3-21,23 rd. ED.2017
24 Manganese mg/l 0.21 2 APHA 3111 A , 23 rd. ED.2017-AAS 25 Margame // DDL 2.01 2 APHA 3111 A , 23 rd. ED.2017-AAS			mg/l	1.21	3	
	24	Manganese	mg/l	0.21	2	
	25	Mercury	mg/l	BDL	0.01	APHA-3112-Hg-B,23 rd. ED.2017-AAS

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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	mg/l	Absent	Absent	Pesticides & insecticides Ref. USEPA 508,525.2,532

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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 :SRICT/EAUDIT/20230204/A01

Issue Date: 04/02/2023

Contact person:- Mr. Narendra Patel

Sample Id Code	:	SRICT/20230131/A01							
Sample Description	:	ETL F/O							
Date of sampling	:	31/01/2023	Sample received By	:	SRICT Audit Team				
Date of sample received	:	31/01/2023	Test parameter	:	As mentioned in CCA				
Date of starting Analysis	:	01/02/2023	Quantity of Sample	:	2 Lit.				
Date of completion Analysis	:	04/02/2023	Packed/Seal	:	Packed				
No. Of Samples	:	01							

RESULTS

	Sr No	Parameter	Unit	Result	Permissible Limit	Method
	1	рН		7.61	6.5 to 8.5	IS 3025(P-11) : 2022,Electrometric Method
1	2 ·	Temperature	°C	26.9	. 40	APHA (23rd Ed) 2550
	3	Colour	Hazen	6286	100 CU	APHA 2120 C, 2-7 to 2-8, 23rd Ed.: 2017,Spectrophotometric Single Wavelength Method
	4	Total Suspended solids (TSS)	mg/l	75	150	IS3025(P-17) 1984 Amd.1 : 1999,Gravimetric Method
	5	Total Dissolved Solid (TDS)	mg/l	17920	10000	IS3025(P-16), 1984, Gravimetric Method
	6	BOD	mg/l	26	200	IS:3025 (Part 44), Amd.1:2000,Oxygen Depletion Method
	7	COD	mg/l	595.84	1000	IS: 3025-Part 58, 2006,Open Reflux Method

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3					
8	Oil & Grease	mg/l	BDL	10	APHA 5520-B, 5-42 to 44, 23rd Ed.: 2017,Liquid Partition Gravimetric Method
9	Phenolic compound	mg/l	0.65	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	39.76	50	IS: 3025-Part 34, 1988, Titrimetric Method
12	Total Kjedahl Nitrogen	mg/l	42.56	50	APHA-4500-Norg-B, Macro- Kjedahl Method, 23rd Eddi.
13	Phosphate	mg/l	2.20	5	IS: 3025(P-31)1988Re-2003, Stannous chloride Method.
14	Chlorides as Cl	mg/l	8071.96	1000	IS: 3025-Part 32, 1988, Argentometric Method
: 15	Sulphate as SO4	mg/l	2258	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,Titrmetric method
17	Fluorides	mg/l	1.40	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	0.41	2	AAS-APHA (23rd Ed) 3111-B, Colourimetric Method
-20	Copper	mg/l	0.26	3	APHA 3111-CU-B,3-20 TO 3-31,23 rd. ED.2017 AAS
21	Nickel	mg/l	BDL	3	AAS-APHA 3111-Ni-B,3-20 to 3-21,23 rd. ED.2017
22	Zinc	mg/l	1.06	15	AAS-APHA,3111-Zn-B,3-20 TO 3-21,23 rd. ED.2017
23	Iron	mg/l	1.28	3	APHA-3111-Fe.B,3-20 to 3-21,23 rd. ED.2017
24	Manganese	mg/l	0.25	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

Page **2** of **2**





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	5. L					
n	26	Lead	mg/l	BDL	0.1	AAS-APHA 3111-Pb-B,3-20 to 3-21,23 rd. ED.2017
1	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
1	29	Cadmium	mg/l	BDL	0.05	APHA 3111-Cd B , 23 rd. ED.2017-AAS
\cap	30	Selenium	mg/l	BDL	0.05	APHA-3500-Se, B-C-23 rd. ED.2017- AAS
	31	Insecticide/Pesticides	mg/l	Absent	Absent	Pesticides & insecticides Ref. USEPA 508,525.2,532

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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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Test Report

Customer Name& Address: M/s. Enviro Technology Ltd. Plot no. 2413/14 GIDC Estate, Ankleshwar Dist: Bharuch Report No :SRICT/EAUDIT/20230306/A01

Issue Date: 06/03/2023

Contact person:- Mr. Narendra Patel

Sample Id Code	:	SRICT/20230227/A01				
Sample Description	:	ETL F/O				
Date of sampling	:	27/02/2023	Sample received By	:	SRICT Audit Team	
Date of sample received	:	27/02/2023	Test parameter	:	As mentioned in CCA	
Date of starting Analysis	:	28/02/2023	Quantity of Sample	:	2 Lit.	
Date of completion Analysis	:	04/03/2023	Packed/Seal	:	Packed	
No. Of Samples	:	01 .			44	

RESULTS

Sr No	Parameter	Unit	Result	Permissible Limit	Method
1	рН		7.67	6.5 to 8.5	IS 3025(P-11) : 2022,Electrometric Method
2	Temperature	°C	26.8	40	APHA (23rd Ed) 2550
3	Colour	Hazen	6295	100 CU	APHA 2120 C, 2-7 to 2-8, 23rd Ed.: 2017,Spectrophotometric Single Wavelength Method
4	Total Suspended solids (TSS)	mg/l	78	150	IS3025(P-17) 1984 Amd.1 : 1999,Gravimetric Method
5	Total Dissolved Solid (TDS)	mg/l	17985	10000	IS3025(P-16), 1984, Gravimetric Method
6	BOD	mg/l	27	200	IS:3025 (Part 44), Amd.1:2000,Oxygen Depletion Method
7	COD	mg/l	580.88	1000	IS: 3025-Part 58, 2006,Open Reflux Method

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2011						
	8	Oil & Grease	mg/l	BDL	10	APHA 5520-B, 5-42 to 44, 23rd Ed.: 2017,Liquid Partition Gravimetric Method
	9	Phenolic compound	mg/l	0.61	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
T	11	Ammonical Nitrogen	mg/l	31.92	50	IS: 3025-Part 34, 1988,Titrimetric Method
	12	Total Kjedahl Nitrogen	mg/l	42.56	50	APHA-4500-Norg-B, Macro- Kjedahl Method, 23rd Eddi.
	13	Phosphate	mg/l	2.25	5	IS: 3025(P-31)1988Re-2003, Stannous chloride Method.
Ī	14	Chlorides as Cl	mg/l	7925.20	1000	IS: 3025-Part 32, 1988,Argentometric Method
	15	Sulphate as SO ₄	mg/l	2237	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,Titrmetric method
	17	Fluorides	mg/l	1.48	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	0.39	2	AAS-APHA (23rd Ed) 3111-B, Colourimetric Method
	20	Copper	mg/l	0.24	3	APHA 3111-CU-B,3-20 TO 3-31,23 rd. ED.2017 AAS
(A)	21	Nickel	mg/l	BDL	3	AAS-APHA 3111-Ni-B,3-20 to 3-21,23 rd. ED.2017
	22	Zinc	mg/l	1.03	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	0.24	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

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	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
\sim	30	Selenium	mg/l	BDL	0.05	APHA-3500-Se, B-C-23 rd. ED.2017- AAS
	31	Insecticide/Pesticides	mg/l	Absent	Absent	Pesticides & insecticides Ref. USEPA 508,525.2,532

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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 :SRICT/EAUDIT/20230321/A01

Issue Date: 21/03/2023

Contact person:- Mr. Narendra Patel

Sample Id Code	:	SRICT/20230316/A01				
Sample Description		ETL F/O				
Date of sampling	:	16/03/2023	Sample received By		SRICT Audit Team	
Date of sample received	:	16/03/2023	Test parameter	:	As mentioned in CCA	
Date of starting Analysis	:	17/03/2023	Quantity of Sample	:	2 Lit.	
Date of completion Analysis	:	20/03/2023	Packed/Seal		Packed	
No. Of Samples	:	01				

RESULTS

Sr No	Parameter	Unit	Result	Permissible Limit	Method
1	рН		7.59	6.5 to 8.5	IS 3025(P-11) : 2022,Electrometric Method
2	Temperature	°C	26.2	40	APHA (23rd Ed) 2550
3	Colour	Hazen	6305	100 CU	APHA 2120 C, 2-7 to 2-8, 23rd Ed.: 2017,Spectrophotometric Single Wavelength Method
4	Total Suspended solids (TSS)	mg/l	75	150	IS3025(P-17) 1984 Amd.1 : 1999,Gravimetric Method
5	Total Dissolved Solid (TDS)	mg/l	17996	10000	IS3025(P-16), 1984, Gravimetric Method
6	BOD	mg/l	28	200	IS:3025 (Part 44), Amd.1:2000,Oxygen Depletion Method
7	COD	mg/l	677.60	1000	IS: 3025-Part 58, 2006,Open Reflux Method

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8	Oil & Grease	mg/l	BDL	10	APHA 5520-B, 5-42 to 44, 23rd Ed.: 2017,Liquid Partition Gravimetric
9	Phenolic compound	mg/l	0.69	5	Method 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	38.64	50	IS: 3025-Part 34, 1988, Titrimetric Method
12	Total Kjedahl Nitrogen	mg/l	41.44	50	APHA-4500-Norg-B, Macro- Kjedahl Method, 23rd Eddi.
13	Phosphate	mg/l	2.30	5	IS: 3025(P-31)1988Re-2003, Stannous chloride Method.
14	Chlorides as Cl	mg/l	8218.73	1000	IS: 3025-Part 32, 1988, Argentometric Method
15	Sulphate as SO4	mg/l	2242	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,Titrmetric method
17	Fluorides	mg/l	1.50	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	0.32	2	AAS-APHA (23rd Ed) 3111-B, Colourimetric Method
20	Copper	mg/l	0.24	3	APHA 3111-CU-B,3-20 TO 3-31,23 rd. ED.2017 AAS
21	Nickel	mg/l	BDL	3	AAS-APHA 3111-Ni-B,3-20 to 3-21,23 rd. ED.2017
22	Zinc	mg/l	1.06	15	AAS-APHA,3111-Zn-B,3-20 TO 3-21,23 rd. ED.2017
23	Iron	mg/l	1.30	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

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Γ	26	Tend	mg/l	BDL	0.1	AAS-APHA 3111-Pb-B,3-20 to 3-21,23
	26	Lead	mg/1	DDL	0.1	rd. ED.2017
Ì	27	Arsenic	mg/l	BDL	0.2	APHA 3111-AS-B,23 rd. ED.2017-AAS
Ì	28	Vanadium	mg/l	BDL	0.2	APHA-3500-V.B-AAS
Ī	29	Cadmium	mg/l	BDL	0.05	APHA 3111-Cd B , 23 rd. ED.2017-AAS
\frown	30	Selenium	mg/l	BDL	0.05	APHA-3500-Se, B-C-23 rd. ED.2017- AAS
	31	Insecticide/Pesticides	mg/l	Absent	Absent	Pesticides & insecticides Ref. USEPA 508,525.2,532

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BHARUCH ENVIRO INFRASTRUCTURE LIMITED

March 5, 2013

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

Sub : Membership Certificate for Common Solid Waste Disposal Facility.

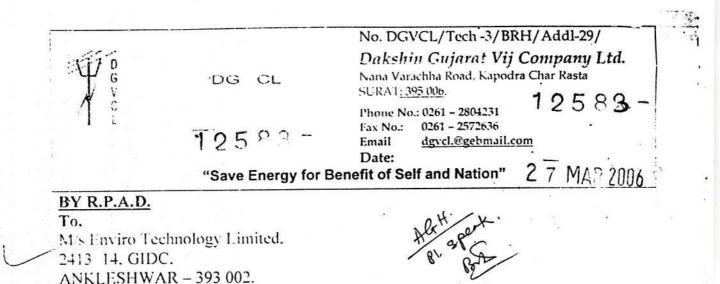
Dear Sir,

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 <u>36,000 MT / Year</u>. Your Membership No. is **Ank/048**.

Thanking you,

Yours faithfully, For BHARUCH ENVIRO INFRASTRUCTURE LTD.

AUTHORISEDSIGNATORY



Sub: - Release of additional power of 125 KVA to raise your contract demand from 475 KVA to 600 KVA at GIDC. Anikleshwar - HT NO. 39564.

Ref: - (1) Estimate No: DGVCL/TECH-3/BRH/Addl-29/ 11749 Dtd. 27/02/06

(2) Agreement execution Date: - 23/03/06.

Dear Sir.

Gandhi . Release order

With reference to the above, this is to inform you that it is agreed to release additional load of 125 KVA during day and night hours in addition to existing load of 475 KVA presently drawn, raising your contract demand from 475 KVA to 600 KVA. Out of total contract demand of 600 KVA you are permitted to utilize 600 KVA only during day and night hours. The above load is released on contingent basis i.e. withdrawable at any time without giving any notice if the power position so warrants. This is subject to power cut in force from time to time.

You may please contact of E.E., Ankleshwar-Ind Dn. who will arrange to release supply as soon as he is ready on his side.

From the date of release of additional power you will be billed on the basis of increased contract demand of 600 KVA on tariff HTP- II A.

Actual power supply shall be released only after furnishing of No Objection Certificate (Not Site Clearance) from Gujarat Pollution Control Board GANDHINAGAR to our field office under intimation to this office, failing which the minimum bill shall commence after expiry of two months from the of issue of this letter, if you fail to avail this power within two months period from the date of this letter, you will be billed for your total contract demand inclusive of this additional load for monthly minimum charges after expiry of two months period from the date of issue of this letter as per provision of tariff as imposed from time to time for your total contract demand of 600 KVA which is inclusive of addl demand of 125 KVA.

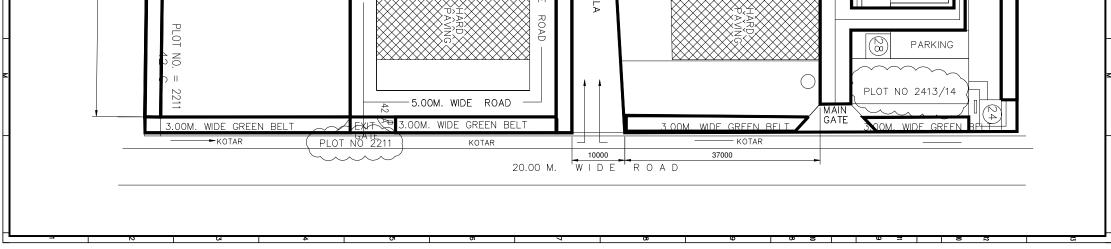
Yours faithfully.

J 000 000

ADDL. CHIEF ENGINEER (O&M)

3.00M. WIDE GREEN BELT -(51) PROPOSED CLARIFIER-(O)43 (J) $\begin{pmatrix} 1 \\ - \end{pmatrix}$ $\begin{pmatrix} 1 \\ - \end{pmatrix}$ 0000 3.00M. WIDE ROAD AERATION AERATION 9 5.00M. WIDE TANK $(\begin{array}{c} \begin{array}{c} \end{array} \end{$ 10A 6 ANK -STROM SHREEJI CHEMICAL PLOT NO. = 2210 NO. - 1 <u>x</u>0. 12 0 WATER ROAD фф 12A MALA DR 4.00M. WIDE ROAD FANCING LINE Ē Ш (4) \bigcirc D -3.00M.-WIDE---ROAD-- \bigcirc ð BOREWELL 2 (23 ¢ ¢ ○○ 24A 34 (32) (4) (4) (4) 25 6 4 þ¢-٢ 22560 46 63 C -STROM WATER DRAIN 39 STROM WATER DRAIN THE C ¢. 42-B 45B E BOREWELL 1 (45A) (N)(J) $\binom{2}{6}$ 5.00M WIDE ROAD <u>фф</u> фф 50-(1) EQUALISATION TANK TANK FUTURE OPEN SPACE 5.00M 26B 26 A 90150 PLANT LAYOUT TANK FUTURE WIDE 5.00M. WIDE ROAD \bigcirc TANK 56 ROAD 5.00M. WIDE $\binom{2}{7}$ NALA

ANNEXURE-1 (D)



ANNEXURE-1 (E)

1221948182543 1825481895431N IVR:8271948189 India Post

KEL: EIL/AINN/2020/1033

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

भारपात लाक

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

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

Dear Sir,

With Reference to the aforesaid Environmental Clearance F. No. 10-82/2018-1A-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

A B. D. Dalwadi **Chief Executive Officer**

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

18/01/2020 Gujaret Pollution Control Board Head Office Sector No. 10-A, Gendhinagar-982010

CIN NO .: Works Office : U72200GJ1994PLC023786 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

Received

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Sujarat Pollution Control Board

R.O. Anklęshwał

2020

Reg. Office :

973146 GIDC Estate, Ankleshwar - 393 002 Dist. : Bharuch (Gujarat)

ter beans and several other vegetables have risen too.

Apr

JUI

According to Krishnakant Pawar, deputy secreta-ry of APMC, Vashi, "Climate change happens to be the major factor for loss of production. The extended monsoon has badly hit farmers and destabilized the demand-

UCE supply chain." At the whole-

sale APMC market in Vashi. supplies of onions have halved since September, say traders. The shortage of old onions and delay in harvesting the winter crop has kept prices high.

Dec

"Mumbai market needs at least 100-125 truckloads of

sale market. During September and November last year, the prices were Rs 25-35 per kg, which jumped to Rs 50-130 perkgthis year.

To check prices, government stopped exports in September. This saw a slight dip in prices from Rs 50-60 per kg in the wholesale market to Rs 40-50 in October

/v Jakn a month as a retainer in one of the HDIL Group companies, according to chargesheet submitted in court by the Enforcement Directorate (ED) in the PMC Bank scam. The ED questioned her about the source of funds for the purchase of a bungalow in Bandra along with flats in Golf Links Building, and bungalows in Alibaug and Vasai.

Man kills his ailing 62-yr-old mother to 'relieve' her of pain

Sandhya,Nair @timesgroup.com

Mumbai: A 30-year-old man allegedly killed his ailing 62-year-old mother to 'relieve' her of pain. The incident took place in the Bhabha Atomic Power Station (BARC) Colony at Tarapur on Sunday. The complainant, accused Jayprakash Dhobi's brother, has told the police his younger sibling was mentally unstable.

According to the complaint, the victim, Chandravati, was preparing breakfast for Jayprakash when he hit her on the head with an iron rod. The accused is single and unemployed.

The complainant came to visit his mother after 11 am and saw Jayprakash sitting beside her body. iron rod was lying near him. Jayprakash told the police his mother was suffering from arthritis. blood pressure, diabetes

and cataract.

He told the police she often complained of pain and he killed her to liberate her. The victim lived along with her 70-year-old husband, a retired Tarapur Atomic Power Station (TAPS) employee and a daughter, who teaches at the (NPCIL School in 115 pur Jaypra-kash and his older brother resided in different homes in Duttatraye Nagar in Boisar. They would visit their mother every Sunday.

PUBLIC NOTICE FOR TITLE CLEARANCE REPORT VALSAD That Virenbhai Kurjibhai Bhroliya is absolute owner of below mentioned properties and he have obtained Title Clearance Report from me to obtain bank loan. Thereafter he informed that below original documents are lost. Therefore if any person, society, institution, group, trust, banks etc. Owing any right, interest, lien or claim of whatsoever nature in respect thereof are hereby informed to raise any such rights or claims within a period of 15 days from this notice along with all documentary proof, thereafter no any rights or claims shall be entertained and additional report will be issued. Property Details:- All that piece and parcels of the immovable property of industrial Plot No. 79, 80 totally admeasuring 265.52 sq.mtrs. in the industrial estate which is known as "Swaminarayan Industrial Estate" situated on the land bearing Revenue Survey No. 385, 386, 387, 389 paiki having it's Block No. 304 of Village :Tatithaiya, Sub District: Palsana, District : Surat. Lost Documents: (1) Original sale deed No. 292 dated 27 03 2002 (2) ESI ACT 2002 repayment of the loans have e notices were nancial Assets but they have blic notice. Date of NPA 057.00 30.06.2018 Fou nly) as nterest Lost Documents: (1) Original sale deed No. 292 dated 27.03.2002, (2) Original sale deed No. 291 dated 27.03.2002 & (3) Original sale deed No. 475 dated 30.03.1994 alongwith original registration receipts of above s etc. 097.00 19/05/2017 Nine all sale deeds as or Rakesh A. Wadhwani (Advocate) st and 62.00 indre 9 with denta 38.00 16/05/2019 Nine Eight urthe Inses ver(s) and /o payment of failing which notice under

Assets and

.T Branch

icer

PUBLIC NOTICE ENVIRONMENTAL CLEARANCE It is hereby informed that the Ministry of Environment, Forest

and Climate change (IA, III Section), Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi - 3, has accorded Environmental Clearance for Proposed Expansion with modification of existing Common Effluent treatment Plant of M/s. Enviro Technology Limited. (ETL) at Plot no.2413/ 2414 & 2211, GIDC Ankleshwar-393002 (Gujarat) vide letter No. F. No. 10-82/2018-IA-III dated 16/12/2019under the provision of EIA Notification dated 14th September 2006, which we have received on 25/12/2019.

Copies of Clearance letter are available on website of MoEFCC/SEIAA.

Date: 30/12/2019

B D Dalwadi (CHIEF EXECUTIVE OFFICER

Gift of life: City set for record. 79 transplants in one year

TIMES NEWS NETWORK

Mumbai: The city witnessed 14 life-saving transplants in the last one week thanks to four families who donated the organs of their loved ones.

As the year ends, the city is set to witness a heartening record of 79 organ donations, the highest ever since cadaver donation programme started in 1997. Over 200 organ failure patients could undergo transplants owing to the cadaver donations.

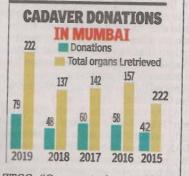
1:1 2:1 1:1 3.1 6.1 10, 4:0 5.1 9:4 CII 11: 3:0 3:6 7:1

p.n 10; 10; 10; 10; 10; 3.3 10; 7;3

The Zonal Transplant Coordination Committee data shows that the number of donations increased by 65% in 2019 when compared with 2018 (48). T

he number of donated organs too rose by 60% as compared to the previous year. This year also witnessed more bone donations and the first pancreas transplant in the city. Overall, 121 kidneys, 68 livers, 21 hearts, 10 lungs and one pancreas were donated.

"The programme has seen unprecedented success this year, but the challenge now would be to sustain the momentum," said Dr S Mathur, president of



ZTCC. "Our next aim would be increase the donor pool and that could be achieved by recogning more Non-transplant organ retrieval centres and encouraging them to identify donors," he said. TNN

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

(ઓદ્યાગિક વેસ્ટ) 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 સ્વસ્થાય પર ગંભીર અસરો ઉભી થઇ રહી છે. સ્થાનિક પ્રકૃતિ સુરક્ષા મંડળ દ્વારા આ અંગે જીપીસીબીમાં લેખિત ફરિયાદ કરી છે. ફાઈનલ એફલુઅન્ટ

સેપીઆંકના મૂલ્યાંકન માટે મોનીટંરીગ ટીમ આગામી મહિને આવી રહી છે. પૂર્વેજ એન.સી.ટીનું ઇનલેટ- આઉટ લેટની માત્ર વધુ આવતા દોડધામ મચી છે. છેલ્લા 2 મહિના ઈન-આઉટ ડેતા પરિશામ બગડ્યા છે. પર્યાવરણવાદી દ્વારા ઉચ્ચસ્તરીય રજુઆત કરી છે. એનસીટીમાં નિયત માત્રા કરતા વધુ સ્લજ સંગ્રહ દુર્ગંધ ફેલાતા આજુબાજુ

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

પાન

પર્યાવરણીય મંજૂરી આ સાથે જણાવવામાં આવે છે કે, મિનિસ્ટ્રિ ઓફ એન્વાયરોમેન્ટ, ફોરેસ્ટ એન્ક કલાચમેટ રોન્જ(1A, III section) ઇન્ટિરા પર્ચાવરણ ભવન, જોર બાગ રોડ, નવી દિલ્हી-૩, બ્રારા એનવીરો ટેકનોલોજી લિમિટેક, પ્લોટ નં.૨૪૧૩/૨૪૧૪ & રર૧૧, જી.આઇ.ડી.સી. ઇન્ડસ્ટ્રિયલ ઇસ્ટેટ, અંકલેશ્વર-૩૯૩૦૦૨ (ગુજરાત) ખાતે દાલનાં કોમનએફલ્યુન્ટ ટ્રીટમેન્ટ પ્લાન્ટ માં ફેરફાર સાથે સુચીત વધારો કરવા માટેની પર્યાવરણીય ગંજૂરી ક્રમાંક નં. F. NO. 10-82/2018-IA-III તારીખ ૧૬-૧૨-૨૦૧૯ લ્રારા ઇ.આઇ.એ.નોટીફીકેશન તારીખ ૧૪ સપ્ટેમ્બર ૨૦૦૬ જોગલાઇ દેઠળ આપેલ છે, જે અમને લારીખ ૨૬-૧૨-૨૦૧૯ ના રોજ મળેલ છે. કલીચરન્સ પત્રની નકલ મિનિસ્ટ્રિ ઓફ એન્વાયશેમેન્ટ, ફોરેસ્ટ એન્ડ કલાયમેટ

ઝડપી પાડવાની કવાયત હાથ ધરી હતી. દરમિયાન ભરૂચ એલસીબી પોલીસ દ્વારા ચોક્કસ બાતમી 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.



બી.કી.દલવાકી

(ચીક એકઝીકચૂટીવ ઓફીસર)

અંકલેશ્વર જીઆઇડીસી પાનના ગલ્લા માંથી ઈંગ્લીશ દારૂ એલ.સી. બી ઝડપી પાશ્રો હતો. 31 ડિસેમ્બર પૂર્વે પોલીસ ચેકીંગ દરમિયાન જી.આઈ. ઝડપાયેલ

ભારકર ન્યૂઝ I અંકલેશર

એલ.ચોકડી પર સંચાલક નજરે ચામુંડા પડે છે. કોર્નરમાં દારૂ

મળી આવ્યો હતો. 6 હજાર ઉપરાંતનો ઈંગ્લીશ દારૂ જપ્ત કર્યો હતો. તેમજ પાનના ગલ્લા સંચાલક ધરપકડ કરી હતી.

અંકલેશ્વર પોલીસ દ્વારા ડિસેમ્બરની ઉજાણીને 31 લઇ કેંગ્લીશ દારૂનો જથ્થો

ચેન્જ ની વેબસાઇટ ઉપર ઉપલબ્ધ છે.

01.30-92-2096

ાળતાં તસ્કરો વીલા મોઢે પરત ફર્યા રિ-હર કોમ્પ્લેક્ષના ત્રે નિશાન બનાવ્યા

> 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.

उरा रत्या छ. अडल खरना (FETP)

ફાઈનલએફ્લુએન્ટ ટ્રીટમેન્ટ પ્લાન્ટ

(NCT) જીપીસીબી ના માપ દંડો

મુજબ કામના કરતા ચિંતામાં વધારો

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

જોવા મળી રહ્યો છે.

યુષ્પકુંજ હરિ-હર કોમ્પ્લેક્ષના મકાન નંબર-39, 40માં હેમંતસિંહ કરિપ્રસાદ ઠાકોરનાઓ રહે છે. ાનિવાર તેમના બંધ બે મકાનોને યત્રી દરમિયાન તસ્કરોએ નિશાન યનાવી મકાનના દરવાજાના નકુચા તોડી મકાનમાં પ્રવેશ કર્યો હતો. ાસ્કરોએ મકાનમાં મુકેલીં તિજોરી ાહીત કબાટો ખોલીને સમાનને ત્રસ્તવ્યસ્ત કરી નાખ્યો હતો. જોકે





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

ANNEXURE-1 (F)

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

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Taluka Panchayat Office AnkEvshwar	alle or a 20 miles and a stand
Taluka Panchayat Office Jhagadia	221- 2-20 221- 2-20 21- 2-2020 1510212020
The Sarpanch Gram Panchayat – Dadhal	
The Sarpanch Gram Panchayat – Kosambdi	A.c. પાકન્પ્ર સરપંચ આય પંચાયન દોગમડી
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19	Notified Area Office, Jhagadia	
18	Notified Area Office, Panoli	Date:- <u>ISII2020</u> Notified Area Office GIDG, Parrolli
17	Notified Area Office, Ankleshwar	NOTIFIED AREA HEGENAREA
16	Ankleshwar Nagar Palika,	255 3613 255 3613 256
1.5	Manish Rana Paryavaran Mitra	Q.
14	Mr.Jayesh Patel Centre For Environment Science and Community,	
13	Mr. Yogesh P. Panua Safety Health and Environment Association Bh ရဘၤ ဟ	J121
12	The Sarpanch Gram Panchayat – Sarangpur	di. 200 and 10. 10.
11	The Sarpanch Gram Panchayat – Piraman, Piraman, Ankleshwar	1213121 21121 121134 15- 1-2026 11213121 21121 121134 15- 1-2026 01. 2100121 21121 121134 15- 1-2026

ઉરયત્તર મ્ય્રાધ્યોમક શાળા જીતાલી તા અંકલેશ્વર જી બરૂચ

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Smt Puspavati Devidas Shroff Sanskardeep Vidhyalaya Ankleshwar	HH HH H H H H H H H H H H H H H H H H
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Chandrabala Modi, academy, Ankleshwar	Dimer Diacademy Diacademy P.O. KONDH, VALLA ROAD, ANKLESHWAR 1393 001
The Principle	DIST. BHARUCH (BUJARAT)
R.B.L.P.S School, Ankleshwar	OIDT. DIMATUCH (DOMARY)
Dr. A. K. Patel	
Ankleshwar	16W 4- 746525
	5001KN F.M. 246535
Dr. Mahesh Mistry	
Ankleshwar	
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ESIC Hospital	Suri/2020 1910:12020
Smt. Jayaben Modi Hospital	
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	1/21
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ANNEXURE-1 (G)



ENVIRO TECHNOLOGY LIMITED

Ref: ETL/ANK/05/2022/152

03rd May, 2022 ID # 15074

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

Sub: Environmental Statement for the year 2021 - 2022

Dear Sir,

We are forwarding herewith 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 2021 – 2022. The treated effluent is being sent to FETP of NCT for further treatment and disposal.

Thanking you.

Yours faithfully,

, Enviro Technology Ltd

AM.Darji General Manager- Operation

CC: The Regional Officer, GPCB, Ankleshwar

HAMSIISIN LYRIAND ESHING TE SI Counter, No:1,0970 Instrum, GANDHINADA PIN:392010, Gandhinagar Gujaral Ho From ENVIRO TECHNO LTD, AW I E Wt:245005 omt:85.00(Cash) (Track on wew.indiapost.gov.in) (Dial 18002566868) (Wear Masks, Stay Safe

RECEIVED Gujarat Pellution Control Board. R.O. Ankleshwar.

CIN NO. : Works Office : U72200GJ1994PLC023786 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 9701-16, GIDC Estate, Ankleshwar - 393 002 Dist. : Bharuch (Gujarat)

Reg. Office :

ENVIRONMENTAL STATEMENT

Environmental Statement for the financial year ending 31^{st} March 2022 <u>PART - A</u>

01	I valito alla adal obb or allo o materi		Director – Mr. Ashok Panjwani Unit Head – Mr. A.M.Darji
			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 En submitted	vironmental Statement	27.04.2021

PART - B

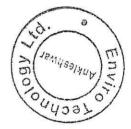
Water and Raw material Consumption

01	Water Consumption	≈ 62.33 m3 / day	
	Process	38.24 m3 / Day	Water is consumed for Di sodium
	Cooling	7.60 m3 / Day	Hydrogen phosphate & Magnesium
	Domestic	16.50 m3/day	chloride solution preparation, Primary & Tertiary Sand Filter & Activated Carbon Filter Backwash Bioaugmentation and domestic purpose

Sr.	Name of Products (*)	Process Water Const	152 E24	
No.	153	product	output	
110.		During the	During the	
		previous financial	current financial	
		year	year	
1.	There is no manufacturing activity as this is a Com capacity is to treat 2200 m3 / day of Industrial eff	luent.		
(*)	Industry may use codes if disclosing details of obligations, otherwise all industries have to name	f raw material would the raw material used.	violate contractual	

02 Raw Material Consumption

Sr. No.	Name of Products (*)	Consumption of raw material (in Kgs)		
		During the current financial year 2020 -2021	During the current financial year 2021 -2022	
1.	Hy.Lime	461493	431433.5	
2.	Hydrogen Peroxide	520	483	
3.	Ferrous Sulphate (Solid)	7570	5440 "	
4.	Activated Carbon	. 275	0	
5.	Deforming Agent	1606	1910	
6.	Polyelectrolyte (Type - 2)	577.39	4018.57	
7.	Phosphoric Acid	91612.7	141610.5	
8.	Magnesium Salt	66067	166275	
9.	Sodium Salt	5711	46500	
10.	Sodium Salt (Anhydrous)	0	0	
11.	Sodium Tri-poly Phosphate (STPP)	2586	1847	
12.	Poly Aluminum Chloride (PAC)	7925	5840	
13.	Deformer (Silicon Base Fin-18)	45220	47620	
14.	Acetic Acid (Glacial)	0	0	
15.	C.S.Lye (30%)	191623	210458.6	



PART - C

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	2135 m3/ day	pH @ 7.51 COD @ 922 mg / l and BOD @ 09 mg / l; Ammonical Nitrogen @ 37 mg / l	Meeting the inlet norms of FETP.
b	Air	All parameters s are within limit.	•	G.set stack & ambient air

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

<u>PART – D</u>

HAZARDOUS WASTE

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

2	Hazardous Wastes	Total Quantity (Kgs)		
		During the previous financial year-20-21	During the current financial year-21- 22	
a	From Process	NIL	NIL	
b	From pollution control facilities (generation)	5255.075	8519.300	
с	Disposed (at BEIL site)	5255.075	8519.300	



<u> PART – E</u>

SOLID WASTE

	Hazardous Wastes				Total Quantit	y in M ³ /MT
				×	During the current financial year 2020-2021	During the current financial year 2021-2022
a	From Pr	rocess			NIL	NIL
b	From (generat	pollution tion)	control	facilities	NIL	NIL

$\underline{PART - F}$

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 super decanter.

ETP sludge is disposed to the Centralized Secured Landfill Facility at BEIL-Ankleshwar.

<u>PART – G</u>

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 smallscale 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.90 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 30 mg/l consistently.
- Implementing new ASP + MLE system in Biological process.
- 8.1 % reduction in sludge generation compared to previous year by process modification & optimization.

$\underline{PART - H}$

Addition measures / investment proposal for environmental protection including abatement of pollution, prevention of pollution.

- The sludge generated will be disposed off at the secured landfill of BEIL and Monthly expenditure will be approx. Rs. 20 Lacs.
- Engaged IIT (Kanpur + Mumbai) for further studies to reduce refractory COD & Improve CETP performance. Approximately Rs 55 Lacs is spent for 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 8.1 % reduction in sludge generation compared to previous year by process modification & optimization.
- 9 75 % Water reduction compared to previous year.
- 10 GPS System installed on tankers and helps in tracking
- 11 Manifest system started for transporting effluent from member industry to ETL
- 12 Studies are conducted through IIT Kanpur / Mumbai for improving the performance
- 13 Electrochemical oxidation studies are carried out through SRICT Ankleshwar

dr, Enviro Technology Limited M. Darii

Unit Head

Date: 03.05.2022 Place :- Ankleshwar



APRIL 2021 TO MARCH 2022

EFFLUENT RECEIPT DATA

Month	Total No. of Tankers Received	Average COD ppm	Average Acidity ppm	Average NH4-N ppm
April 2021	3837	4225	1056	104
May 2021	3787	4072	837	114
June 2021	4233	3720	866	118
July 2021	4411	3735	971	100
August 2021	3547	3375	838	83
September 2021	4209	3894	867	107
October 2021	4593	4112	960	119
November 2021	3462	4180	1150	111
December 2021	4104	3513	837	100
January 2022	4367	4069	916	120
February 2022	3812	4262	1087	126
March 2022	4363	4135	1023	111

PC

bo

APRIL 2021 TO MARCH 2022

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

Month	Opening Balance	Generation	Dispatched to BEIL for Landfilling	Closing Balance
Apr.'21	00	4232810	4232810	00
May.'21	00	280310	280310	00
Jun.'21	00	259890	259890	00
Jul.'21	00	307150	307150	00
Aug.'21	00	192590	192590	00
Sep.'21	00	277620	277620	00
Oct.'21	00	396290	396290	00
Nov.'21	00	367060	367060	00
Dec.'21	00	440550	440550	00
Jan.'22	00	582660	582660	00
Feb' 22	00	536290	536290	00
Mar' 22	00	646080	646080	00
Total		8519300	8519300	



Date of Sampling: 03rd January 2022

Sr. No.	Parameters	Unit	Result	Method Ref.
	ETP SI	LUDGE AI	NALYSIS	
1	CaSO ₄	%	7.69	IS-4256
2	CaCO ₃	%	79.39	IS 2720 : Part 23
3	LOD at 105 °C	%	52.19	APHA 2540 B
4	Total Inorganic Solids	%	97.12	APHA 2540-G
5	ETP SLUDGE 1 Total Acidity	0 % LEAC	NIL	ALYSIS APHA 2310-B
6	Total Alkalinity	mg/L	769	АРНА 2320-В
7	COD	mg/L	726	АРНА 5220-В
8	Oil % Oil emulsion	mg/L	2.94	APHA 5520 - B
9	Cyanide	mg/L	BDL	APHA 4500-CN -G
10	Fluoride	mg/L	0.74	APHA 4500-F -D
11	Phenolic Compound	mg/L	BDL	APHA 5530 - D
12	Iron	mg/L	1.7428	APHA 3111-Fe- B
13	Total Chromium	mg/L	0.4211	APHA 3111-Cr-B
14	Manganese	mg/L	0.1806	APHA 3111-Mn- B
15	Zinc	mg/L	0.1942	APHA 3111-Zn- B
16	Copper	mg/L	0.0463	APHA 3111-Cu-B
17	Lead	mg/L	0.1436	АРНА 3111-РЬ-В
18	Nickel	mg/L	0.3891	APHA 3111-Ni- B



SOIL ANALYSIS REPORT

Sr.No.	Parameters	Results of sampling Done on 21.08.21	Results of sampling Done on 15.02.22
1	pH	7.61	7.67
2	TDS	298 ppm	483 ppm
3	Chloride	58 ppm	90 ppm
4	COD	14 ppm	22 ppm
5	BOD	BDL	BDL
	BD	L = Below Detectable Lim	hit



APRIL 20201 TO MARCH 2022

	AMBIENT AIR MONITORING DATA						
Sr.No.	Month	PM10	PM2.5	SO2	NOX		
	Within		μg /]	N ^{m³}			
1	April 2021	88.11	44.89	27.47	41.38		
2	May 2021	67.27	28.61	15.42	22.63		
3	June 2021	63.64	26.85	11.92	28.70		
4	July 2021	57.94	22.01	10.86	23.88		
5	August 2021	64.83	27.45	13.03	27.07		
6	September 2021	71.82	33.16	14.34	33.51		
7	October 2021	75.79	34.69	16.29	36.05		
8	November 2021	72.38	28.71	13.69	30.03		
9	December 2021	72.64	26.39	18.31	32.04		
10	January 2022	77.10	27.65	20.96	34.51		
11	February 2022	78.70	26.85	21.98	37.74		
12 ·	March 2022	80.21	28.12	26.43	39.66		



APRIL 2021 TO MARCH 2022

D.G STACK MONITORING

Sr.No.	MONTH	SPM miligram/NM3	SO2 ppm	NOx ppm
1	April 2021	34.20	12.60	22.40
2	May 2021	27.45	11.29	23.84
3	June 2021	29.12	12.04	25.26
4	July 2021	28.90	11.90	23.60
5	August 2021	32.15	12.04	24.62
6	September 2021	34.78	13.56	26.34
7	October 2021	32.56	14.31	27.19
8	November 2021	29.48	12.39	26.81
9	December 2021	30.19	11.56	24.04
10	January 2022	37.59	8.07	14.21
11	February 2022	35.31	9.12	16.17
12	March 2022	32.17	10.08	18.24

