

NCT/GPCB/FETP/2024/APR-135

23 April, 2024
PCB ID- 27833

To,
Unit head-Ankleshwar
Gujarat Pollution Control Board,
Paryavan Bhavan, Sector 10A,
Gandhinagar

Sub: submission of Environment statement (Form 5)

Dear Sir,

Please find herewith (form 5) regarding Environment statement filled up for the period of April-2023 to March-2024.

This is for your information.

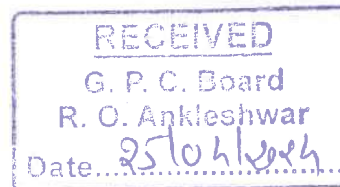
Thanking you,
Yours sincerely,

For NARMADA CLEAN TECH

Umesh Chauhan
24/4/24
UMESH CHAUHAN
CHIEF EXECUTIVE OFFICER

CC- Regional Officer,
Gujarat Pollution Control Board
Plot no. 5009/4-GIDC Estate,
Ankleshwar

O/c *[Signature]*
WAB
23-4-24



FORM- V
(See rule – 14)

From:

Narmada Clean Tech (NCT)

Surti Bhagor, Nr. Gujarat Gas Office,

Umarwada Road, Ankleshwar – 393 001, Dist. Bharuch

To,

Gujarat Pollution Control Board

Sector 10 – A,

GANDHINAGAR – 382 043

ENVIRONMENTAL STATEMENT REPORT for the financial year ending the 31st March, 2024

PART- A

- (i) Name and address of the owner/ : **UMESH CHAHAN, Chief Executive Officer**
Occupier of the Industry, operation or **Narmada Clean Tech (NCT)**
process **Surti Bhagor, Nr. Gujarat Gas Office,**
Umarwada Road,
Ankleshwar – 393 001 (Dist. Bharuch)
- (ii) Date of the last environmental Audit : **26/12/2023**
report submitted
- (iii) Production Capacity : **Not Applicable**
(Large scale FETP unit)
- (iv) Year of Establishment : **2003**
- (v) Last Environment Statement : **06-05-2023**
Submitted

“Submission of environment statement in accordance with the provision of Rule – 14 of the Environment (protection), amendment rule, 1993 of the environment (protection) act, 1986 (29 of 1986) published wide notification date 22.04.1993 G. S. R. 386 (E) in the gazette of India – extraordinary – Part – II section 3 – subsection (i) no. 155 dated 28-4-1993 by Ministry of Environment and Forest, Government of India. ; read with the notification dated 13-2-1993 G.S.R. 329 (E) of the gazette of India - Extraordinary Part – II Section – 3 subsequent (i) No. 120 dated 13-3-1993.

“Every person carrying on an industry, operation or progress regarding contract under section-25 of the water (Prevention and Control of Pollution) Act, 1974 (6 of 1974) or both or authorization under the hazardous wastes (Management and Handling) rules, 1989 Published under the Environment (Protection) Act, 1986(29 of 1986) shall submit an Environment Statement of the financial year ending the 31st march in Form V to the concerned State Pollution Control Board on or before thirteenth day of the September every year , beginning 1993.”

[Signature]

[Signature]
23-4-24

[Signature]
24/4/24

PART B

Water and Raw Material Consumption

(i) Water consumption m³/d (Annual Average)

Process	:	20 m ³	} 385.00 m ³ (Quantity as CC&A) 204.00 m ³ (Actual per day)
Cooling: (Spraying)	:	-----	
Domestic	:	25 m ³	
Plantation	:	340 m ³	

Name of Products	Water consumption per unit of Products	
	During the previous Financial Year	During the Current Financial Year
	(1)	(2)
(1)	FETP Business is only to treat waste water from industries of Ankleshwar & Panoli. No production activity is undertaken at FETP.	
(2)		
(3)		

(ii) Raw Material Consumption

Name of raw materials	Name of products	Consumption of raw material per unit of output	
		2022-2023	2023-2024
Lime	Not Applicable	70.06 MT/Month	55.94 MT/Month
Caustic Soda Lye		10340 KG / Month	800 KG / Month
PAC /SAC		1064.28 MT/Month	1031.41 MT/Month
Poly Electrolyte		2.1326 MT/Month	2.6992 MT/Month

* Industry may use code if disclosing detail of raw material would violate contractual obligation, otherwise all industries have to name the raw material.



MAB
23-4-24

Utkarsh
24/4/24

PART- C

(Pollution discharges to environment/ unit of output)

(Parameter as specified in the consent issued)

		2022-2023			2023-2024		
Pollution		Quality of Pollutants Discharged (Mass/day)	Concentration of Pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reason	Quality of Pollutants Discharged (Mass/day)	Concentration of Pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reason
	COD	15972.48 Kg/d	472 mg/l	Within limit	12276.50 Kg/d	430 mg/l	Within limit
	BOD	812.16 Kg/d	24 mg/l	Within limit	685.20 Kg/d	24 mg/l	Within limit
	TSS	1759.68 Kg/d	52 mg/l	Within limit	1827.20 Kg/d	64 mg/l	Within limit
	Ammonical Nitrogen	3011.76 Kg/d	89 mg/l	-78.0 %	1627.35 Kg/d	57 mg/l	-14.0 %
	Sulphides	—	BDL	Within limit	—	BDL	Within limit
	Oil & Grease	135.36 Kg/d	4.00 mg/l	Within limit	—	BDL	Within limit
	Phenolic Comp.	112.35 Kg/d	3.32 mg/l	Within limit	83.94 Kg/d	2.94 mg/l	Within limit
	Copper	7.44 Kg/d	0.22 mg/l	Within limit	6.85 Kg/d	0.24 mg/l	Within limit
	Nickel	8.80 Kg/d	0.26 mg/l	Within limit	7.71 Kg/d	0.27 mg/l	Within limit
	Chromium	1.69 Kg/d	0.05 mg/l	Within limit	1.43 Kg/d	0.05 mg/l	Within limit
	Zinc	4.40 Kg/d	0.13 mg/l	Within limit	3.71 Kg/d	0.13 mg/l	Within limit
	Cadmium	0.81 Kg/d	0.024 mg/l	Within limit	0.80 Kg/d	0.028 mg/l	Within limit
b) Air	Particulate Matter	Flue Gas Emission takes place in case of DG Set operation. DG Sets are operated in case of power failure only. Pollutant discharge is well within limit as per analysis carried out by MoEF approved laboratory.					
	SO₂						
	NO_x						

Major reason for deviation in discharge of FETP, particularly w.r.t. COD & Ammonical Nitrogen is due to unauthorized discharge.

[Signature]

23-6-24

24/4/24

PART- D**HAZARDOUS WASTES**

[As specified under Hazardous Wastes (Management Handling and Transboundary Movement) Rules, 2008]

Hazardous Wastes	Total Quantity (Kg)	
	2022-2023	2023-2024
(a) From process	Not Applicable	Not Applicable
(b) From pollution Control Facilities	32483340 kg	15138500 kg

PART- E**SOLID WASTES**

			Total Quantity (Kg)	
			2022-2023	2023-2024
(a)	From process		Not Applicable	Not Applicable
(b)	From pollution Control Facilities		32483340 kg	15138500 kg
(c)	(1)	Quantity recycled and reutilized within the unit	-	-
	(2)	Solid	-	-
	(3)	Disposal	32483340 kg	15138500 kg

PART- F

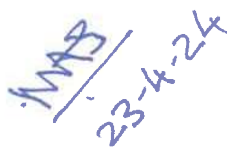
Please specify the characterizations (in terms of composition and quantum) of Hazardous as well solid waste and indicate disposal practice adopted for both these categories of wastes.

There is no toxic work generation during the process of treatment plant. Only mixed solid waste generated from primary & secondary treatment units is sent to Land fill site - TSDF (BEIL).

PART- G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

Variable frequency drives are installed at final pump house to conserve energy. As FETP – NCT is an effluent treatment plant & not a production unit, there is no impact on associated cost of production.


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

- 1. New DO transmeter and sensor installed in Aeration tanks.**
- 2. 4 Nos. of Electrical Actuator valve for PE dosing installed in Inlet area.**

PART- I

Any other particulates in respect of environmental protection and abatement of pollution.

- 1. Ground water analysis is carried out monthly.**
- 2. Monthly Environmental Monitoring is carried out by MoEF & NABL accredited agency namely ARAIL, Ankleshwar.**
- 3. NCT is ISO – 14001: 2004 certified company since December, 2008.**

(Signature of the person caring out an
Industry – operation or process)

Name: UMESH CHAUHAN
Designation: Chief Executive Officer
Address: AS ABOVE
Date: 23-04-2024


23-4-24