

email: kspcbpta@gmail.com

Phone/ fax: 0468-2223983

കേരള സംസ്ഥാന മലിനീകരണ നിയന്ത്രണ ബോർഡ്

KERALA STATE POLLUTION CONTROL BOARD

ജില്ലാ ഓഫീസ്, OPP ജനറൽ ആശുപത്രി, KK Nair Road, കുന്തിയോട്ടത്തിൽബിൽഡിംഗ്, പത്തനംതിട്ട-689 645
DISTRICT OFFICE, OPP.GENERAL HOSPITAL, KK NAIR ROAD, BEHIND AVG MOTORS, PATHANAMTHITTA6896



web site: www.keralapcb.nic.in – for Online registration, visit-krocmms.nic.in or keralapcbonline.com

ഭരണഭാഷ - മാതൃഭാഷ

PCB/PTA/ICO/4337/2013

04.09.2023

From

Environmental Engineer

To

The Chief environmental engineer
Regional office
Kerala State Pollution Control Board
Thiruvananthapuram

Sub:- Analysis report of CETP,Kinfra,Adoor-reg

Ref:- That office Letter No.PCB/HO/SEE2/AMR/2019 dated 03.03.2022.

Sir,

With reference to the above,I am forwarding herewith the analysis report of CETP for the month of August, 2023 for your kind information.

Yours faithfully,

ENVIRONMENTAL ENGINEER

Enclosure : Inspection report , Analysis report.

KERALA STATE POLLUTION CONTROL BOARD, DISTRICT OFFICE, PATHANAMTHITTA

INSPECTION REPORT FOR THE MONTH OF AUGUST 2023 (CETP)

Date of Inspection	Name of unit	Quantity of Effluent m ³ /day	ETP Units	Analysis Report of Effluent sample			Mode of disposal of treated effluent	Mode of disposal of ETP Sludge
				pH	BOD	FC		
11.08.2023	Common ETP, Kinfra, Adoor	225	Screen chamber, equalization tank, aeration tank clarifier, filter feed tank, chlorine closing ,activated carbon filter, pressure sand filter, clean water tank, sludge tank, sludge drying beds	8.8	28	Nil	Soak pit	Sludge drying beds



mail: kspcbpta@gmail.com

Phone/ fax: 0468-2223983



കേരള സംസ്ഥാന മലിനീകരണ നിയന്ത്രണ ബോർഡ്

KERALA STATE POLLUTION CONTROL BOARD

ജില്ലാ ആഫീസ്, OPP ജനറൽ ആശുപത്രി, KK Nair Road, കുന്നിതോട്ടത്തിൽബിൽഡിങ്, പത്തനംതിട്ട-689 645
DISTRICT OFFICE, OPP.GENERAL HOSPITAL, KK NAIR ROAD, BEHIND AVG MOTORS, PATHANAMTHITTA689645



web site: www.keralapcb.nic.in – for Online registration, visit-krocmmms.nic.in or keralapcbonline.com

ഭരണഭാഷ - മാതൃഭാഷ

ANALYSIS REPORT

Date: 19.08.2023

Source: Kinfra food processing Industrial Park, Elamannoor (Common ETP)

Date of sampling: 11.08.2023

Date of sample Received: 14.08.2023

NATURE OF SAMPLE: Effluent

SL NO	Parameters	Unit	PCB 45	Limit
			Outlet	
1	pH		8.8	5.5-9.0
2	BOD	mg/L	28	30
3	COD	mg/L	144	250
4	SS	mg/L	110	100
5	O & G	mg/L	8.8	10

2A14
19/08/23
AE3/4EAS
OK
19/8/23

Remarks: SS exceeded the limit.

ASSISTANT SCIENTIST

SI. NO	PARAMETRES	PTA 05 (KOTTAKKALKADAVU BRIDGE, KORATHIKKADAVU)				PTA 06 (NEAR PARUMALA BRIDGE)			
		04.01.23	02.02.23	03.03.23	04.04.23	04.01..23	02.02.23	03.03.23	04.04.23
1	Cadmium,mg/L	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
2	Chromium Total mg/L	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
3	Copper , mg/L	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
4	Iron, mg/L	0.81	0.48	0.24	0.35	1.05	0.34	0.31	0.26
5	Manganese , mg/L	0.13	0.05	BDL	BDL	0.17	BDL	BDL	BDL
6	Nickel, mg/L	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
7	Lead , mg/L	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
8	Zinc ,mg/L	0.03	0.06	0.04	0.06	0.07	0.07	0.02	0.08
9	Arsenic,mg/L	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
10	Mercury , mg/L	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL

SI. NO	PARAMETRES	PTA 07 (MANNAR-PANNAI BRIDGE)			
		04.01.23	02.02.23	03.03.23	04.04.23
1	Cadmium,mg/L	BDL	0.01	BDL	BDL
2	Chromium Total mg/L	BDL	BDL	BDL	BDL
3	Copper , mg/L	BDL	BDL	BDL	BDL
4	Iron, mg/L	1.07	0.61	0.23	0.15
5	Manganese , mg/L	0.10	BDL	BDL	BDL
6	Nickel, mg/L	BDL	BDL	BDL	BDL
7	Lead , mg/L	BDL	BDL	BDL	BDL
8	Zinc ,mg/L	0.03	0.07	BDL	0.03
9	Arsenic,mg/L	BDL	BDL	BDL	BDL
10	Mercury , mg/L	BDL	BDL	BDL	BDL