



KERALA STATE POLLUTION CONTROL BOARD

DISTRICT OFFICE (ERNAKULAM -II), PERUMBAVOOR

PMC 20/733, Govt. Hospital- KSRTC Road, Near Kallunkal Auditorium, Perumbavoor-683 542

Telephone: 0484-2593747

E-mail: pcbdo2ekm@gmail.com

Website: www.keralapcb.nic.in

PCB/PBR/LAB/1/2013

Date: 29.05.2023

ANALYSIS REPORT

Source : CETP KINFRA SMALL INDUSTRIES NELLAD

Sample Point : ACF OUTLET

D.O.S : 16.05.2023

D.O. Rd : 17.05.2023

Collected by : NAMP-II

Sample ID : PCB-34

Sl.No.	Parameters	Unit	Value	Test Method	KSPCB Limit
1	pH		6.54	APHA, 4500 H ⁺ B 23 rd Edition 2017.	6.0-9.0
2	BOD	mg/l	130	APHA, 5210 B, 23 rd Edition 2017	30
3	COD	mg/l	320	APHA 5220 B, 23 rd Edition 2017	250
4	SS	mg/l	52.8	APHA 2540 D, 23 rd Edition 2017	100
5	OIL & GREASE	mg/l	43.2	APHA, 5520 B, 23 rd Edition 2017	10
6	FLUORIDES	mg/l	1.1	APHA, 4500-F ⁻ C, 23 rd Edition 2017	2
7	CHLORIDES	mg/l	55.98	APHA, 4500-Cl ⁻ B, 23 rd Edition 2017	1000
8	SULPHATES	mg/l	47.14	APHA, 4500-SO ₄ , 23 rd Edition 2017	1000
9	SULPHIDES	mg/l	340	APHA-4500-S ²⁻ D 23 rd Edition 2017	2
10	PHOSPHATES	mg/l	0.327	APHA, 4500-P, 23 rd Edition 2017	5
11	AMMONIACAL NITROGEN	mg/l	3.35	APHA, 4500-NH ₃ -F, 23 rd Edition 2017	50
12	PHENOLIC COMPOUNDS	mg/l	BDL	APHA, 5530 C, 23 rd Edition 2017	1

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Kerala State Pollution Control Board
Dist. Office (Ernakulam-II)
29 MAY 2023
Perumbavoor - 68354

SARANYA DAS. K.
Assistant Scientist



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Date: 29.05.2023

ANALYSIS REPORT

Source : CETP RUBBER PARK IRAPURAM

Sample Point : FILTER OUTLET

D.O.S : 16.05.2023

D.O. Rd : 17.05.2023

Collected by : NAMP-II

Sample ID : PCB-24

Sl.No.	Parameters	Unit	Value	Test Method	KSPCB Limit
1	pH		7.14	APHA, 4500 H ⁺ B 23 rd Edition 2017.	6.0-9.0
2	BOD	mg/l	110	APHA, 5210 B. 23 rd Edition 2017.	30
3	COD	mg/l	240	APHA, 5220 B. 23 rd Edition 2017	250
4	OIL & GREASE	mg/l	BDL	APHA, 5520 B. 23 rd Edition 2017	10
5	SS	mg/l	70	APHA, 2540-D. 23 rd Edition 2017	100
6	TDS	mg/l	2013.2	APHA 2540-C. 23 rd Edition 2017	2100
7	AMMONIACAL NITROGEN	mg/l	BDL	APHA 4500-NH ₃ -F, 23 rd Edition 2017	50
8	SULPHIDES	mg/l	3240	APHA, 4500-S ²⁻ -F, 23 rd Edition 2017	2
9	FLUORIDES	mg/l	0.92	APHA, 4500-F ⁻ -C, 23 rd Edition 2017	2
10	CHLORIDES	mg/l	51.98	APHA, 4500-Cl ⁻ -B, 23 rd Edition 2017	1000
11	SULPHATES	mg/l	182.53	APHA, 4500-SO ₄ . 23 rd Edition 2017	1000
12	PHENOLIC COMPOUNDS	mg/l	BDL	APHA, 5530 C. 23 rd Edition 2017	1

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E-mail: pcbdo2ekm@gmail.com

Website: www.keralapcb.nic.in

PCB/PBR/LAB/1/2013

Date: 24.05.2023

ANALYSIS REPORT

Source : SEPTAGE TREATMENT PLANT, BRAHMAPURAM

Sample Point : FILTERED EFFLUENT TANK

D.O.S : 03.05.2023

D.O. Rd : 04.05.2023

Collected by : NAMP AE3

Sample ID : PCB-55

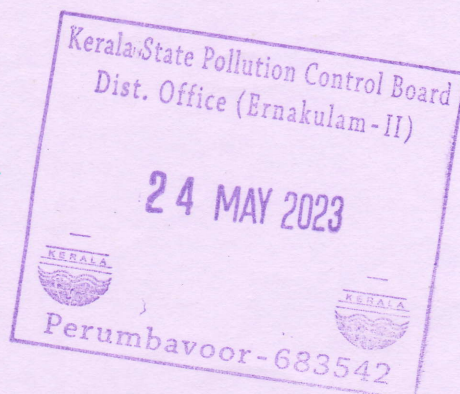
Sl.No.	Parameters	Unit	Value	Test Method	KSPCB Limit
1	pH		6.35	APHA, 4500 H ⁺ B 23 rd Edition 2017	6.5-8.5
2	BOD	mg/l	<u>80</u>	APHA, 5210 B, 23 rd Edition 2017	30
3	COD	mg/l	160	APHA, 5220 B, 23 rd Edition 2017	250
4	SS	mg/l	109.6	APHA, 2540-D, 23 rd Edition 2017	100
5	PHOSPHATES	mg/l	0.26	APHA-4500 P-E 23 rd Edition 2017	5
6	SULPHATES	mg/l	82.19	APHA, 4500-SO ₄ , 23 rd Edition 2017	1000
7	SULPHIDES	mg/l	332	APHA-4500-S ²⁻ D 23 rd Edition 2017	2.8
8	AMMONIACAL NITROGEN	mg/l	BDL	APHA, 4500-NH ₃ -F, 23 rd Edition 2017	50
9	FAECAL COLIFORM	cfu/100ml	NIL	APHA 9222 D, 23 rd Edition 2017	<1000
10	FAECAL STREPTOCOCCI	cfu/100ml	8	APHA 9230 A, 23 rd Edition 2017	-

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*AE3 - P. R. Prapane
draft letter reg.
examination*

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SARANYA DAS. K.
Assistant Scientist

KERALA STATE POLLUTION CONTROL BOARD
കേരള സംസ്ഥാന മലിനീകരണ നിയന്ത്രണ ബോർഡ്



DISTRICT OFFICE, THIRUVANANTHAPURAM
ജില്ലാ ഓഫീസ്, തിരുവനന്തപുരം

T. C. 12/96 (4,5), PLAMOODU JN., PATTOM P.O, THIRUVANANTHAPURAM - 695 004
ടി.സി. 12/96 (4,5), പ്ലാമൂട് ജംഷൻ, പട്ടം പി.ഒ, തിരുവനന്തപുരം - 695 004



ANALYSIS REPORT

No: 202425

Date: 23/05/2023

Source		Kinfra, Pallithura, Thiruvananthapuram.		
Sample Received From		NAMP Operator	Date of sample collection	11/05/2023
Date of Receipt		11/05/2023	Sample ID	TVM 123
Sl. No.	Parameter	Unit	Value	Permissible Limit
1	pH	-	7.8	6.5-8.5
2	Total Suspended Solids	mg/L	31.2	100
3	BOD (3days @27°C)	mg/L	12.6	30
4	COD	mg/L	48	250
5	Oil & Grease	mg/L	BDL	10
6	Fecal Coliform	cfu/100ml	1100	--
Remarks: BDL-Below Detection Level				
Verified by <i>Mulana (AS)</i>				
Scientist-in-Charge of Analysis				
<i>Almeida</i> 23/05/2023 ASSISTANT ENVIRONMENTAL SCIENTIST				

0471-2303844

e.mail: kspcbdotvpm@gmail.com

Website: kspcb.kerala.gov.in

KERALA STATE POLLUTION CONTROL BOARD

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ANALYSIS REPORT

No: 202424

Date: 23/05/2023

Source		Medical College Hospital, Thiruvananthapuram.		
Sample Received From	NAMP Operator	Date of sample collection	10/05/2023	
Date of Receipt	10/05/2023	Sample ID	PCB 08 (STP Outlet)	
Sl. No.	Parameter	Unit	Value	Permissible Limit
1	pH	-	7.4	6.5 - 9
2	Total Suspended Solids	mg/L	83	100
3	BOD (3 days @ 27°C)	mg/L	32.4	30
4	COD	mg/L	104	250
5	Oil & Grease	mg/L	BDL	10
6	Total Coliform	cfu/100ml	12100	-
7	Fecal Coliform	cfu/100ml	7600	-

Remarks: BDL-Below Detection Level

Verified by

Muleenu CSS

Scientist-in-Charge of Analysis

Shinu
23/05/2023

ASSISTANT ENVIRONMENTAL SCIENTIST

0471-2303844

e.mail: kspcbdotvpm@gmail.com

Website: kspcb.kerala.gov.in

KERALA STATE POLLUTION CONTROL BOARD

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DISTRICT OFFICE, THIRUVANANTHAPURAM

ജില്ലാ ഓഫീസ്, തിരുവനന്തപുരം

T. C. 12/96 (4,5), PLAMOODU JN., PATTOM P.O, THIRUVANANTHAPURAM - 695 004

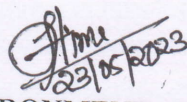
ടി.സി. 12/96 (4,5), പ്ലാമൂട്ട് ജംഗ്ഷൻ, പട്ടം പി.ഒ, തിരുവനന്തപുരം - 695 004



ANALYSIS REPORT

No.202423

Date: 23/05/2023

Source		STP Muttathara, Thiruvananthapuram.		
Sample Received From		NAMP Operator	Date of sample collection	10/05/2023
Date of Receipt		10/05/2023	Sample ID	04 (STP Outlet)
Sl. No.	Parameter	Unit	Value	Permissible Limit
1	pH	-	7.2	6.5 - 9
2	Total Suspended Solids	mg/L	57	< 50
3	BOD (3 days @ 27°C)	mg/L	18.6	20
4	COD	mg/L	64	-
5	Oil & Grease	mg/L	BDL	-
6	Fecal Coliform	cfu/100ml	200	< 1000
Remarks: BDL-Below Detection Level				
Verified by <u>Mulana CPS</u>				
Scientist-in-Charge of Analysis				
 23/05/2023 ASSISTANT ENVIRONMENTAL SCIENTIST				