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# 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: 202859

24/11/2025

Source		STP Muttathara, Thiruvananthapuram		
Sample Received From	NAMP Operator	Date of sample collection	05/11/2025	
Date of Receipt	05/11/2025	Sample ID	22	
Sl. No.	Parameter	Unit	Value	Permissible Limit
1	pH	-	6.9	6.5 - 9.0
2	Total Suspended Solids	mg/L	38	< 50
3	BOD (3 days @ 27°C)	mg/L	6.5	20
4	COD	mg/L	60	-
5	Oil & Grease	mg/L	BDL	-
6	Fecal Coliform	MPN/100ml	310.	<1000

Remarks: BDL-Below Detection Level

Verified by

  
AISWARYA RAJ V.R.

Assistant Scientist  
Scientist-in-Charge of Analysis

  
HIMA S.H.

Assistant Environmental Scientist

☎ 0471-2303844

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## ANALYSIS REPORT

No: 202858

24/11/2025

Source		CETP KINFRA		
Sample Received From		Namp Operator	Date of sample collection	05/11/2025
Date of Receipt		05/11/2025	Sample ID	11
Sl. No.	Parameter	Unit	Value	Permissible Limit On land for irrigation
1	pH	-	7.4	6.0-9.0
2	Total Suspended Solids	mg/L	22.0	100
3	Total Dissolved Solids	mg/L	813	2100
4	BOD (3 days @ 27° C)	mg/L	1.2	100
5	COD	mg/L	68	250
6	Oil & Grease	mg/L	1.9	10
7	Ammoniacal Nitrogen	mg/L	7.9	NS
8	Nitrate Nitrogen	mg/L	12.7	NS
9	Total Kjeldahal Nitrogen	mg/L	28.6	NS
10	Phosphates	mg/L	0.0383	NS
11	Chlorides	mg/L	400	1000
12	Sulphates	mg/L	1.2183	1000
13	Fluoride	mg/L	0.8	2
14	Total Residual Chlorine	mg/L	2	1
15	Phenolic Compounds	mg/L	BDL	1
16	Sulphides	mg/L	BDL	2
17	Cyanide	mg/L	BDL	NS

Remarks: BDL-Below Detection Level , NS -Not Specified

Verified by

*(Signature)*  
AISWARYA RAJ V.R.

Assistant Scientist  
Scientist-in-Charge of Analysis

*(Signature)*  
HIMA S.H.

Assistant Environmental Scientist

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## ANALYSIS REPORT

No: 202857

24/11/2025

Source		Medical College Hospital, Thiruvananthapuram.		
Sample Received From		NAMP Operator	Date of sample collection	05/11/2025
Date of Receipt		05/11/2025	Sample ID	14
Sl. No.	Parameter	Unit	Value	Permissible Limit
1	pH	-	3.1	6.5 - 8.5
2	Total Suspended Solids	mg/L	9.0	10
3	BOD (3 days @ 27°C)	mg/L	1.2	3
4	Oil & Grease	mg/L	0.7	1
5	Bio-assay Test	-	100% fish died within 1 hour.	90% survival of fish after 96 hours in 100% effluent prior to disinfection.
6	COD	mg/L	52	-
7	Total Coliform	cfu/100ml	Nil	-
8	Fecal Coliform	cfu/100ml	Nil	-

Verified by

*(Signature)*  
**AISWARYA RAJ V.R.**  
 Assistant Scientist  
 Scientist-in-Charge of Analysis

*(Signature)*  
**HIMA S.H.**  
 Assistant Environmental Scientist

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കേരള സംസ്ഥാന മലിനീകരണ നിയന്ത്രണ ബോർഡ്

**KERALA STATE POLLUTION CONTROL BOARD**

ജില്ലാ ഓഫീസ്, കോട്ടയം ശ്രീനിവാസ അയ്യർ റോഡ്, കോട്ടയം-686001

**DISTRICT OFFICE, KOTTAYAM, Sreenivasa Iyer Road, Kottayam-686001**



“ഭരണഭാഷ - മാതൃഭാഷ”

PCBDKT/723/2024-AS

### Analysis Report

Analysis Report No.	2552	Date	26/11/2025	Format No:	nil
Application No		Date of collection			19/11/2025
Received From	AE3	Date of Receipt			19/11/2025
No. Of Sample	1	Period of Analysis			19/11/2025 –25/11/2025
Source	CSTP house boat at Kumarakom	Scientist in charge			Jyotsna Baby
Sample Condition	Fit for analysis	Sample Point			Filter Outlet
Sample Collected By	AE3	Sample volume & container type			2 L Plastic container
Sample Preservation	AS per APHA/IS:3025(Part-1)				

Sample ID: CSTP Kumarakom

Sl No.	Parameters	Unit	Filter outlet	Limit	Test Method
1.	pH	----	7.5	5.5-9.0	IS Part 44
2	SS	mg/L	14	100.0	APHA 2540D
3.	BOD	mg/L	11.2	30.0	APHA 5210 B,5-5 to 5-10
4.	Oil and Grease	mg/L	BDL	10.0	APHA 5520B

Checked by

Authorised by



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REGIONAL OFFICE, KOZHIKODE

Phone: 2386744 (CEB) Report: 2386744 (R.O.)  
 3<sup>rd</sup> FLOOR, JAMSHEDJI'S SQUARE, LINK ROAD, KOZHIKODE - 673 002

**ANALYSIS REPORT OF WASTEWATER**

<b>Report No.</b>	<b>K R O S 5 8 0 7 / 1 - 4</b>	<b>Date:</b>	<b>1 0 1 1 2 0 2 5</b>
<b>Date of Sample Collection</b>	2 2 1 0 2 0 2 5	<b>Date of receipt of the sample</b>	2 3 1 0 2 0 2 5
<b>Time</b>	Hours: NOT GIVEN	<b>Time</b>	Hours: 1 1 : AM
<b>Sampled by:</b>	AE-2,DO,KKD	<b>Sample ID</b>	PCB 4,PCB 216,PCB 206 A,DS I
<b>Sampling Method</b>	NOT GIVEN	<b>Sample Lab Code</b>	KROS 5807/1-4
<b>Sample container</b>	PC-2.5L	<b>Ref. letter No.</b>	PCB/KKD/DO/GOVT.MEDICAL COLLEGE Dated:23.10.2025
<b>Source:</b>	GOVT. MEDICAL COLLEGE, KOZHIKODE	<b>Received from:</b>	EE/DO/KKD
		<b>Period of analysis:</b>	23.10.2025-07.11.2025
<b>Specific sampling location:</b>	PCB 4 -1MLD NEW PLANT PCB 216 - 2MLD OLD PLANT PCB 206A - 2MLD NEW PLANT DS I - 500 KLD PLANT	<b>No. of samples:</b>	4
		<b>Analysed by:</b>	NSS/PVH/SP/AJ
<b>Sample preservation:</b>	ICE	<b>Method:</b> Standard Methods for the examination of Water and Wastewater, APHA AWWA WEF (22 <sup>nd</sup> Ed.)	

Sl no	Parameters	Unit	LDL	Method No.	Sample ID				DESIRABLE LIMIT
					PCB 4	PCB 216	PCB 206A	DS I	
1	pH	-	2	APHA 4500-H <sub>+</sub> B	7.5	7.5	8	10	6.5-8.5
2	TOTAL SUSPENDED SOLIDS (Dried at 103-105°C)	mg/L	4	APHA 2540D	6.3	BDL	25.7	20.9	20
3	BOD	mg/L	0.5	IS3025 (Part 44)	16.27	7.27	14.67	7.27	10
4	COD	mg/L	5	APHA 5020B	32	16	160	40	50
5	OIL & GREASE	mg/L	4.7	APHA 5520 B	BDL	BDL	BDL	BDL	10
6	AMMONIACAL-N	mg/L	0.02	APHA 4500 NH <sub>3</sub> P	0.612	0.265	0.261	3.3016	-
7	NITRATE- N	mg/L	0.09	APHA 4500 O <sub>2</sub> B	0.807	0.263	0.807	0.789	-
8	TOTAL RESIDUAL CHLORINE	mg/L	0.2	APHA 4500 Cl <sub>2</sub> B	NIL	NIL	NIL	NIL	-

PCB 4 : 1 MLD NEW PLANT  
 PCB 216 : 2 MLD OLD PLANT  
 PCB 206A : 2 MLD NEW PLANT  
 DS I : 500 KLD PLANT

Remarks: LDL-Lower Detection limit. BDL-Below Detection Limit.

*(Signature)*  
 15/10/25  
 Scientist in charge



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കോഴിക്കോട് റജ്യണൽ ഓഫീസ്  
REGIONAL OFFICE, KOZHIKODE

Phone: 2308744 (CEE); kspcb.kerala.gov.in  
3<sup>rd</sup> FLOOR, ZAMORIN'S SQUARE, LINK ROAD, KOZHIKODE - 673 002

**ANALYSIS REPORT OF WASTEWATER**

<b>Report No.</b>	<b>K R O S 5 8 4 0 / 1 - 3</b>	<b>Date:</b>	<b>0 1 1 2 2 0 2 5</b>
Date of Sample Collection	1 1 1 1 2 0 2 5	Date of receipt of the sample	1 2 1 1 2 0 2 5
Time	Hours: NOT GIVEN	Time	Hours: 1 1 : AM
Sampled by:	AE-3,RO,KKD	Sample ID	WWB,WW203,PCB 201
Sampling Method	NOT GIVEN	Sample Lab Code	KROS 5840/1-3
Sample container	PC-2.5L	Ref.letter No.	PCBRKD/28/2023-AE1 Dated:12.11.2025
Source:	GOVT.MEDICAL COLLEGE KOZHIKODE	Received from:	CEE/RO/KKD
		Period of analysis:	12.11.2025-28.11.2025
Specific sampling location:	WWB-FILTER OUTLET OF 2 MLD STP WW203-FILTER OUTLET OF OLD 2MLD STP PCB 201-FILTER OUTLET OF NEW 1MLD STP	No. of samples:	3
		Analysed by:	NSS/HPV/SP/AJ
Sample preservation:	ICE	Method:Standard Methods for the examination of Water and Wastewater, APHA AWWA WEF (22 <sup>nd</sup> Ed.)	

Sl no	Parameters	Unit	LDL	Method No.	Sample ID			DESIRABLE LIMIT
					WWB	WW 203	PCB 201	
1	pH	-		APHA 4500-H <sub>+</sub> B	7	7	7.5	6.5-8.5
2	TOTAL SUSPENDED SOLIDS (Dried at 103-105°C)	mg/L	4	APHA 2540D	32.5	BDL	BDL	20
3	BOD	mg/L	0.5	IS3025 (Part 44)	35.87	6.27	48.67	10
4	COD	mg/L	5	APHA 5220B	272	40	120	50
5	OIL & GREASE	mg/L	4.7	APHA 5520 B	BDL	BDL	BDL	10
6	AMMONIACAL-N	mg/L	0.02	APHA 4500 NH <sub>3</sub> F	139.808	208.711	224.139	-
7	FECAL COLIFORM	CFU/100 ML	1	APHA 9222 D	1300	1200	2000	100

**WW B : FILTER OUTLET OF 2 MLD STP USING ELECTROCOAGULATION TECHNIQUE**  
**WW 203 : FILTER OUTLET OF OLD 2MLD STP**  
**PCB 201 : FILTER OUTLET OF NEW 1MLD STP USING ELECTROCOAGULATION TECHNIQUE**

Remarks: LDL-Lower Detection limit. BDL-Below Detection Limit.

*[Signature]*  
Scientist in charge