

0471-2303844

e.mail: kspcbdotvpm@gmail.com

Website: kspcb.kerala.gov.in

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: 202819

14/08/2025

Source		Medical College Hospital, Thiruvananthapuram.		
Sample Received From		NAMP Operator	Date of sample collection	02/08/2025
Date of Receipt		02/08/2025	Sample ID	204
Sl. No.	Parameter	Unit	Value	Permissible Limit
1	pH	-	3.2	6.5 – 8.5
2	Total Suspended Solids	mg/L	18	10
3	BOD (3 days @ 27°C)	mg/L	2.9	3
4	Oil & Grease	mg/L	BDL	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	48	-
7	Total Coliform	cfu/100ml	Nil	-
8	Fecal Coliform	cfu/100ml	Nil	-

Remarks: BDL-Below Detection Level

Verified by

AISWARYA RAJ V.R.
 Assistant Scientist

Scientist-in-Charge of Analysis

HIMA S.H.

Assistant Environmental Scientist

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

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



ANALYSIS REPORT


No: 202820

Date: 14/08/2025

Source		Kinfra, Pallithura, Thiruvananthapuram.		
Sample Received From		NAMP Operator	Date of sample collection	02/08/2025
Date of Receipt		02/08/2025	Sample ID	45
Sl. No.	Parameter	Unit	Value	Permissible Limit
1	pH	-	7.2	6.5 - 8.5
2	Total Suspended Solids	mg/L	36	100
3	BOD (3 days @ 27°C)	mg/L	3.5	30
4	COD	mg/L	80 stant	250
5	Oil & Grease	mg/L	BDL	10
6	Fecal Coliform	cfu/100ml	Nil	--

Remarks: BDL-Below Detection Level

Verified by


AISWARYA RAJ V.R.
Assistant Scientist

Scientist-in-Charge of Analysis


HIMA S.H.

Assistant Environmental Scientist

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), പ്ലാമൂട് ജംഷൻ, പട്ടം പി.ഒ, തിരുവനന്തപുരം - 695 004

**ANALYSIS REPORT**

No: 202821

14/08/2025

Source		STP Muttathara, Thiruvananthapuram		
Sample Received From	NAMP Operator	Date of sample collection	02/08/2025	
Date of Receipt	02/08/2025	Sample ID	40	
Sl. No.	Parameter	Unit	Value	Permissible Limit
1	pH	-	7.0	6.5 - 9.0
2	Total Suspended Solids	mg/L	20	< 50
3	BOD (3 days @ 27°C)	mg/L	1.2	20
4	COD	mg/L	68	-
5	Oil & Grease	mg/L	BDL	-
6	Fecal Coliform	cfu/100ml	1000	<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



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കോഴിക്കോട് റീജണൽ ഓഫീസ്
REGIONAL OFFICE, KOZHIKODE



Phone: 2300744(CEE); kspcb.kerala.gov.in
3rd FLOOR, ZAMORIN'S SQUARE, LINK ROAD, KOZHIKODE - 673 052

ANALYSIS REPORT OF WASTEWATER

Report No.	K R O S 5 7 3 1 / 1 _ 3	Date:	0 3 0 9 2 0 2 5
Date of Sample Collection	1 1 0 8 2 0 2 5	DATE OF RECEIPT OF THE SAMPLE	1 3 0 8 2 0 2 5
Time	Hours: NOT GIVEN	Time	Hours: 2 : 4 5 P M
Sampled by:	AE 2, DO, KKD	Sample ID	PCB C1, PCB 42, PCB AA6
Sampling Method	NOT GIVEN	Sample Lab Code	KROS 5731/1-3
Sample container	PC-2.5L	Ref.letter No.	File No: PCB/DO/KKD/GOVT MEDICAL COLLEGE Dated: 13.08.2025
Source:	GOVT MEDICAL COLLEGE, KOZHIKODE	Received from:	EE/DO/KKD
		Period of analysis:	13.08.2025-03.09.2025
Specific sampling location:	3 STPs OF GOVT. MEDICAL COLLEGE, KOZHIKODE PCB C1- 1 MLD NEW PLANT PCB 42- 2 MLD NEW PLANT PCBAA6- 2 MLD OLD PLANT.	No. of samples	3
		Analysed by:	PVH/NSS/MT/AKR
Sample preservation:	ICE	Method: Standard Methods for the examination of Water and Wastewater, APHA AWWA WEF (22 nd Ed.)	

sl no	Parameters	unit	LDL	Method No.	Sample ID		
					PCB C1	PCB 42	PCB AA6
1	pH	-	2	APHA 4500-H+,B	7.8	6.5	7
2	SUSPENDED SOLIDS	mg/L	4	APHA 2540D	38.9	94.4	9.8
3	BOD	mg/L	0.5	IS3025 (Part 44)	26.67	77.87	9.07
4	COD	mg/L	5	APHA5220B	112	176	48
5	OIL&GREASE	mg/L	4.7	APHA 5520B	BDL	BDL	BDL
6	TOTAL RESIDUAL CHLORINE	mg/L	0.2	APHA 4500 Cl ⁻ G	NIL	NIL	NIL
7	AMMONIACAL-N	mg/L	0.02	APHA 4500 NH ₃ F	77.352	142.944	56.01
8	NITRATE NITROGEN	mg/L	0.09	APHA 4500 NO ³⁻ B	1.158	1.621	0.958

Remarks: LDL-Lower Detection limit BDL-Below Detection Limit
PCB C1- 1 MLD NEW PLANT
PCB 42- 2 MLD NEW PLANT
PCBAA6- 2 MLD OLD PLANT.

[Signature]
Scientist in charge



KERALA STATE POLLUTION CONTROL BOARD
DISTRICT OFFICE
RUBCO HOUSE, 6TH FLOOR, SOUTH BAZAR,
KANNUR-670002
Telephone: 0497-2711621

ANALYSIS REPORT

Report No:	KNR-1678	Date:	07-05-2025		
Date of sample	21-04-2025	Date of receipt:	21-04-2025		
Sample received	The Environmental Engineer	Sample ID:	EFF:763		
Source:	Effluent	Ref. Letter.No.	PCB/KNR/DO/2003/2024		
Sample	PC 2.5L	Sampled by:	PA		
Sample type:	Effluent	Period of Analysis:	21/04/2025 to 06/05/2025		
Specific sampling location:	Treated Water sample from CSTP at Old Age Home, Azhikode, Kannur	Analysed by:	JSA		
Sample	As per APHA/IS:3025 (Part	No. of Samples:	1		
Scientist -in-Charge of	Asst.Scientist	Method: Standard methods for the examination of Water and Waste Water, APPA AWWA WEF (22nd Ed)			
Sl.No.	Parameters	Unit	Sample ID		
			EFF-763		
1	pH		7.61		
2	BOD (3 days at 27 ⁰ C)	mg/L	9.1		
3	Oil and Grease	mg/L	8.16		
4	TSS	mg/L	66		


BDL- Below Detection Limit

ND- Not Detectable

Sample Details:

EFF:763-Treated Water sample from CSTP at Old Age Home, Azhikode, Kannur

This test results is restricted for the water sample(s) collected by Project Assistant dt on 21/04/2025 only


Scientist in charge
Dr. VIJAYTHA VIJAYAKUMAR
ASSISTANT SCIENTIST



KERALA STATE POLLUTION CONTROL BOARD
DISTRICT OFFICE
RUBCO HOUSE, 6TH FLOOR, SOUTH BAZAR,
KANNUR-670002
Telephone: 0497-2711621

ANALYSIS REPORT

Report No:	KNR-1676	Date:	07-05-2025		
Date of sample	21-04-2025	Date of receipt:	21-04-2025		
Sample received	The Environmental Engineer	Sample ID:	EFF:761		
Source:	Effluent	Ref. Letter.No.	PCB/KNR/DO/2003/2024		
Sample	PC 2.5L	Sampled by:	PA		
Sample type:	Effluent	Period of Analysis:	21/04/2025 to 06/05/2025		
Specific sampling location:	Treated Water sample from CSTP Padannappalam, Kannur	Analysed by:	JSA		
Sample	As per APHA/IS:3025 (Part	No. of Samples:	1		
Scientist -in-Charge of	Asst.Scientist	Method: Standard methods for the examination of Water and Waste Water, APPA AWWA WEF (22nd Ed)			
Sl.No.	Parameters	Unit	Sample ID		
			EFF-761		
1	pH		7.34		
2	BOD (3 days at 27°C)	mg/L	23		
3	Oil and Grease	mg/L	12.96		
4	TSS	mg/L	122		

BDL- Below Detection Limit

ND- Not Detectable

Sample Details:

EFF:761-Treated Water sample from CSTP Padannappalam, Kannur

This test results is restricted for the water sample(s) collected by Project Assistant dt on 21/04/2025 only

Scientist in charge

Dr. VIJAYTHA VIJAYAKUMAR
ASSISTANT SCIENTIST



KERALA STATE POLLUTION CONTROL BOARD
DISTRICT OFFICE
RUBCO HOUSE, 6TH FLOOR, SOUTH BAZAR,
KANNUR-670002
Telephone: 0497-2711621

ANALYSIS REPORT

Report No:	KNR-1677	Date:	07-05-2025		
Date of sample	21-04-2025	Date of receipt:	21-04-2025		
Sample received	The Environmental Engineer	Sample ID:	EFF:762		
Source:	Effluent	Ref. Letter.No.	PCB/KNR/DO/2003/2024		
Sample	PC 2.5L	Sampled by:	PA		
Sample type:	Effluent	Period of Analysis:	21/04/2025 to 06/05/2025		
Specific sampling location:	Treated Water sample from CSTP Taliparamba Municipality, Kannur	Analysed by:	JSA		
Sample	As per APHA/IS:3025 (Part	No. of Samples:	1		
Scientist -in-Charge of	Asst.Scientist	Method: Standard methods for the examination of Water and Waste Water, APPA AWWA WEF (22nd Ed).			
Sl.No.	Parameters	Unit	Sample ID		
			EFF-762		
1	pH		7.84		
2	BOD (3-days at 27°C)	mg/L	3.8		
3	Oil and Grease	mg/L	11.48		
4	TSS	mg/L	5		

BDL- Below Detection Limit

ND- Not Detectable

Sample Details:

EFF:762-Treated Water sample from CSTP Taliparamba Municipality, Kannur

This test results is restricted for the water sample(s) collected by Project Assistant dt on 21/04/2025 only

Scientist in charge

Dr. VIJAYTHA VIJAYAKUMAR
ASSISTANT SCIENTIST



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RUBCO HOUSE, 6TH FLOOR, SOUTH BAZAR,
KANNUR-670002
Telephone: 0497-2711621

ANALYSIS REPORT

Report No:	KNR-1748	Date:	13-08-2025		
Date of sample	31-07-2025	Date of receipt:	01-08-2025		
Sample received from:	Senior Environmental Engineer	Sample ID:	EFF-829		
Source:	Effluent	Ref. Letter.No.	PCB/KNR/DO/2003/		
Sample	PC 2.5L	Sampled by:	PA		
Sample type:	Effluent	Period of Analysis:	01/08/2025 to 11/08/2		
Specific sampling location:	Inlet water sample from CETP at Kinfra Textiles, Nadukani.	Analysed by:	JSA		
Sample:	As per APHA/IS:3025 (Part	No. of Samples:	1		
Scientist in-charge of	Asst. Scientist	Method: Standard methods for the examination of Water and Waste Water,			
Sl.No.	Parameters	Unit	Sample ID		
			EFF-829		
1	pH		8.91		
2	BOD (3 days at 27°C)	mg/L	303.5		
3	COD	mg/L	736		
4	Oil and Grease	mg/L	10.72		
5	TSS	mg/L	104		

BDL- Below Detection Limit

ND- Not Detectable

Sample Details:

EFF-829: Inlet water sample from CETP at Kinfra Textiles, Nadukani.

This test results is restricted for the water sample(s) collected by Project Assistant dt on 31/07/2025 only

Scientist in charge

Dr. VIJAYTHA VIJAYAKUMAR
ASSISTANT SCIENTIST



KERALA STATE POLLUTION CONTROL BOARD
DISTRICT OFFICE
RUBCO HOUSE,6TH FLOOR, SOUTH BAZAR,
KANNUR-670002
Telephone:0497-2711621

ANALYSIS REPORT

Report No:	KNR-1747	Date:	13-08-2025		
Date of sample	31-07-2025	Date of receipt:	01-08-2025		
Sample received from:	Senior Environmental Engineer	Sample ID:	EFF-828		
Source:	Effluent	Ref. Letter.No.	PCB/KNR/DO/2003/		
Sample	PC 2.5L	Sampled by:	PA		
Sample type:	Effluent	Period of Analysis:	01/08/2025 to 11/08/2		
Specific sampling location:	Effluent water from CSTP at Old Age Home, Azhikode	Analysed by:	JSA		
Sample	As per APHA/IS:3025 (Part	No. of Samples:	1		
Scientist -in-Charge of	Asst.Scientist	Method: Standard methods for the examination of Water and Waste Water,			
Sl.No.	Parameters	Unit	Sample ID		
			EFF-828		
1	pH		7.59		
2	BOD (3 days at 27°C)	mg/L	25		
3	COD	mg/L	44		
4	Oil and Grease	mg/L	1.16		
5	TSS	mg/L	35		

BDL- Below Detection Limit

ND- Not Detectable

Sample Details:

EFF-828:Effluent water from CSTP at Old Age Home, Azhikode

This test results is restricted for the water sample(s) collected by Project Assistant dt on 31/07/2025 only

Scientist in charge

Dr. VIJAYTHA VIJAYAKUMAR
ASSISTANT SCIENTIST



KERALA STATE POLLUTION CONTROL BOARD
DISTRICT OFFICE
RUBCO HOUSE, 6TH FLOOR, SOUTH BAZAR,
KANNUR-670002
Telephone: 0497-2711621

ANALYSIS REPORT

Report No:	KNR-1714	Date:	09-07-2025		
Date of sample	20-06-2025	Date of receipt	20-06-2025		
Sample received from:	Environmental Engineer	Sample ID:	EFF-798		
Source:	Effluent	Ref. Letter No.	PCB/KNR/DO/2003/2024		
Sample container:	PC 2.5L	Sampled by:	PA		
Sample type:	Effluent	Period of Analysis	20/06/2025 to 01/07/2025		
Specific sampling location:	Treated water from CSTP at Padannappalam, Kannur	Analysed by:	JSA		
Sample	As per APHA/IS:3025	No. of Samples	1		
Scientist -in-Charge of Analysis	Asst. Scientist	Method: Standard methods for the examination of Water and Waste Water, APHA AWWA WEF (22nd			
Sl.No.	Parameters	Unit	Sample ID		
			EFF-798		
1	pH		7.66		
2	BOD (3 days at 27°C)	mg/L	10.7		
3	COD	mg/L	36		
4	Oil and Grease	mg/L	5.92		
5	TSS	mg/L	39		

BDL- Below Detection Limit

ND- Not Detectable

Sample Details:

EFF-798: Treated water from CSTP at Padannappalam, Kannur

This test results is restricted for the water sample(s) collected by Project Assistant dt on 20/06/2025 only


Scientist in charge

Dr. VIJAYTHA VIJAYAKUMAR
ASSISTANT SCIENTIST



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KANNUR-670002
Telephone: 0497-2711621

ANALYSIS REPORT

Report No:	KNR-1745	Date:	13-08-2025		
Date of sample	31-07-2025	Date of receipt:	01-08-2025		
Sample received from:	Senior Environmental Engineer	Sample ID:	EFF-826		
Source:	Effluent	Ref. Letter.No.	PCB/KNR/DO/2003/		
Sample	PC 2.5L	Sampled by:	PA		
Sample type:	Effluent	Period of Analysis:	01/08/2025 to 11/08/2		
Specific sampling location:	Treated water from CSTP at Taliparamba Municipality	Analysed by:	JSA		
Sample	As per APHA/IS:3025 (Part	No. of Samples:	1		
Scientist -in-Charge of	Asst.Scientist	Method: Standard methods for the examination of Water and Waste Water,			
Sl.No.	Parameters	Unit	Sample ID		
			EFF-826		
1	pH		7.37		
2	BOD (3 days at 27°C)	mg/L	3.4		
3	COD	mg/L	8		
4	Oil and Grease	mg/L	1		
5	TSS	mg/L	43		


BDL- Below Detection Limit

ND- Not Detectable

Sample Details:

EFF-826: Treated water from CSTP at Taliparamba Municipality

This test results is restricted for the water sample(s) collected by Project Assistant dt on 31/07/2025 only


Scientist in charge

DR. VIJAYTHA VIJAYAKUMAR
ASSISTANT SCIENTIST