

☎0471-2303844

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## KERALA STATE POLLUTION CONTROL BOARD

കേരള സംസ്ഥാന മലിനീകരണ നിയന്ത്രണ ബോർഡ്



DISTRICT OFFICE, THIRUVANANTHAPURAM  
ജില്ലാകാഠിസ്, തിരുവനന്തപുരം

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

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



### ANALYSIS REPORT

No: 202754

Date: 17/03/2025

| Source                             |                        | STP Muttathara, Thiruvananthapuram |            |                   |
|------------------------------------|------------------------|------------------------------------|------------|-------------------|
| Sample Received From               | NAMP Operator          | Date of sample collection          | 01/03/2025 |                   |
| Date of Receipt                    | 01/03/2025             | Sample ID                          | 40         |                   |
| Sl. No.                            | Parameter              | Unit                               | Value      | Permissible Limit |
| 1                                  | pH                     | -                                  | 7.4        | 6.5 - 9.0         |
| 2                                  | Total Suspended Solids | mg/L                               | 18         | < 50              |
| 3                                  | BOD (3days @ 27°C)     | mg/L                               | 8.1        | 20                |
| 4                                  | COD                    | mg/L                               | 32         | -                 |
| 5                                  | Oil & Grease           | mg/L                               | BDL        | -                 |
| 6                                  | Fecal Coliform         | cfu/100ml                          | Nil        | <1000             |
| Remarks: BDL-Below Detection Level |                        |                                    |            |                   |
| Verified by                        |                        |                                    |            |                   |
|                                    |                        |                                    |            |                   |
| Scientist-in-Charge of Analysis    |                        | ASSISTANT ENVIRONMENTAL SCIENTIST  |            |                   |

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## ANALYSIS REPORT

No: 202752

Date: 17/03/2025

| Source                                                                                            |                        | Medical College Hospital, Thiruvananthapuram.                                                       |                                       |                                                                             |
|---------------------------------------------------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------|
| Sample Received From                                                                              |                        | NAMP Operator                                                                                       | Date of sample collection             | 01/03/2025                                                                  |
| Date of Receipt                                                                                   |                        | 01/03/2025                                                                                          | Sample ID                             | 09<br>(STP Outlet)                                                          |
| Sl. No.                                                                                           | Parameter              | Unit                                                                                                | Value                                 | Permissible Limit                                                           |
| 1                                                                                                 | pH                     | -                                                                                                   | 6.0                                   | 6.5 - 8.5                                                                   |
| 2                                                                                                 | Total Suspended Solids | mg/L                                                                                                | 18                                    | 10                                                                          |
| 3                                                                                                 | BOD (3 days @ 27°C)    | mg/L                                                                                                | 4.2                                   | 3                                                                           |
| 4                                                                                                 | Oil & Grease           | mg/L                                                                                                | BDL                                   | 1                                                                           |
| 5                                                                                                 | Bio-assay Test         | -                                                                                                   | 100% survival of fish after 96 hours. | 90% survival of fish after 96 hours in 100% effluent prior to disinfection. |
| 6                                                                                                 | COD                    | mg/L                                                                                                | 76                                    | -                                                                           |
| 7                                                                                                 | Total Coliform         | cfu/100ml                                                                                           | NIL                                   | -                                                                           |
| 8                                                                                                 | Fecal Coliform         | cfu/100ml                                                                                           | NIL                                   | -                                                                           |
| Remarks: BDL-Below Detection Level                                                                |                        |                                                                                                     |                                       |                                                                             |
| Verified by                                                                                       |                        |                                                                                                     |                                       |                                                                             |
| <br>17/03/2025 |                        | <br>17/03/2025 |                                       |                                                                             |
| Scientist-in-Charge of Analysis                                                                   |                        | ASSISTANT ENVIRONMENTAL SCIENTIST                                                                   |                                       |                                                                             |

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## ANALYSIS REPORT

No: 202753

Date: 17/03/2025

| Source                             |                        | Kinfra, Pallithura, Thiruvananthapuram. |                  |                   |
|------------------------------------|------------------------|-----------------------------------------|------------------|-------------------|
| Sample Received From               | NAMP Operator          | Date of sample collection               | 01/03/2025       |                   |
| Date of Receipt                    | 01/03/2025             | Sample ID                               | 201 (ETP Outlet) |                   |
| Sl. No.                            | Parameter              | Unit                                    | Value            | Permissible Limit |
| 1                                  | pH                     | -                                       | 7.6              | 6.5 - 8.5         |
| 2                                  | Total Suspended Solids | mg/L                                    | 11               | 100               |
| 3                                  | BOD (3days @ 27°C)     | mg/L                                    | 2.1              | 30                |
| 4                                  | COD                    | mg/L                                    | 80               | 250               |
| 5                                  | Oil & Grease           | mg/L                                    | BDL              | 10                |
| 6                                  | Fecal Coliform         | cfu/100ml                               | 66               | -                 |
| Remarks: BDL-Below Detection Level |                        |                                         |                  |                   |
| Verified by                        |                        |                                         |                  |                   |
| Scientist-in-Charge of Analysis    |                        |                                         |                  |                   |
|                                    |                        | ASSISTANT ENVIRONMENTAL SCIENTIST       |                  |                   |

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**KERALA STATE POLLUTION CONTROL BOARD**

ജില്ലാ ഓഫീസ്, കോട്ടയം ശ്രീനിവാസ അയ്യർ റോഡ്, കോട്ടയം-686001

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



“ഭരണഭാഷ - മാതൃഭാഷ”

PCBDKT/318/2024-AS

## Analysis Report

|                     |                             |                                |            |                         |     |
|---------------------|-----------------------------|--------------------------------|------------|-------------------------|-----|
| Analysis Report No. | 2391                        | Date                           | 18/03/2025 | Format No:              | nil |
| Application No      |                             | Date of collection             |            | 12/03/2025              |     |
| Received From       | AE1                         | Date of Receipt                |            | 12/03/2025              |     |
| No. Of Sample       | 1                           | Period of Analysis             |            | 12/03/2025 - 17/03/2025 |     |
| Source              | CSTP Kumarakom              | Scientist in charge            |            | JYOTSNA BABY            |     |
| Sample Condition    | Fit for analysis            | Sample Type                    |            | Water                   |     |
| Sample Collected By | AE1                         | 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 | STP Filter out | Test Method             | Limit   |
|-------|----------------|------|----------------|-------------------------|---------|
| 1     | pH             | ---- | 6              | IS Part 44              | 5.5-9.0 |
| 2     | BOD            | mg/L | 18             | APHA,5210 B,5-5 to 5-10 | 30      |
| 3     | SS             | mg/L | 15             | APHA 2540D              | 100.0   |
| 4     | Oil and Grease | mg/L | BDL            | APHA 5520B              | 10.0    |

Checked by

Authorised by

**JYOTSNA BABY**  
Assistant Scientist



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| <b>ANALYSIS REPORT</b><br>(WATER / EFFLUENT / SOLID WATER) |                               | Date : <b>04.03.2025</b>   |     |
|------------------------------------------------------------|-------------------------------|----------------------------|-----|
| Source                                                     | <b>TALUK HOSPITAL ADIMALI</b> | Sample received from       | AE3 |
| Date of sample Collection                                  | <b>27.02.2025</b>             |                            |     |
| Ref. No.                                                   |                               | Period of analysis         |     |
| Date of Receipt                                            | <b>28.02.2025</b>             |                            |     |
| Scientist-in-charge of analysis                            |                               | <b>ASSISTANT SCIENTIST</b> |     |

| Sl. No. | Parameter               | Unit        | Value       |  |  |  |
|---------|-------------------------|-------------|-------------|--|--|--|
|         |                         |             | Sample No.  |  |  |  |
|         |                         |             | STP E1      |  |  |  |
| 1.      | <b>pH</b>               |             | <b>7.45</b> |  |  |  |
| 2.      | <b>BOD</b>              | <b>mg/l</b> | <b>27</b>   |  |  |  |
| 3.      | <b>SS</b>               | <b>mg/l</b> | <b>24</b>   |  |  |  |
| 4.      | <b>Oil &amp; Grease</b> | <b>mg/l</b> | <b>BDL</b>  |  |  |  |
| 5.      | <b>COD</b>              | <b>mg/l</b> | <b>56</b>   |  |  |  |
| 6.      |                         |             |             |  |  |  |
| 7.      |                         |             |             |  |  |  |
| 8.      |                         |             |             |  |  |  |
| 9.      |                         |             |             |  |  |  |
| 10.     |                         |             |             |  |  |  |
| 11.     |                         |             |             |  |  |  |
| 12.     |                         |             |             |  |  |  |
| 13.     |                         |             |             |  |  |  |
| 14.     |                         |             |             |  |  |  |
| 15.     |                         |             |             |  |  |  |

Details of Samples: **E1- sample collected from STP**

Remarks :

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ജില്ലാകാര്യാലയം (എറണാകുളം-2) പെരുമ്പാവൂർ  
PMC. 20/733, Near Kallumkal Auditorium, Perumbavoor - 683 542  
പിഎംസി. 20/733, കല്ലുകൽഓഡിറ്റോറിയംസമീപം, പെരുമ്പാവൂർ - 683 542



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PCB/PBR/LAB/1/2013

Date: 06.03.2025

## ANALYSIS REPORT

Source : SEPTAGE TREATMENT PLANT, BRAHMAPURAM  
Sample Point : FILTERED EFFLUENT TANK  
Date of sampling : 13.02.2025  
Date of receipt : 13.02.2025  
Collected by : NAMP-I  
Analysed by : JSAI & JSA II  
Sample ID : PCB/PVR/3560/2024

| Sl. No. | Parameters             | Unit      | Value | Test Method                                                     | KSPCB Limit |
|---------|------------------------|-----------|-------|-----------------------------------------------------------------|-------------|
| 1       | pH                     |           | 7.29  | APHA, 4500 H <sup>+</sup> B<br>23 <sup>rd</sup> Edition 2017.   | 5.5-9.0     |
| 2       | BOD                    | mg/L      | 3.15  | APHA, 5210 B,<br>23 <sup>rd</sup> Edition 2017                  | 30          |
| 3       | COD                    | mg/L      | 32    | APHA, 5220 B,<br>23 <sup>rd</sup> Edition 2017                  | 250         |
| 4       | OIL AND GREASE         | mg/L      | BDL   | APHA, 5520 B,<br>23 <sup>rd</sup> Edition 2017                  | 10          |
| 5       | TOTAL SUSPENDED SOLIDS | mg/L      | BDL   | APHA, 2540-D,<br>23 <sup>rd</sup> Edition 2017                  | 100         |
| 6       | PHOSPHATES             | mg/L      | 0.04  | APHA-4500 P-E<br>23 <sup>rd</sup> Edition 2017                  | 5           |
| 7       | NITRATES               | mg/L      | 1.50  | APHA 4500-NO <sub>3</sub> -E,<br>23 <sup>rd</sup> Edition 2017  | 10          |
| 8       | SULPHATES              | mg/L      | 5.79  | APHA, 4500-SO <sub>4</sub> ,<br>23 <sup>rd</sup> Edition 2017   | 1000        |
| 9       | SULPHIDES              | mg/L      | 4.5   | APHA-4500-S <sup>2-</sup> D<br>23 <sup>rd</sup> Edition 2017    | 2           |
| 10      | AMMONIACAL NITROGEN    | mg/L      | 1.46  | APHA, 4500-NH <sub>3</sub> -F,<br>23 <sup>rd</sup> Edition 2017 | 50          |
| 11      | PHENOLIC COMPOUNDS     | mg/L      | BDL   | APHA, 5530 C,<br>23 <sup>rd</sup> Edition 2017                  | 1           |
| 12      | FAECAL COLIFORM        | cfu/100mL | 80    | APHA 9222 D,<br>23 <sup>rd</sup> Edition 2017                   | <1000       |
| 13      | FAECAL STREPTOCOCCI    | cfu/100mL | 62    | APHA 9230 A,<br>23 <sup>rd</sup> Edition 2017                   | -           |

BDL - BELOW DETECTION LIMIT

  
ASHNA SHAJI  
ASSISTANT SCIENTIST

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PMC. 20/733, Near Kallumkal Auditorium, Perumbavoor - 683 542

പിഎംസി. 20/733, കല്ലുകൽ ഓഡിറ്റോറിയം സമീപം, പെരുമ്പാവൂർ - 683 542



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PCB/PBR/LAB/1/2013

Date: 28.03.2025

## ANALYSIS REPORT

Source : COMMON ETP OF KINFRA SMALL INDUSTRIES PARK NELLAD

Sample Point : FINAL OUT

Date of sampling : 25.02.2025

Date of receipt : 27.02.2025

Collected by : NAMP-II

Sample ID : PCB/PVR/3602/2024

| Sl. No. | Parameters             | Unit | Value | Test Method                                                     | KSPCB Limit |
|---------|------------------------|------|-------|-----------------------------------------------------------------|-------------|
| 1       | pH                     |      | 7.21  | APHA, 4500 H <sup>+</sup> B<br>23 <sup>rd</sup> Edition 2017.   | 6.0-9.0     |
| 2       | BOD                    | mg/L | 3     | APHA, 5210 B,<br>23 <sup>rd</sup> Edition 2017                  | 30          |
| 3       | COD                    | mg/L | 56    | APHA 5220 B,<br>23 <sup>rd</sup> Edition 2017                   | 250         |
| 4       | TOTAL SUSPENDED SOLIDS | mg/L | 36    | APHA 2540 D,<br>23 <sup>rd</sup> Edition 2017                   | 100         |
| 5       | OIL AND GREASE         | mg/L | BDL   | APHA, 5520 B,<br>23 <sup>rd</sup> Edition 2017                  | 10          |
| 6       | FLUORIDES              | mg/L | <1    | APHA, 4500-F <sup>-</sup> C,<br>23 <sup>rd</sup> Edition 2017   | 2           |
| 7       | CHLORIDES              | mg/L | 89.9  | APHA, 4500-Cl <sup>-</sup> B,<br>23 <sup>rd</sup> Edition 2017  | 1000        |
| 8       | SULPHATES              | mg/L | 8.33  | APHA, 4500-SO <sub>4</sub> ,<br>23 <sup>rd</sup> Edition 2017   | 1000        |
| 9       | SULPHIDES              | mg/L | 4.51  | APHA-4500-S <sup>2-</sup> D<br>23 <sup>rd</sup> Edition 2017    | 2           |
| 10      | PHOSPHATES             | mg/L | 1.13  | APHA, 4500-P,<br>23 <sup>rd</sup> Edition 2017                  | 5           |
| 11      | AMMONIACAL NITROGEN    | mg/L | 8.35  | APHA, 4500-NH <sub>3</sub> -F,<br>23 <sup>rd</sup> Edition 2017 | 50          |
| 12      | PHENOLIC COMPOUNDS     | mg/L | BDL   | APHA, 5530 C,<br>23 <sup>rd</sup> Edition 2017                  | 1           |
| 13      | NITRATES               | mg/L | 6.44  | APHA 4500-NO <sub>3</sub> -E<br>23 <sup>rd</sup> Edition 2017   | 10          |

BDL- BELOW DETECTION LIMIT

ASHNA SHAJI  
ASSISTANT SCIENTIST

25/2/25  
MS

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PCB/PBR/LAB/1/2013

Date: 28.03.2025

## ANALYSIS REPORT

Source : CETP RUBBER PARK, IRAPURAM

Sample Point : ACF OUTLET

Date of sampling : 25.02.2025

Date of receipt : 27.02.2025

Collected by : NAMP II

Analysed by : JSAI & JSAIL

Sample ID : PCB/PVR/3603/2024

| Sl. No. | Parameters              | Unit | Value | Test Method                                                    | KSPCB Limit |
|---------|-------------------------|------|-------|----------------------------------------------------------------|-------------|
| 1       | pH                      |      | 7.91  | APHA, 4500 H <sup>+</sup> B<br>23 <sup>rd</sup> Edition 2017.  | 6.0-9.0     |
| 2       | BOD                     | mg/L | 1.41  | APHA, 5210 B,<br>23 <sup>rd</sup> Edition 2017.                | 30          |
| 3       | COD                     | mg/L | 24    | APHA, 5220 B,<br>23 <sup>rd</sup> Edition 2017                 | 250         |
| 4       | Oil and Grease          | mg/L | BDL   | APHA, 5520 B,<br>23 <sup>rd</sup> Edition 2017                 | 10          |
| 5       | Total Suspended Solids  | mg/L | BDL   | APHA, 2540-D,<br>23 <sup>rd</sup> Edition 2017                 | 100         |
| 6       | TDS                     | mg/L | BDL   | APHA 2540-C,<br>23 <sup>rd</sup> Edition 2017                  | 2100        |
| 7       | Ammoniacal Nitrogen     | mg/L | BDL   | APHA 4500-NH <sub>3</sub> -F,<br>23 <sup>rd</sup> Edition 2017 | 50          |
| 8       | Sulphides               | mg/L | 5.74  | APHA, 4500-S <sup>2-</sup> F,<br>23 <sup>rd</sup> Edition 2017 | 2           |
| 9       | Fluorides               | mg/L | <1    | APHA, 4500-F <sup>-</sup> C,<br>23 <sup>rd</sup> Edition 2017  | 2           |
| 10      | Chlorides               | mg/L | 44.9  | APHA, 4500-Cl <sup>-</sup> B,<br>23 <sup>rd</sup> Edition 2017 | 1000        |
| 11      | Sulphates               | mg/L | 7.29  | APHA, 4500-SO <sub>4</sub> ,<br>23 <sup>rd</sup> Edition 2017  | 1000        |
| 12      | Phenolic Compounds      | mg/L | BDL   | APHA, 5530 C,<br>23 <sup>rd</sup> Edition 2017                 | 1           |
| 13      | Phosphate               | mg/L | 0.68  | APHA-4500 P-E<br>23 <sup>rd</sup> Edition 2017.                | 5           |
| 14      | Nitrate                 | mg/L | 10.52 | APHA 4500-NO <sub>3</sub> -E<br>23 <sup>rd</sup> Edition 2017  | 10          |
| 15      | Total Residual Chlorine | mg/L | BDL   | APHA, 4500-Cl-B,<br>23 <sup>rd</sup> Edition 2017              | 1           |

BDL - Below Detection Limit

ASHNA SHAJI  
ASSISTANT SCIENTIST



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 കോഴിക്കോട് റിജ്യണൽ ഓഫീസ്  
**REGIONAL OFFICE, KOZHIKODE**

Phone: 2300744 (CEE); [kspcb.kerala.gov.in](http://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</b>                                           | <b>5 4 9 6 / 1 - 4</b>                                                                                    | <b>Date:</b>                                | <b>1 5 0 4 2 0 2 5</b> |
| Date of Sample Collection   | 1 5 0 3 2 0 2 5                                          |                                                                                                           | Date of receipt of the sample               | 1 7 0 3 2 0 2 5        |
| Time                        | Hours: NOT GIVEN                                         |                                                                                                           | Time                                        | Hours: 0 3 : PM        |
| Sampled by:                 | AE-2,DO,KKD                                              | Sample ID                                                                                                 | PCB 06A,PCB 14, PCB 213,PCB 503             |                        |
| Sampling Method             | NOT GIVEN                                                | Sample Lab Code                                                                                           | KROS 5496/1-4                               |                        |
| Sample container            | PC-2.5L                                                  | Ref.letter No.                                                                                            | PCB/KKD/DO/MEDICAL COLLEGE Dated:17.03.2025 |                        |
| Source:                     | GOVT.MEDICAL COLLEGE KOZHIKODE                           | Received from:                                                                                            | EE/DO/KKD                                   |                        |
|                             |                                                          | Period of analysis:                                                                                       | 17.03.2025-15.04.2025                       |                        |
| Specific sampling location: | FILTER OUTLETS OF 4 STP , GOVT,MEDICAL COLLEGE KOZHIKODE | No. of samples:                                                                                           | 4                                           |                        |
|                             |                                                          | Analysed by:                                                                                              | NSS/HPV/SNS/MT/AKR                          |                        |
| 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 |        |         |         |
|-------|---------------------------------------------|------|------|-----------------------------|-----------|--------|---------|---------|
|       |                                             |      |      |                             | PCB 06A   | PCB 14 | PCB 213 | PCB 503 |
| 1     | pH                                          | -    |      | APHA 4500-H+,B              | 7.5       | 7      | 7.5     | 6.5     |
| 2     | TOTAL SUSPENDED SOLIDS (Dried at 103-105°C) | mg/L | 4    | APHA 2540D                  | 12.2      | 6.8    | BDL     | BDL     |
| 3     | BOD                                         | mg/L | 0.5  | IS3025 (Part 44)            | 11.73     | 17.6   | 13.8    | 15.2    |
| 4     | COD                                         | mg/L | 5    | APHA 5220B                  | 64        | 104    | 112     | 40      |
| 5     | OIL & GREASE                                | mg/L | 4.7  | APHA 5520 B                 | BDL       | BDL    | BDL     | BDL     |
| 6     | AMMONIACAL -N                               | mg/L | 0.02 | APHA 4500 NH <sub>3</sub> F | 35.98     | 9.22   | 16.48   | 0.5     |
| 7     | TURBIDITY                                   | NTU  | 0.4  | APHA 2130 B                 | 26        | 29.3   | 32.3    | 11.2    |

**PCB 06A : Filter outlet of 1 MLD capacity STP plant**  
**PCB 14 : Filter outlet of 2 MLD capacity old STP plant**  
**PCB 213 : Filter outlet of 2.1 MLD STP plant,**  
**PCB 503 : Filter outlet of 500KLDcapacity STP plant**

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

*[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-1659                                                                              | Date:                                                                                      | 11-03-2025               |  |  |
|------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------|--|--|
| Date of sample                     | 03-03-2025                                                                            | Date of receipt:                                                                           | 03-03-2025               |  |  |
| Sample received from:              | Environmental Engineer                                                                | Sample ID:                                                                                 | EFF-745                  |  |  |
| Source:                            | Effluent                                                                              | Ref. Letter.No.                                                                            | PCB/KNR/DO/2003/2024     |  |  |
| Sample container:                  | PC 2.5L                                                                               | Sampled by:                                                                                | PA                       |  |  |
| Sample type:                       | Effluent                                                                              | Period of Analysis:                                                                        | 03/03/2025 to 10/03/2025 |  |  |
| Specific sampling location:        | Treated Water sample from Common STP at Taliparamba Municipality, Taliparamba, Kannur | Analysed by:                                                                               | JSA                      |  |  |
| Sample Preservation:               | As per APHA/IS:3025 (Part 1)                                                          | No. of Samples:                                                                            | 1                        |  |  |
| Scientist -in-Charge of Analysis : | Asst. Scientist                                                                       | Method: Standard methods for the examination of Water and Waste Water, APPA AWWA WEF (22nd |                          |  |  |
| Sl.No.                             | Parameters                                                                            | Unit                                                                                       | Sample ID                |  |  |
|                                    |                                                                                       |                                                                                            | EFF-745                  |  |  |
| 1                                  | pH                                                                                    |                                                                                            | 7.83                     |  |  |
| 2                                  | BOD (3 days at 27°C)                                                                  | mg/L                                                                                       | 7.66                     |  |  |
| 4                                  | COD                                                                                   | mg/L                                                                                       | 16                       |  |  |
| 4                                  | Oil and Grease                                                                        | mg/L                                                                                       | 14.12                    |  |  |
| 5                                  | TSS                                                                                   | mg/L                                                                                       | 2                        |  |  |

**BDL- Below Detection Limit**

**ND- Not Detectable**

**Sample Details:**

**EFF-745: Treated Water sample from Common STP at Taliparamba Municipality, Taliparamba, Kannur**

This test results is restricted for the water sample(s) collected by Project Assistant dt on 03/03/2025 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-1658                                                             | Date:                                                                                      | 11-03-2025               |  |  |
|------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------|--|--|
| Date of sample                     | 03-03-2025                                                           | Date of receipt:                                                                           | 03-03-2025               |  |  |
| Sample received from:              | Environmental Engineer                                               | Sample ID:                                                                                 | EFF-744                  |  |  |
| Source:                            | Effluent                                                             | Ref. Letter.No.                                                                            | PCB/KNR/DO/2003/2024     |  |  |
| Sample container:                  | PC 2.5L                                                              | Sampled by:                                                                                | PA                       |  |  |
| Sample type:                       | Effluent                                                             | Period of Analysis:                                                                        | 03/03/2025 to 10/03/2025 |  |  |
| Specific sampling location:        | Treated Water sample from CETP at Kinfra Park, Nadukani, Taliparamba | Analysed by:                                                                               | JSA                      |  |  |
| Sample Preservation:               | As per APHA/IS:3025 (Part 1)                                         | No. of Samples:                                                                            | 1                        |  |  |
| Scientist -in-Charge of Analysis : | Asst.Scientist                                                       | Method: Standard methods for the examination of Water and Waste Water, APPA AWWA WEF (22nd |                          |  |  |
| Sl.No.                             | Parameters                                                           | Unit                                                                                       | Sample ID                |  |  |
|                                    |                                                                      |                                                                                            | EFF-744                  |  |  |
| 1                                  | pH                                                                   |                                                                                            | 7.6                      |  |  |
| 2                                  | BOD (3 days at 27°C)                                                 | mg/L                                                                                       | 6.69                     |  |  |
| 4                                  | COD                                                                  | mg/L                                                                                       | 64                       |  |  |
| 4                                  | Oil and Grease                                                       | mg/L                                                                                       | 11.16                    |  |  |
| 5                                  | TSS                                                                  | mg/L                                                                                       | 45                       |  |  |

**BDL- Below Detection Limit****ND- Not Detectable****Sample Details:**

EFF-744: Treated Water sample from CETP at Kinfra Park, Nadukani, Taliparamba

This test results is restricted for the water sample(s) collected by Project Assistant dt on 03/03/2025 only

**Scientist in charge**  
**Dr. VIJAYTHA VIJAYAKUMAR**  
**ASSISTANT SCIENTIST**



**KERALA STATE POLLUTION CONTROL BOARD**  
**DISTRICT OFFICE**  
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**KANNUR-670002**  
**Telephone: 0497-2711621**

**ANALYSIS REPORT**

| Report No:                         | KNR-1660                                                                                                | Date:                                                                                          | 21-03-2025               |  |  |
|------------------------------------|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------|--|--|
| Date of sample                     | 03-03-2025                                                                                              | Date of receipt:                                                                               | 03-03-2025               |  |  |
| Sample received from:              | Environmental Engineer                                                                                  | Sample ID:                                                                                     | EFF-746                  |  |  |
| Source:                            | Effluent                                                                                                | Ref. Letter.No.                                                                                | PCB/KNR/DO/2003/2024     |  |  |
| Sample container:                  | PC 2.5L                                                                                                 | Sampled by:                                                                                    | PA                       |  |  |
| Sample type:                       | Effluent                                                                                                | Period of Analysis:                                                                            | 03/03/2025 to 18/03/2025 |  |  |
| Specific sampling location:        | Treated Water sample from STP at Govt Old Age Home, Moonunirath, Chal Rd, Azhikode North, Kannur 670009 | Analysed by:                                                                                   | JSA                      |  |  |
| Sample Preservation:               | As per APHA/IS:3025 (Part 1)                                                                            | No. of Samples:                                                                                | 1                        |  |  |
| Scientist -in-Charge of Analysis : | 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-746                  |  |  |
| 1                                  | pH                                                                                                      |                                                                                                | 7.51                     |  |  |
| 2                                  | BOD (3 days at 27°C)                                                                                    | mg/L                                                                                           | 12.45                    |  |  |
| 4                                  | COD                                                                                                     | mg/L                                                                                           | 32                       |  |  |
| 4                                  | Oil and Grease                                                                                          | mg/L                                                                                           | 14.64                    |  |  |
| 5                                  | TSS                                                                                                     | mg/L                                                                                           | 42                       |  |  |

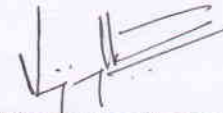
**BDL- Below Detection Limit**

**ND- Not Detectable**

**Sample Details:**

EFF-746: Treated Water sample from STP at Govt Old Age Home, Moonunirath, Chal Rd, Azhikode North, Kannur 670009

This test results is restricted for the water sample(s) collected by Project Assistant dt on 03/03/2025 only

  
Scientist in charge

Dr. VIJAYTHA VIJAYAKUMAR  
ASSISTANT SCIENTIST



**KERALA STATE POLLUTION CONTROL BOARD**  
**DISTRICT OFFICE**  
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**ANALYSIS REPORT**

|                                    |                                                                          |                                                                                            |                          |  |  |
|------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------|--|--|
| Report No:                         | KNR-1661                                                                 | Date:                                                                                      | 11-03-2025               |  |  |
| Date of sample                     | 03-03-2025                                                               | Date of receipt:                                                                           | 03-03-2025               |  |  |
| Sample received from:              | Environmental Engineer                                                   | Sample ID:                                                                                 | EFF-747                  |  |  |
| Source:                            | Effluent                                                                 | Ref. Letter.No.                                                                            | PCB/KNR/DO/2003/2024     |  |  |
| Sample container:                  | PC 2.5L                                                                  | Sampled by:                                                                                | PA                       |  |  |
| Sample type:                       | Effluent                                                                 | Period of Analysis:                                                                        | 03/03/2025 to 10/03/2025 |  |  |
| Specific sampling location:        | Treated Water sample from Common STP at Padannapalam, Kannur Corporation | Analysed by:                                                                               | JSA                      |  |  |
| Sample Preservation:               | As per APHA/IS:3025 (Part 1)                                             | No. of Samples:                                                                            | 1                        |  |  |
| Scientist -in-Charge of Analysis : | Asst.Scientist                                                           | Method: Standard methods for the examination of Water and Waste Water, APPA AWWA WEF (22nd |                          |  |  |
| Sl.No.                             | Parameters                                                               | Unit                                                                                       | Sample ID                |  |  |
|                                    |                                                                          |                                                                                            | EFF-747                  |  |  |
| 1                                  | pH                                                                       |                                                                                            | 7.43                     |  |  |
| 2                                  | BOD (3 days at 27°C)                                                     | mg/L                                                                                       | 20.56                    |  |  |
| 4                                  | COD                                                                      | mg/L                                                                                       | 60                       |  |  |
| 4                                  | Oil and Grease                                                           | mg/L                                                                                       | 16.28                    |  |  |
| 5                                  | TSS                                                                      | mg/L                                                                                       | 27                       |  |  |

**BDL- Below Detection Limit**

**ND- Not Detectable**

**Sample Details:**

EFF-747: Treated Water sample from Common STP at Padannapalam, Kannur Corporation

This test results is restricted for the water sample(s) collected by Project Assistant dt on 03/03/2025 only

**Scientist in charge**

**Dr. VIJAYTHA VIJAYAKUMAR**  
**ASSISTANT SCIENTIST**