



KERALA WATER AUTHORITY

QUALITY CONTROL DISTRICT LABORATORY, CHERUTHONY, IDUKKI-685602

Phone 04862-294353, 8547638131 Email- qcldlk@yahoo.in

NO.QCDL/IDK/F/05-2020

Date: 15.04.2024

From:

The Assistant Engineer

To

Viswadeepty Public School
Adimaly

Sir,

Sub:- Water Sample Test Result forwarding reg:-

Ref:- Letter No. 2308 /24 & Application No.QUA_122157 dated 08.04.2024.

I am forwarding herewith the test result of analysis of water samples in favour of Viswadeepty Public School Adimaly handed over to this lab 08.04.2024.

Yours faithfully,

ASSISTANT ENGINEER.

ASSISTANT ENGINEER
Quality Control District Lab
Kerala Water Authority
Cheruthony - Idukki-685 602

Acc:As above.

CHAIRMAN
CARMEL EDUCATION TRUST

Reg.No. IV/507/ SRO / EKM /94

Regd.Office: Muvattupuzha

(Managed by The Carmel Province, Muvattupuzha)



Dr. Fr. RAJESH GEORGE CMI
PRINCIPAL
VISWADEEPTHI PUBLIC SCHOOL
ADIMALI - 685 561
IDUKKI DISTRICT, KERALA STATE



Telephone:8547638131

KERALA WATER AUTHORITY

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QUALITY CONTROL DISTRICT LAB,CHERUTHONY,IDUKKI-685602 WATER TEST REPORT

JLR NO: TC 1184924000000 2246F

Report Issue Date : 15.04.2024

| | | |
|--------------------------------------|----------------------------|-------------------------------|
| Customer Name & Address | Date of Receipt of Payment | 08.04.2024 |
| Viswadeepty Public School Adimaly | Date of Sample Received | 08.04.2024 |
| | Sampling Given by | Customer |
| | Sample Code | IDK-2308/04/2024 |
| | Sample Name | Bore Well Water |
| | Sample Condition | Good |
| | Source of Sample | Bore Well |
| | Sample Quantity | 2ltr |
| | Test performing dates | From 08.04.2024 to 11.04.2024 |

| Sl.No | Characteristics | Unit | Test Method | Acceptable Limit as per IS 10500-2012 | Result |
|-------|--|----------------|---|---------------------------------------|-----------|
| 1 | Colour | Hazen | IS 3025 (Part 4)-2021 | 5 | 2 |
| 2 | Odour | - | IS 3025 (Part 5)-2018 | Agreeable | Agreeable |
| 3 | Turbidity | (NTU) | IS 3025 (Part10)-2023 | 1.0 | 0.28 |
| 4 | p ^H | - | IS 3025 (Part 11)-2022 | 6.5 to 8.5 | 8.266 |
| 5 | Total Alkalinity | (mg/litre) | IS 3025 (Part 23)-2023 | 200 | 155.52 |
| 6 | Total Dissolved Solids (TDS) | (mg/litre) | IS 3025 (Part 16)-2023 | 500 | 182.00 |
| 7 | Total Hardness (as CaCO ₃) | (mg/litre) | IS 3025 (Part21)-2009(Reaffirmed 2019) | 200 | 150.000 |
| 8 | Calcium (as Ca) | (mg/litre) | IS 3025 (Part 40)-1991(Reaffirmed 2019) | 75 | 41.680 |
| 9 | Magnesium (as Mg) | (mg/litre) | IS 3025 (Part 46)-2023 | 30 | 11.170 |
| 10 | Chloride (as Cl) | (mg/litre) | IS 3025 (Part 32)-1986(Reaffirmed 2019) | 250 | 6.650 |
| 11 | Electrical conductivity at 25- C | (micromhos/cm) | IS 3025 (Part 14)-2013(Reaffirmed 2019) | - | 341.00 |
| 12 | Acidity | (mg/litre) | IS 3025 (Part 22)-1986(Reaffirmed 2019) | - | 4.04 |
| 13 | Sulphate (as SO ₄) | (mg/litre) | IS 3025 (Part 24/sec.1)-2022 | 200 | 21.760 |
| 14 | Fluoride (as F) | (mg/litre) | IS 3025 (Part 60)-2008(Reaffirmed 2019) | 1 | 0.108 |
| 15 | Iron (as Fe) | (mg/litre) | IS 3025 (Part 53)-2003(Reaffirmed 2019) | 1 | 0.01 |
| 16 | Nitrate (as NO ₃) | (mg/litre) | APIHA 23 rd Edition (UV Screening Method)2017 | 45 | 0.46 |
| 17 | Residual Chloride | (mg/litre) | IS 3025(Part 26)2021 | 0.2 | 7.00 |

Remarks:-

NB:-The result stated above related only to the sample(s) submitted for testing by the customer.The test certificate shall not be reproduced except in full without the written approval of the Laboratory

Praveen Pappachan

Authorized by CHEMIST
Name & Designation Control District Lab

| | | |
|------------------------|-----------------------|-------------------------|
| KWA/QCDD/IDK/F/05-2020 | Issue : 1 | Issue Date : 29.03.2024 |
| Rev. No: 7 | Rev Date : 03.01.2024 | Page 1 of 2 |

End of Report

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QUALITY CONTROL DISTRICT LAB, CHERUTHONY, IDUKKI-685602 WATER TEST-BACTERIOLOGY REPORT

Report No. : KWA/QCDL/IDK/F/2308/24 Report Issue Date : 15.04.2024

| | | |
|--------------------------------------|----------------------------|-------------------------------|
| Customer Name & Address | Date of Receipt of Payment | 08.04.2024 |
| Viswadeepty Public School Adimaly | Date of Sample Received | 08.04.2024 |
| | Sampling Given by | Customer |
| | Sample Code | IDK-2308/04/2024 |
| | Sample Name | Bore Well Water |
| | Sample Condition | Good |
| | Source of Sample | Bore Well |
| | Sample Quantity | 125 ml |
| | Test performing dates | From 11.04.2024 to 12.04.2024 |

| Sl. No. | Source | No of Coliforms per 100ml of sample | E.Coli in 100ml of sample |
|---------|--|-------------------------------------|---------------------------|
| 1 | Water sample submitted by the customer | Nil | Nil |

Remarks:-

NB:-The result stated above related only to the sample(s) submitted for testing by the customer. The test certificate shall not be reproduced except in full without the written approval of the Laboratory.

JISHA V K

Authorized by
Name & Designation

| | | |
|------------------------|------------------------|-------------------------|
| KWA/QCDL/IDK/F/05-2020 | Issue : 1 | Issue Date : 29.03.2021 |
| Rev. No: 1 | Rev. Date : 10.06.2021 | Page 3 of 3 |

End of Report

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