



KERALA WATER AUTHORITY

QUALITY CONTROL DISTRICT LABORATORY, CHERUTHONY, IDUKKI-685602

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

NO.QCDL/IDK/F/05-2020

Date: 21.09.2023

From

The Assistant Engineer

To

De Paul International Residential School
M K Padi
Pushpagiri

Sir,

Sub:- Water Sample Test Result forwarding reg:-

Ref:- Letter No. 370/23 & Application No.QUA_85309 dated 19.09.023.

I am forwarding herewith the test result of analysis of water samples in favour of De Paul International Residential School M K Padi Pushpagiri handed over to this lab on 19.09.2023.

Yours faithfully,

ASSISTANT ENGINEER.

FOR

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

Acc:As above.



Telephone:8547638131

email:-qcldlk@yahoo.in

KERALA WATER AUTHORITY

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

Report No. : KWA/QCDL/IDK/F/5/370/23

Report Issue Date : 21.09.2023

Customer Name & Address De Paul Interational Residential School M K Padi Pushpagiri	Date of Receipt of Payment	19.09.2023
	Date of Sample Received	19.09.2023
	Sampling Given by	Customer
	Sample Code	IDK-370/09/2023
	Sample Name	Bore Well Water
	Sample Condition	Good
	Source of Sample	Bore Well
	Sample Quantity	2ltr
	Test performing dates	From 19.08.2023 to 20.08.2023

Sl.No	Characteristics	Unit	Test Method	Acceptable Limit as per IS 10500-2012	Result
1	Colour	Hazen	IS 3025 (Part 4)-2021	5	1
2	Odour	-	IS 3025 (Part 5)-2018	Agreeable	Agreeable
3	Turbidity	(NTU)	IS 3025 (Part10)-2023	1.0	0.65
4	P ^H at25 °C	-	IS 3025 (Part 11)-2022	6.5 to 8.5	7.364
5	Total Alkalinity	(mg/litre)	IS 3025 (Part 23)-1986(Reaffirmed 2019)	200	28.56
6	Total Dissolved Solids (TDS)	(mg/litre)	IS 3025 (Part 16)-2023	500	42.00
7	Total Hardness (as CaCO ₃)	(mg/litre)	IS 3025 (Part21)-2009(Reaffirmed 2019)	200	24.480
8	Calcium (as Ca)	(mg/litre)	IS 3025 (Part 40)-1991(Reaffirmed 2019)	75	4.900
9	Magnesium (as Mg)	(mg/litre)	IS 3025 (Part 46)-1994(Reaffirmed 2019)	30	2.970
10	Chloride (as Cl)	(mg/litre)	IS 3025 (Part 32)-1988(Reaffirmed 2019)	250	9.890
11	Electrical conductivity at 25- C	(micromhos/cm)	IS 3025 (Part 14)-2013(Reaffirmed 2019)	-	85.83
12	Acidity	(mg/litre)	IS 3025 (Part 22)-1986(Reaffirmed 2019)	-	12.24
13	Sulphate (as SO ₄)	(mg/litre)	IS 3025 (Part 24/sec.1)-2022	200	1.320
14	Fluoride (as F)	(mg/litre)	IS 3025 (Part 60)-2008(Reaffirmed 2019)	1	0.058
15	Iron (as Fe)	(mg/litre)	IS 3025 (Part 53)-2003(Reaffirmed 2019)	1	0.10
16	Nitrate (as NO ₃)	(mg/litre)	APHA 23 rd Edition (UV Screening Method)2017	45	0.01
17	Residual Chloride	(mg/litre)	IS 3025(Part 26)2021	0.2	-

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
Name & Designation

CHEMIST
Quality Control District Lab
Kerala Water Authority
Cheruthony - Idukki - 685 602
Issue Date : 29.03.2024
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End of Report



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KERALA WATER AUTHORITY

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

Report No. : KWA/QCDL/IDK/F/5/370/23

Report Issue Date : 21.09.2023

Customer Name & Address	Date of Receipt of Payment	19.09.2023
De Paul Interational Residential School M K Padi Pushpagiri	Date of Sample Received	19.09.2023
	Sampling Given by	Customer
	Sample Code	IDK-370/09/2023
	Sample Name	Bore Well Water
	Sample Condition	Good
	Source of Sample	Bore Well
	Sample Quantity	125 ml
	Test performing dates	From 19.08.2023 to 20.08.2023

Sl. No.	Source	No of Coliforms per 100ml of sample	E.Coli in 100ml of sample
1	Water sample submitted by the customer	3 CFU/100 ml	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.

Authorized by
Name & Designation

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