



NENMENI SUDHAJALA VITHARANA SOCIETY

Reg. No. 83/06, Cheeral P.O 673595, Wayanad

26-05-2023

President / Secretary **REPORT AND ANALYSIS OF WATER** Date.....

SL.No : 66/23

Receipt Number : 7437

Source of sample : Bore Well

Sample Collected by : HI

Date of Collection : 23/05/2023

Date of testing : 26/05/2023

Address : Bharathiya Vidya Bhavan, sulthan Bathery.

SL.No	Characteristics	Unit	Desirable Limits	Permissible Limit	Actual Contents
PHYSICAL AND CHEMICAL ANALYSIS					
1	Turbidity	(NTU)	1	5	0.5
2	PH		6.5-8.5	6.5-8.5	6.2
3	Electrical Conductivity	micromhos/cm			340
4	Acidity	mg/liter			15
5	Alkalinity(Total)	mg/liter	200	600	36
6	Total dissolved solids	mg/liter	500	2000	187
7	Total Hardness(as Ca CO ₃)	mg/liter	200	600	90
8	Calcium (as Ca)	mg/liter	75	200	16
9	Magnesium(as Mg)	mg/liter	30	100	12
10	Chloride (as Cl)	mg/liter	250	1000	40
11	Flouride(as F)	mg/liter	1	1.5	BDL
12	Iron (as Fe)	mg/liter	0.3	1.0	BDL
13	Nitrate	mg/liter		45	10
14	Sulphate	mg/liter		400	BDL
15	Ammonia		0.5	0.5	NIL
16	Residual Chlorine	mg/liter		0.2	NIL
BACTERIOLOGICAL ANALYSIS					
1	No.of coliforms in 100 ml				1100+
2	E.coli				NIL

General Suggestions based on the information furnished during the interaction:

- Well surrounding should be kept dry and clean To avoid wastewater intrusion, septic tank, soak pit, solid waste pit, kitchen/laundry waste away from the well.
- water collecting pit etc. should properly be constructed and maintained minimum 15 meters away from the well
- PH is low. So lime should be added to the Water
- Bleaching powder should be added to the water as it contains coliform Bacteria

M.M.MOL.V.S - *minud*
CHEMIST

WATER QUALITY TEST LAB
Nenmeni Sudha Jala Vitharana Society

Secretary
Secretary
Nenmeni Shudhajala
Vitharana Society
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Chairman
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