



# NENMENI SUDHAJALA VITHARANA SOCIETY

**Reg. No. 83/O6, Cheeral P.O 673595, Wayanad**

26-05-2023

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

SL.No : 60/23

Receipt Number : 7421

Source of sample : Bore Well

Sample Collected by : HI

Date of Collection : 20/05/2023

Date of testing : 25/05/2023

Address : Green Hills Public School, Moolankavu.

SL.No	Characteristics	Unit	Desirable Limits	Permissible Limit	Actual Contents
<b>PHYSICAL AND CHEMICAL ANALYSIS</b>					
1	Turbidity	(NTU)	1	5	0.1
2	PH		6.5-8.5	6.5-8.5	6.1
3	Electrical Conductivity	micromhos/cm			220
4	Acidity	mg/liter			16
5	Alkalinity(Total)	mg/liter	200	600	40
6	Total dissolved solids	mg/liter	500	2000	121
7	Total Hardness(as Ca CO3)	mg/liter	200	600	60
8	Calcium (as Ca)	mg/liter	75	200	16
9	Magnesium(as Mg)	mg/liter	30	100	5
10	Chloride (as Cl)	mg/liter	250	1000	24
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	4
15	Ammonia		0.5	0.5	NIL
16	Residual Chlorine	mg/liter		0.2	NIL
<b>BACTERIOLOGICAL ANALYSIS</b>					
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. N. M. V. S. - minud*  
**CHEMIST**  
**WATER QUALITY TEST LAB**  
 Nenmeni Sudha Jala Vitharana Society

*[Signature]*  
 Secretary  
 Nenmeni Shudhajala  
 Vitharana Society  
 Reg. No. 83/2006