



KERALA WATER AUTHORITY

QUALITY CONTROL DISTRICT LABORATORY
VIDYANAGAR, KASARAGOD - 671123

Phone 04994255791 / email : qclabkasaragod@gmail.com

REPORT ON ANALYSIS OF WATER

Name & Address		Jaimatha Senior Secondary School , Ulliyathadka		Book No.	
				178/124	
Source of sample		Open Well - (Sample brought by party)			
Date of collection		26.10.2021	Date of Testing		26.10.2021
Receipt No & Date		122687 dated 26.10.2021			
Sl No	CHARACTERISTICS	UNIT	Desirable limits	Permissible limit in the absence of alternate source	Actual Contents
PHYSICAL & CHEMICAL ANALYSIS					
1	Turbidity	NTU	1	5	1
2	pH		6.5 to 8.5	No relaxation	5
3	Electrical Conductivity	Micro mhos/cm			71
4	Acidity	mg/litre			16
5	Alkalinity (Total)	mg/litre	200	600	12
6	Total Dissolved Solids (TDS)	mg/litre	500	2000	46.10
7	Total Hardness [as Ca Co ₃]	mg/litre	200	600	18
8	Calcium (as Ca)	mg/litre	75	200	3.21
9	Magnesium (as Mg)	mg/litre	30	100	1.94
10	Chloride (as Cl)	mg/litre	250	1000	18
11	Fluoride (as F)	mg/litre	1.0	1.5	Nil
12	Iron (as Fe)	mg/litre	1	1.0	Nil
13	Nitrate [as Ca NO ₃]	mg/litre	45	No relaxation	Nil
14	Sulphate (as SO ₄)	mg/litre	200	400	9

Remarks:

Low pH

BACTERIOLOGICAL ANALYSIS		
15	No. of coliforms in 100ml	90
16	E.Coli	30

Remarks:


Water is fully contaminated with Coliforms and E- coli present

Chemist


Assistant Engineer

അറിയിപ്പ്: പൊതുമുഖം രാജ്യ വകുപ്പിന്റെ നിർദ്ദേശാനുസരണം കൂടി വെള്ളം തിളപ്പിച്ച് മാത്രമേ ഉപയോഗിക്കുവാൻ പാടുള്ളൂ.


Principal


Manager