



KERALA WATER AUTHORITY

QUALITY CONTROL DISTRICT LABORATORY

VIDYANAGAR, KASARAGOD - 671123

Phone 04994255791 / email : qclabkasaragod@gmail.com

REPORT ON ANALYSIS OF WATER

Name & Address		Easa School, Porwad			Book No.
					91/113
Source of sample		Bore well (sample through HI)			
Date of collection		24.08.2020	Date of Testing	24.08.2020	
Receipt No & Date		0503403 dated 24.08.2020			
Sl No	CHARACTERISTICS	UNIT	Desirable limits	Permissible limit in the absence of alternate source	Actual Contents
			IS 10500 :2012		
PHYSICAL & CHEMICAL ANALYSIS					
1	Turbidity	NTU	1	5	0.5
2	pH		0.5 to 8.5	No relaxation	6.8
3	Electrical Conductivity	Micro mhos/cm			47
4	Temperature (°C)				28.2
5	Acidity	mg/litre			6
6	Alkalinity (Total)	mg/litre	200	600	20
7	Total Dissolved Solids (TDS)	mg/litre	500	2000	30.55
8	Total Hardness [as Ca CO ₃]	mg/litre	200	600	10
9	Calcium (as Ca)	mg/litre	75	200	2.41
10	Magnesium (as Mg)	mg/litre	30	100	0.472
11	Chloride (as Cl)	mg/litre	250	1000	4
12	Fluoride (as F)	mg/litre	1.0	1.5	0.72
13	Iron (as Fe)	mg/litre	0.3	1.0	Nil
14	Nitrate [as Ca NO ₃]	mg/litre	45	No relaxation	Nil
15	Sulphate (as SO ₄)	mg/litre	200	400	1.5
16	Phosphate (as PO ₄)	mg/litre			Nil
17	Ammonia	mg/litre	0.5	0.5	Nil
18	Residual Chlorine (Minm)	mg/litre	0.2		Nil
BACTERIOLOGICAL ANALYSIS					
19	No. of coliforms in 100ml				Nil
20	E.Coli				Ab

Remarks:

Tested parameters within the limit

Chemist


ASSISTANT ENGINEER
 QUALITY CONTROL DISTRICT LAB
 KERALA WATER AUTHORITY -
 VIDYANAGAR
 KASARAGOD - 671 123

അറിയിപ്പ് പൊതുജനങ്ങൾക്ക് വകുപ്പിന്റെ നിർദ്ദേശങ്ങൾ അനുസരിച്ച് തിരുത്തലുകൾ വരുത്തുന്നതിനായി തയ്യാറെടുത്തുകൊണ്ടിരിക്കുന്നു.