



KERALA WATER AUTHORITY
QUALITY CONTROL DISTRICT LABORATORY
MALAPPURAM-676505 PHONE: 0483-2738735
REPORT ON ANALYSIS OF WATER

Code No:EM 72

Name & Address:		Assistant Executive Engineer, Engineering Department, Calicut University.				
Source of Sample: Treatede Water(Unsealed sample brought by party).						
Date of Collection:		20.03.2018		Date of Testing:		20.03.2018
Amount to be Collected		850.00	Receipt No	796472	Date	20.03.2018
Sl. No	Charecteristics	Unit	As Per IS 10500 : 2012		Actual Contents	
			Desirable Limits	Permissible Limit	1	2
1	Turbidity	NTU	1	5	0.4	
2	Taste, Colour & Odour					
3	pH		6.5-8.5	6.5-8.5	7.18	
4	Electrical Conductivity	mho/cm			109.1	
5	Total Dissolved Solids	mg/litre	500	2000	70.9	
6	Acidity	mg/litre			8.0	
7	Alkalinity (Total)	mg/litre	200	600	26.0	
8	Total Hardness(as CaCO ₃)	mg/litre	200	600	20.0	
9	Calcium	mg/litre	75	200	4.01	
10	Magnesium	mg/litre	30	100	2.43	
11	Chloride	mg/litre	250	1000	22.0	
12	Flouride	mg/litre	1	1.5	BDL	
13	Iron	mg/litre	0.3	0.3	0.02	
14	Nitrate	mg/litre	45	45	BDL	
15	Sulphate	mg/litre	200	400	BDL	
16	Ammonia	mg/litre	0.5	0.5	BDL	
17	Bacteriological Analysis					
	Total Coliforms	No./100ml	Zero	Zero	Nil	
	E-Coli	No of colonies / 100ml	Absent	Absent	Absent	

*BDL- Below Detectable Limit

Remarks: All above tested parameters are within the desirable limit.

Chemist

Assistant Engineer

General Suggetions based on the information furnished during the interaction

1. Well surrounding should be kept dry and clean.
2. To avoid waste water intrusion, septic tank, soak pit, solid waste pit, kitchen / laundry waste water collecting pit etc should properly constructed and maintained minimum 15 meters away from the well
3. Well water should be analysed at least once in every year