



**TAMIL NADU WATER SUPPLY & DRAINAGE BOARD**  
**DISTRICT LEVEL WATER TESTING LABORATORY**  
 TWAD Board, No 100 K.P.Buliding, Thuraiyur Road, Namakkal.

**TEST REPORT** Ph: 04286-220281

From Er. T.Panneerselvam B.E.,  
 Assistant Executive Engineer,  
 TWAD Board, DWT Lab,(A/C)  
 RWS Sub Division ,  
 Namakkal.

To  
 The Correspondent,  
 Sri Ramachandra Public School,  
 Elachipalayam,  
 Tiruchengode (T.k)  
 Namakkal.


Lr.No: 1807-1808/AEE/TWAD Lab/ NKL /2021/Dated: 23.03.2021

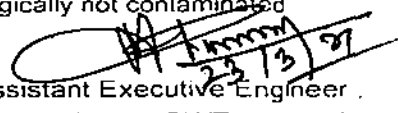
Sir,  
 Sub: Examination of water sample - Report furnished - Reg.  
 Ref: 1) Your Lr.No.Nil/dt - 19.03.2021  
 2) T.O Invoice No.5316/dt -20.03.2021 for Rs-1652/-.

The results of analysis for the given water sample sent under reference is furnished below

Sample No				1807-1808
Date of Collection				20.03.2021
Date of Receipt				20.03.2021
Scheme				Private
Source				Borewell
Location of Sampling				RO outlet water of Ramachandra public school
Habitation				Elachipalayam
District				Namakkal
	<b>BIS 10500 : 2012</b>	<b>Acceptable limit</b>	<b>Permissible limit in the absence of alternate source</b>	<b>Result for Water sample No</b>
I	<b>PHYSICAL EXAMINATION</b>			<b>1807</b>
1	Appearance	--	--	Clear
2	Colour (Pt.Co - scale)	5	15	Colour less
3	Odour	Agreeable	0	None
4	Turbidity NT units	1	5	0
5	Total dissolved solids, mg/L	500	2000	105
6	Electrical conductivity micro mho/cm	--	--	152
II	<b>CHEMICAL EXAMINATION</b>			
7	pH	6.5 to 8.5	6.5 to 8.5	6.69
8	Ph-Alkalinity as CaCO <sub>3</sub> mg/L			0
9	Total Alkalinity CaCO <sub>3</sub> mg/L	200	600	28
10	Total Hardness as CaCO <sub>3</sub> mg/L	200	600	32
11	Calcium as Ca mg/L	75	200	8
12	Magnesium as Mg mg/L	30	100	3
13	Sodium as Na mg/L	--	--	16
14	Potassium as K mg/L	--	--	4
15	Iron as Fe mg/L	0.3	0.3	0
16	Manganese as Mn mg/L	0.1	0.3	0
17	Free Ammonia as NH <sub>3</sub> mg/L	0.5	0.5	0
18	Nitrite as NO <sub>2</sub> mg/L	--	--	0
19	Nitrate as NO <sub>3</sub> mg/L	45	45	0
20	Chloride as Cl mg/L	250	1000	24
21	Fluoride as F mg/L	1	1.5	0
22	Sulphate as SO <sub>4</sub> mg/L	200	400	9
23	Phosphate as PO <sub>4</sub> mg/L	--	--	0
24	Tidy's Test 4hrs as O <sub>2</sub> mg/L	--	--	0
25	Free residual chlorine mg/L	0.2	1.0	0
III	<b>BACTERIOLOGICAL EXAMINATION</b>			<b>1808</b>
26	Fecal Coliform on /100ml	0	0	0/100ml

REPORT: The given water sample is chemically potable and bacteriologically not contaminated  
 Regular disinfection is necessary before supply.

  
 PRINCIPAL,  
**SHRI RAMACHANDIRA  
 PUBLIC SCHOOL,  
 ELACHIPALAYAM-637 202,  
 TIRUCHENGODE Tk,  
 Namakkal Dt, Tamil Nadu.**

  
 Assistant Executive Engineer,  
 TWAD Board, DWT Lab.(A/C)  
 RWS Sub Division, Namakkal

**CORRESPONDENT,  
 SHRI RAMACHANDIRA  
 PUBLIC SCHOOL,  
 ELACHIPALAYAM-637 202,  
 TIRUCHENGODE Tk.**