



# TAMILNADU WATER SUPPLY AND DRAINAGE BOARD

## District Level Water Testing Laboratory

TWAD Board, Opp Mattuthavani Bus Stand, Ganesh Nagar,  
Melur Road, Madurai - 625 007.

### TEST REPORT

Ph. : 0452 - 2583633

From

Mr. S. Vijayan, B.Sc., M.A.,  
Assistant Water Analyst,  
District Water Testing Laboratory,  
Madurai.  
Sir,

To

NMS Vijayalakshmi Sanjeevimalaiyan Kalviyngam,  
N.M.S.S. Vellaichamy Nadar College Campus,  
Nagamalai,  
Madurai.

Lr No.51357 & B51358/AWA/MDT/MDU/2018/dt.28.06.18.

Sub: Examination of Water sample- report -furnished - reg.

The result of analysis for the samples sent under reference is enclosed.

Source: Ro-water.

Location: Nagamalai Puthukottai, Madurai.

Date of Collection:27.06.18.

Date of Receipt :27.06.18.

I.PHYSICAL EXAMINATION:	BIS Limit: (10500: 2012)		Lab No 51357
	Acceptable limit	Permissible limit in the absence of alternative source	
1. Appearance	-	-	Clear & Colourless
2. Colour (pt.co-scale)	5	15	
3. Odour	Unobjectionable		
4. Turbidity NT Units	1	5	0
5. Total dissolved Solids mg/l	500	2000	57
6. Electrical Conductivity Micro mho/cm	-	-	104
<b>II.CHEMICAL EXAMINATION:</b>			
7. pH	6.5-8.5	6.5-8.5	7.34
8. Ph. Alkalinity as CaCO <sub>3</sub>	-	-	0
9. Total Alk. as CaCO <sub>3</sub>	200	600	8
10. Total Hardness as CaCO <sub>3</sub>	200	600	20
11. Calcium as Ca	75	200	5
12. Magnesium as Mg	30	100	2
13. Iron as Fe	0.1	1.0	0
14. Manganese	0.1	0.3	0
15. Free Ammonia as NH <sub>3</sub>	0.5	0.5	0
16. Nitrite as NO <sub>2</sub>	0.5	0.5	0
17. Nitrate as NO <sub>3</sub>	45	45	0
18. Chloride as Cl	250	1000	28
19. Fluoride as F	1.0	1.5	0.0
20. Sulphate as SO <sub>4</sub>	200	400	0
21. Phosphate as PO <sub>4</sub>	0.5	0.5	0
22. Tidy's Test 4 hrs.as O <sub>2</sub>	-	-	0.0
<b>III.BACTERIOLOGICAL EXAMINATION:</b>			B51358
23. Faecal coliform per 100 ml	0	0/100 ml	0

Result: The given water samples are chemically potable, and Bacteriologically not Contaminated.

*(Signature)*  
Assistant Water Analyst,  
District Water Testing Laboratory,  
Madurai.