



TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY
Manjalneerkayal, Thoothukudi - 628 152

From

J. Amala Lourdu Mary B.Sc(Spl), B.Ed.,
 Junior Water Analyst, (a/c),
 IWAD Board, D.W.T. Laboratory,
 Manjalneerkayal, Thoothukudi.

To

Servite School CBSE,
 3/222 Palay Main Road,
 Indira Nagar, Maravan Madam Post,
 Thoothukudi.

Lr No:44105-44106-F.Report/IWA/DWTL/MNKayal/2019-20/ Dt. .02.2021.

Sir,

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

Ref : 1. Your Lr.No/ Dt.28.01.2021.

2. T.O Invoice No. 4739/ Dated.28.01.2021 for Rs.1652/-

The result of analysis for the water sample sent under reference is furnished below.

Scheme : Private,

Date of Collection : 28.01.2021

Source: River Water,

Date of Receipt : 28.01.2021

Location : 44105-44106: School Campus,

BIS 10500 : 2012	Acceptable limit	Permissible limit in the absence of alternate source	Result
I. PHYSICAL EXAMINATION.			44105
1. Appearance	-	-	Clear
2. Colour	-	-	Colourless
3. Odour	Agreeable	Agreeable	None
4. Turbidity NT Units	1	5	0.0
5. Total dissolved Solids mg/L	500	2000	144
6. Electrical Conductivity Micro mho/cm	-	-	209
II. CHEMICAL EXAMINATION:			
7. pH	6.5-8.5	6.5-8.5	7.45
8. Ph. Alkalinity as CaCO ₃ mg/L	-	-	-
9. Total Alkalinity. as CaCO ₃ mg/L	200	600	80
10. Total Hardness as CaCO ₃ mg/L	200	600	50
11. Calcium as Ca mg/L	75	200	12
12. Magnesium as Mg mg/L	30	100	5
13. Sodium as Na mg/L	-	-	25
14. Potassium as K mg/L	-	-	2
15. Iron as Fe mg/L	0.3	1.0	0.00
16. Manganese mg/L	0.1	0.3	-
17. Free Ammonia as NH ₃ mg/L	0.5	0.5	0
18. Nitrite as NO ₂ mg/L	-	-	0.00
19. Nitrate as NO ₃ mg/L	45	45	1
20. Chloride as Cl mg/L	250	1000	18
21. Fluoride as F mg/L	1.0	1.5	0.0
22. Sulphate as SO ₄ mg/L	200	400	4
23. Phosphate as PO ₄ mg/L	-	-	0.00
24. Tidy's Test 4 hrs. as O ₂ mg/L	-	-	0.72
III BACTERIOLOGICAL EXAMINATION :			B44106
1. Faecal coliforms per 100 ml	Nil/100 ml	Nil/100 ml	Nil

Report 44105: The water is chemically potable.

B44106: The water is bacteriologically safe.

for *G. Mahesh Kumar*
 01/02/2021
 Junior Water Analyst (TWAD Board)
 District Water Testing Laboratory
 Manjalneerkayal, Thoothukudi.