



TAMIL NADU WATER SUPPLY & DRAINAGE BOARD
District Level Water Testing Laboratory,
TWAD Board, 46/50 Vellalar Colony, Ramavarmapuram, Nagercoil 629001.

Ph.04652-238315

TEST REPORT

From
 Er.B.Hari Govind,B.E
 Assistant Executive Engineer,
 TWAD BOARD,
 Maintenance Sub-Division ,
 Nagercoil-1 .

To
 MAR.IVANIOS CBSE School
 Bridge ward
 Kuzhithurai
 Kanyakumari District.

Lr.No.F.Drinking/ Lab No.39753-39754/AEE(i.c)/Lab /NGL/19-20/Dated 15.11.2019

Sir,

Sub : Examination of water sample - Report furnished - Reg.

Ref : 1) Your Lr.No. Nil/Dt. 13.11.2019
 2) Your D.D.No.087512/ Dt. 13.11.19 for Rs.1400/-
 3) Our Invoice No.8493/Dt. 13.11.2019 for Rs.1400/-

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

Scheme : Private

Source:Bore well

Location: Kuzhithurai

Lab No: 39753-39754

Date of Collection: 13.11.2019

Date of Receipt : 13.11.2019

BIS 10500 : 2012	Acceptable limit	Permissible limit in the absence of	Result
I. PHYSICAL EXAMINATION.			39753
1. Appearance	-	-	Clear
2. Colour	Agreeable	Agreeable	Colourless
3. Odour	-	-	None
4. Turbidity NT Units	1	5	0
5. Total dissolved Solids mg/L	500	2000	65
6. Electrical Conductivity Micro mho/cm	-	-	99
II.CHEMICAL EXAMINATION:			
7. pH	6.5-8.5	6.5-8.5	6.61
8. Ph. Alkalinity as CaCO ₃ mg/L	-	-	
9. Total Alkalinity. as CaCO ₃ mg/L	200	600	32
10. Total Hardness as CaCO ₃ mg/L	200	600	12
11. Calcium as Ca mg/L	75	200	3
12. Magnesium as Mg mg/L	30	100	1
13. Sodium as Na mg/L	-	-	12
14. Potassium as K mg/L	-	-	7
15. Iron as Fe mg/L	0.3	1.0	0.00
16. Manganese mg/L	0.1	0.3	0.00
17. Free Ammonia as NH ₃ mg/L	0.5	0.5	0.00
18. Nitrite as NO ₂ mg/L	-	-	0.00
19. Nitrate as NO ₃ mg/L	45	45	0
20. Chloride as Cl mg/L	250	1000	9
21. Fluoride as F mg/L	1.0	1.5	0.2
22. Sulphate as SO ₄ mg/L	200	400	1
23. Phosphate as PO ₄ mg/L	-	-	0.00
24. Tidys Test 4 hrs. as O ₂ mg/L	-	-	0.06
BACTERIOLOGICAL EXAMINATION			Lab No.39754
Fecal coliform per 100 ml.	0	0	0

Report:Lab No. 39753 : The water is Chemically notable

Fecal coliform per 100 ml.

0

0

0

Report:Lab No. 39753 : The water is Chemically potable .

Report:Lab No. 39754 : The water is bacteriologically safe.



B. Hanuman
18-11-15

Assistant Executive Engineer, TWAD Board
Maintenance Sub-Division, Nagercoil

ASSISTANT EXECUTIVE ENGINEER
T W A D B O A R D
MAINTENANCE SUB DIVISION
N A G E R C O I L