



TEST WATER BEFORE TASTE
TAMILNADU WATER SUPPLY AND DRAINAGE BOARD
DISTRICT WATER TESTING LABORATORY
Opp.ToMuthu Mandapam,Old ktpadi Road,Vellore-632004

Ph:0416-2215168

TEST REPORT

TO:
The DGM/Civil CP&S,
BHEL,BAP.
Ranipet.

Lr.No.-62233-62234/AWA/Lab/VLR/2019/dt.10.01.2020.

Sir,

Sub : Examination of water sample - Report furnished - reg.
Ref : Lr. No.BAP/CP&S/dt. 02.01.2020.

2.T.O Invoice No: 10192. Dated:02.01.2020,for Rs: 1652/-

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

Scheme : Other Govt

Date of Collection: 02.01.2020

Source :Ponnai River Bed

Date of Receipt : 02.01.2020.

Location: 62233-62234: FAN Shop-F3 BAY,In side Factory

BIS 10500:2012	Acceptable Limit	Maximum Permissible limit in the Absence of Alternative Source.	Result
I.PHYSICAL EXAMINATIONS			62233
1. Appearance			Clear
2. Colour (pt.co.scale)	5	15	Colourless
3. Odour	Agreeable	Agreeable	None
4. Turbidity NTU	1	5	1
5. Total dissolved solids _{Mg/L}	500	2000	999
6. Electrical conductivity micro mho/cm	-	-	1427
II.CHEMICAL EXAMINATIONS			
7. pH	6.5-8.5	6.5-8.5	7.58
8. Alkalinity Ph as CaCO ₃ _{mg/L}	-	-	0
9. Alkalinity Total as CaCO ₃ _{mg/L}	200	600	260
10. Total Hardness as CaCO ₃ _{mg/L}	200	600	296
11. Calcium as Ca _{mg/L}	75	200	62
12. Magnesium as _{Mg/L}	30	100	34
13. Sodium as Na _{mg/L}	-	-	-
14. Potassium as K _{mg/L}	-	-	-
15. Iron Total as Fe _{mg/L}	0.3	1.0	0.00
16. Manganese as Mn _{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	11
20. Chloride as Cl _{mg/L}	250	1000	226
21. Fluoride as F _{mg/L}	1.0	1.5	0.4
22. Sulphate as SO ₄ _{mg/L}	200	400	110
23. Phosphate as PO ₄ _{mg/L}	-	-	0.00
24. Tidys Test 4Hrs.as O ₂ _{mg/l}	-	-	0.1
BACTERIOLOGICAL EXAMINATION (M.F.Technique)			62234
Fecal Coliform(100MI)	0	0	0

Report:62233: The Water sample is chemically potable.

Report:62234: The Water Sample is Bacteriologically not contaminated.