

GOVT OF TRIPURA  
DWS SUB-DIVISIONAL LABORATORY, MAHA  
DHARA, TRIPURA

REPORT ON PHYSICAL & CHEMICAL ANALYSIS OF WATER SAMPLE

Name of source - SBDLW at Challengta Govt English Medium H.S. School [Sample - A]  
 Name of Block - Manu  
 Name of A.C. - Challengta

Sample supplied by - Assistant HM, Challengta Govt. English Medium H.S. School  
 Date of receipt of sample - 25.07.2019

Date of testing - 26.07.2019

R.C. No 42 CIMS Misc 2018 220 dt 07.07.2019

Sl. No.	DESCRIPTION OF TESTS	RESULTS	PERMISSIBLE LIMIT	REMARKS
1	Physical appearance	Slight Hazy	Clear	
2	Colour in Hazen unit	Slight Red	5	
3	Turbidity in NTU	33.8	5	
4	Taste & Odour if any	Agreeable	Unobjectionable	
5	pH-Value	6.72	Agreeable	
6	Total Alkalinity in mg/l	44	6.5 to 8.5	
7	Total Hardness in mg/l as CaCO <sub>3</sub>	92	600	
8	<b>Total Iron in mg/l as Fe</b>	1.84	600	
9	Chloride in mg/l as Cl	-	1.0	
10	Residual Chlorine in mg/l	-	1000	
11	Calcium in mg/l as Ca	-	0.2	
12	Magnesium in mg/l as Mg	-	200	
13	Zinc in mg/l as Zn	-	150	
14	Total Dissolved Solids (TDS) in mg/l	-	15	
15	Arsenic in mg/l as As	-	2000	
16	Sulphate in mg/l as SO <sub>4</sub>	-	0.05	
17	Fluoride in mg/l as F	-	400	
18	Nitrate in mg/l as NO <sub>3</sub>	-	15	
19	Chromium in mg/l as Cr	-	45	
20	Copper in mg/l as Cu	-	0.05	
21	Total Coliform MPN/100ml	-	15	
22	Faecal Coliform MPN/100ml	-	0	
			0	

*[Signature]*  
 Assistant  
 Sub-Divisional Laboratory Manu  
 Dhara, Tripura

*[Signature]*  
 26/07/19

Assistant Engineer  
 DWS Sub-Divisional Manu  
 Dhara, Tripura