

**GOVT. OF WEST BENGAL**  
**CONTAI SUB-DIVISIONAL LABORATORY**  
**PUBLIC HEALTH ENGINEERING DIRECTORATE**  
**MANOHARCHAK CONTAI, PURBA-MEDINIPUR**

<b>Ref:</b>	<b>TEST REPORT</b>		<b>Date: 26.05.2023</b>	
<b>District : Purba Medinipur</b>	<b>P.H.E. Sub-Division :-Contai</b>		<b>Block:- Contai-I</b>	
Sample No :	354			
Source of sample :	*1			
Name of Location:	"Mount Litera Zee School " School Code-15667.Srirampur,Contai (M)			
Types of Water Source:	Submersible Pump			
Date of collection:	23.05.2023			
Sample collected by :	Asim Kumar Jana			
<b>PHYSICAL PARAMETER</b>				
PARAMETER	EXPRESSED AS	STANDARD QUALITY As per IS: 10500		Result  *1
		Desirable Limit	Permissible Limit <small>(in absence of alternate source)</small>	
1. pH	-	6.5-8.5	No relaxation	7.63
2. TEMPERATURE	°C	-	-	29.6
3. TURBIDITY	NTU	1	5	1.57
4. TOTAL HARDNESS	mg/lit	200	600	232
5. TOTAL DISSOLVED SOLIDS	mg/lit	500	2000	400
6. CONDUCTIVITY	(µS/Cm)	-	-	667
7. SALINITY	P.P.T.	0.1	1	0.3
<b>CHEMICAL PARAMETER</b>				
1. IRON	mg/lit	0.3	1.0	0.32
2. MANGANESE	mg/lit	0.3	0.3	0.01
3. NITRATE	mg/lit	40	100	N.D.
4. CHLORIDE	mg/lit	250	1000	128
5. RESIDUAL CHLORINE	mg/lit	0.2	No relaxation	N.D.
<b>BACTERIOLOGICAL PARAMETER</b>				
1. TOTAL COLIFORM BACTERIA	MFT (CFU/100 ml)	-	-	0
2. FAECAL COLIFORM	Present/Absent	NIL	NIL	Absent
<b>Remarks:</b> i) From the above Chemical Test result, it can be said that all parameters of the water sample are within the permissible limits.				
ii) From the above Bacteriological Test result it can be said that the all samples are potable.				

*[Signature]*  
 26.05.23  
**Chemist & Bacteriologist**  
 Contai Sub-Division Lab PHE Dte.

*[Signature]*  
**Junior Engineer**  
 Contai Sub-Division PHE Dte

*[Signature]*  
**Asstt. Engineer**  
 Contai Sub-Division PHE Dte