

GOVT. OF WEST BENGAL
OFFICE OF THE ASSISTANT ENGINEER
KHARAGPUR SUB-DISTRICT LABORATORY
PUBLIC HEALTH ENGINEERING DIRECTORATE
KHARAGPUR, PASCHIM MEDINIPUR

GRN: 192024250030653648		TEST REPORT		Date-30/04/24						
District: Paschim Medinipur		Main road, Kharida, Kharagpur 721301								
Sample ID:		0149								
Source of sample :		*1		*2		*3		*4		
Name of Location:		Xavier International Public School								
Types of Water Source		Sub mersible								
Date of collection:		29/04/24								
Sample collected by:		Others								
PARAMETER		EXPRESSED AS	TEST RESULT		Result					
			STANDARD QUALITY As per IS: 10500:2012		*1	*2	*3	*4	*5	
			Desirable Limit	Permissible Limit (in absence of alternate source)						
PHYSICAL PARAMETER										
1. pH	-	6.5-8.5	No relaxation	7.18	-	-	-	-	-	
2. TURBIDITY	NTU	1	5	0.31	-	-	-	-	-	
4. TDS	mg/lit	500	2000	130.2	-	-	-	-	-	
CHEMICAL PARAMETER										
1. IRON	mg/lit	1.0(max.)	No relaxation	0.164	-	-	-	-	-	
2. MANGANESE	mg/lit	0.1(max.)	0.3 (max.)	0.03	-	-	-	-	-	
3. RESIDUAL CHLORINE	mg/lit	0.2(max.)	1(max.)	-	-	-	-	-	-	
4. TOTAL HARDNESS	mg/lit	200 (max.)	600 (max.)	36	-	-	-	-	-	
BACTERIOLOGICAL PARAMETER										
1. TOTAL COLIFORM BACTERIA	CFU/100 ml	Shall not be detected in any 100ml sample		00	-	-	-	-	-	
2. FAECAL COLIFORM	CFU/100 ml	Shall not be detected in any 100ml sample		00	-	-	-	-	-	
Remarks: i) From the above, Physical Parameter test Results are within Permissible Limit. ii)) From the above Chemical Test Result, it can be said that Results are within Permissible Limit. iii) From the above Bacteriological Test Results it can be said that Results are within Permissible Limit.										

N.B: Sample was not collected by the department, hence source and depth not confirmed.

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 30/04/24
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