



**DISTRICT WATER TESTING LABORATORY, R.W.S.&S. DIVISION PHULBANI,  
KANDHAMAL**

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	<p><b>WATER ANALYSIS REPORT</b></p> <p><b>TEST REPORT NO.- DWTLP-TR/09 /2023-24/S-1</b>  <b>ULR - TC98782300000011 F</b>  <b>DATE OF ISSUE -4.03.2024</b></p>	 <b>TC-9878</b>
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Sample Particulars		Details of Sampling	
<b>Name of the Customer :-</b>	Principal Public School ( English Medium ) At: Narayani Road Phulbani Kandhamal	Type of Source: -	Drinking Water
		Date of Sampling: -	02.03.2024.
		Sample receive date: - letter No.	Vide letter No. - Nil Dated -02.03..2024
		Sample Registration Date: -	02.03.2024
<b>Sample Package Condition:-</b> a) Quantity of Sample Received - 500ml (Each) b) Type of Container - pp		Sampling Protocol: -	Samples is not Collected by this laboratory
		Sample Collected by: -	Not Specified
		Sample Location: -	Public School ( English Medium ) Narayani Mandira Road ,Phulbani

**TEST RESULT**

Test Started on-		4.03.2024.		Test Completed on-		4.03.2024	
Sl.	Test Parameters	Units	Results	Requirements 84 IS 10500: 2012		Test Method	
				Acceptable Limit	Permissible Limit in absence of alternate source		
1	pH at 25.3°C	pH Unit	1- 6.88	6.5 to 8.5	No relaxation	Electrometric Method, (APHA 23 <sup>rd</sup> Ed 4500-H <sup>+</sup> B)	
2	Chloride	mg/l	1-20.0	250	1000	Argentometric Method (APHA 23 <sup>rd</sup> Ed 4500 - Cl- B)	
3	Total Hardness (as CaCO <sub>3</sub> )	mg/l	1-60.0	200	600	EDTA Titrimetric Method (APHA 23 <sup>rd</sup> Ed 2340 C)	



4	Total Alkalinity (as CaCO <sub>3</sub> )	mg/l	1-56.0	200	600	Titration Method (APHA 23 <sup>rd</sup> Ed. - 2320 B)
5	Iron	mg/l	1-0.78	1.0	No relaxation	Phenanthroline Method (APHA 23 <sup>rd</sup> Ed 3500 - Fe B)
6	Turbidity	NTU	1-1.29	1.0	5.0	Nephelometric Method (APHA 23 <sup>rd</sup> Ed. - 2130. B)
7	TDS	Mg/l	1-129.1	500	2000	TDS Method (Dried at 180 degrees Celsius (APHA 23 <sup>rd</sup> Ed 4500-H <sup>+</sup> B)
8	Colour	CU	1- 2.0	5	15	Colour Comparison Method (APHA 23 <sup>rd</sup> Ed 4500-H <sup>+</sup> B)
9	Odor	-----	1-Agreeable	Agreeable	Agreeable	IS 3025 (Part 5) Second Revision :2012
10	Taste	-----	1- Agreeable	Agreeable	Agreeable	IS 3025 (Part 8) (Reaffirmed 2012) : 2012
11	Calcium	Mg/l	1-17.63	75	200	APHA 23 <sup>rd</sup> Ed.-3500-Ca Method B (EDTA Method)
12	Magnesium	Mg/l	1-3.88	30	100	APHA 23 <sup>rd</sup> ED Mg B (Calculation Method )
13	Temperature	°C	1- 24.8	-	-	APHA 23 <sup>rd</sup> ED-2550 B Laboratory Method

Note: - The samples were tested with dilution.

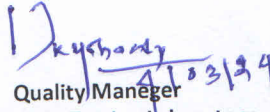
**Information on Test Report:**

Results relates only to samples received in the Laboratory.

The test report shall not be reproduced except in full without written approval of DWTLP

#APHA – American Public Health Association

Checked & compared by

  
 Quality Manager  
 District Water Testing Laboratory  
 RWSS Division, Phulbani, Kandhamal  
 District Water Testing Laboratory  
 RWSS&S Division, Phulbani  
 Kandhamal



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Customer Name : Prinicpal  
Public School  
Narayani Mandira Road  
Phulbani ,Kandhamal

Sampling Location: Public School  
Narayani Mandira Road  
Phulbani,kandhamal

Sample Collection Date: 2.03.2024  
Sample Receive Date: 2.03.2024  
Analysis Completed On: 4.03.2024

**TEST REPORT**

SI NO.	PARAMETERS	TEST METHOD	OBTAINED RESULT	Acceptable Limit	Permissible limit in absence of alternative source
14	E. coli	Colilert-18/DEXX-Quantity Tray (Enzyme Substrate Test)	1-Absent	Absent	Absent
15	Total Coliforms	do	1-Absent	Absent	Absent

*Dnyanesh*  
Quality Manager 4/03/24  
District Water Testing Laboratory  
RWSS&S Division, Phulbani  
Kandhamal