GOVERNMENT OF TRIPURA
OFFICE OF THE ASSISTANT ENGINEER
PWD (DWS) SUB-DIVISION BELONIA
BELONIA, SOUTH TRIPURA.

NO. F.3(54)/AE/DWS/BLN/ 214 - 16 Dated the Belonia-23 th July, 2026.

To
Sir/ Madam, Kishan Shome, (PGT)
Barpathari H.S School,
Belonia, South Tripura.
M.No-9774842968.

Sub- Sending of Report on physical, chemical and Bacteriological Analysis of water samples.

Ref. No.F. Nil, **Dated.**06-07-2026.

Sir,

With reference of the letter cited above, I am sending herewith the Report of physical Chemical and Bacteriological Analysis of water as submitted vide above reference.

This is for favour of kind information please.

Enclo:-As stated above.

Yours faithfully

Assistant Engineer
PWD (DWS) Sub-Division Belonia
Belonia, South Tripura.

Copy to: -

1. The Superintending Engineer, PWD (DWS) Circle Udaipur, Gomati Tripura for favour of his kind information please.
2. The Executive Engineer PWD (DWS) Division Belonia, South Tripura for favour of his kind information please.

Assistant Engineer
PWD (DWS) Sub-Division Belonia
Belonia, South Tripura.

Attested by

02/09/2026
Teacher In-Charge
Barpathari H.S. School
Belonia, South Tripura

GOVERNMENT OF TRIPURA
DISTRICT WATER TESTING LABORATORY
Drinking Water & Sanitation Division, Belonia, South Tripura,Tripura

TEST REPORT

NABL
TC-16145

Name &Address of the customer :

Barpathari H.S school
B-Rajnagar

ReferenceNo.: 190
Report No : 421
Date : 08/07/26
Sample ID :NABL/DLWTL/DWS/BLN/26/60
Date of Receipt of Sample : 08/07/26
Date of Start of Performance : 13/07/26
Date of End of Performance : 13/07/26
Date of Issue of Report : 21/07/26

We hereby certify that the following sample submitted to the laboratory has been analyzed with the following results:

1.	Description of Sample Container (*As declared by customer*)	:Plastic
2.	Sample condition :	:500 ml, good condition,at 4℃ Temperature
3.	Sample Mark (*if any, given by the customer*)	: NA
4.	Date of Sampling declared by customer	: Nil
5	Place of Sampling declared by customer	Barpathari H.S school

Analysis of Result

Sl. No.	Name of Test / Parameters	Permissible Limit (BIS 10500:2012)	Method of Testing	Result
1	Colour inCU (Hazen)	5 CU (Hazen)	APHA 24th Edition, 2120 B	<5
2	Taste		APHA 24th Edition, 2160 C	agreeable
3	Odour		APHA 24th Edition, 2160 C	Not tested
4	pH value at 25.0 ^{0}C	6.5-8.5	APHA 24th Edition,4500-H^+ B	6.44
5	Turbidity in NTU	5NTU	APHA 24th Edition, 2130 B	0.52
6	Total Alkalinity in mg/l as $CaCO_3$	600	APHA 24th Edition, 2320 B	52.00
7	Total Hardness in mg/l as $CaCO_3$	600	APHA 24th Edition, 2340 C	24.00
8	Total Dissolved Solid in mg /l.	2000	APHA 24th Edition, 2540 C	25.00
9	Calcium (as Ca) in mg/l	200	APHA 24th Edition,3500-Ca B	5.60
10	Magnesium (as Mg) in mg/l	100	APHA 24th Edition,3500-Mg B	4.47
11	Iron (as Fe) in mg/l	1.0	APHA 24th Edition 3500-Fe B	0.31
12	Chloride (as Cl) in mg/l	1000	APHA 24th Edition 4500-Cl⁻ B	16.01

- *The results relate only to the Sample tested as received from the costumer.*
- *This Test Report shall not be reproduced except in full, without the permission of District level Water Testing Laboratory, South Tripura District*
- *The remaining part of sample(s)shall be retained for 15 days from the date of issue of the Test Report.*
- *The report shall not used for advertisement or any legal purposes.*
- ***Remarks:** Based on the Parameters tested the Results of the sample is following the necessary requirements as per IS 10500:2012.*
- *The Laboratory is responsible for all the information given in this report.*
- ***Remarks:** Based on the Parameters tested the Results of the sample is following the necessary requirements as per IS 10500:2012.*

21/07/26
Tested By:
Name Nandita Bhowmik
Designation : Chemist

Attested by
09/09/2026
Teacher In-Charge
Barpathari H.S. School
Belonia, South Tripura

21/07/26
Reviewed &Authorized by:
Name: Pratima Dey
Designation:Quality Manager

End Of Report

GOVT. OF TRIPURA
DISTRICT LEVEL WATER TESTING LABORATORY
UNDER DWS SUB-DIVISION BELONIA
BELONIA, SOUTH TRIPURA

-:REPORT ON BACTERIOLOGICAL ANALYSIS OF WATER SAMPLE:-			
Receive no:- 190	Date:-06/07/2026		
Sample Code:	DLWTL/DWS/BLN/BACT/26/26		
Location:	Barpathari H.S. School		
Block/NP/MC:	Belonia,South Tripura		
Source:	Nil		
Date of collection:	Nil	Time	Nil
Date of receipt:	06/07/2026	Time	Nil
Date of testing:	10/07/2026	Time	04:30 pm
Sample collector:	School Staff		

PARAMETERS

SL NO	Description of Test	Result	Acceptable Limit BIS(IS:10500)	Max permissible Limit BIS(IS:10500)
1	Physical appearence	Clear	...	...
2	Total Coliform (CFU/100ml)	0	0	No relaxation
3	Fecal Coliform (CFU/100ml)	0	0	No relaxation

Analysed By

Sukanta 23/07/26

Sukanta Karmakar
Micro Biologist
DWS DLWTL, Belonia
Belonia, South Tripura

Approved By

23/07/26

Sr. Research Assistant
DWS DLWTL, Belonia
Belonia, Tripura(S)

"Save Water Save Life"

Attested by

03/07/2026

Teacher in-Charge
Barpathari H.S. School
Belonia, South Tripura