

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

NO. F.3(54)/AE/DWS/BLN/ 289-91

Dated the Belonia-03rd September, 2026.

To
Sri Kulendra Tripura, Principal
B.K Institution, Belonia
Belonia, South Tripura.
M.No-9612151576.

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

Ref. No.F. 2 (8-3)/BKI-HS/BLN/CBSE/2021/82, Dated.21-08-2026.

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.

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:-304		Date:-28/08/26		
Sample Code:	DLWTL/DWS/BLN/BACT/26/56			
Location:	B.K.Institution			
Block/NP/MC:	Belonia, South Tripura			
Source:	Nil			
Date of collection:	Nil	Time	Nil	
Date of receipt:	28/08/2026	Time	03:06pm	
Date of testing:	31/08/2026	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 appearance	Clear	...	...
2	Total Coliform (CFU/100ml)	0	0	No relaxation
3	Fecal Coliform (CFU/100ml)	0	0	No relaxation

Analysed By

Sukanta
03/09/26

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

Approved By

S. M. K.
03-09-26

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

"Save Water Save Life"

GOVERNMENT OF TRIPURA
DISTRICT WATER TESTING LABORATORY

Drinking Water & Sanitation Division, Belonia, South Tripura, Tripura

TEST REPORT

Name & Address of the customer :

B.K.Institution
Belonia, South Tripura

ReferenceNo.: : 304
Report No : 454
Date : 28/08/26
Sample ID : DLWTL/DWS/BLN/26/93
Date of Receipt of Sample : 28/08/26
Date of Start of Performance : 02/09/26
Date of End of Performance : 02/09/26
Date of Issue of Report : 03/09/26

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°C 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	B.K.Institution

Analysis of Result

Sl. No.	Name of Test / Parameters	Permissible Limit (BIS 10500:2012)	Method of Testing	Result
1	Colour in CU (Hazen)	5 CU (Hazen)	APHA 24 th Edition, 2120 B	<5
2	Taste		APHA 24 th Edition, 2160 C	Agreeable
3	Odour		APHA 24 th Edition, 2160 C	Agreeable
4	pH value at 25.0 °C	6.5-8.5	APHA 24 th Edition, 4500-H ⁺ B	6.74
5	Turbidity in NTU	5 NTU	APHA 24 th Edition, 2130 B	0.78
6	Total Alkalinity in mg/l as CaCO ₃	600	APHA 24 th Edition, 2320 B	36.00
7	Total Hardness in mg/l as CaCO ₃	600	APHA 24 th Edition, 2340 C	48.00
8	Total Dissolved Solid in mg/l.	2000	APHA 24 th Edition, 2540 C	33.00
9	Calcium (as Ca) in mg/l	200	APHA 24 th Edition, 3500-Ca B	...
10	Magnesium (as Mg) in mg/l	100	APHA 24 th Edition, 3500-Mg B	...
11	Iron (as Fe) in mg/l	1.0	APHA 24 th Edition 3500-Fe B	0.39
12	Chloride (as Cl) in mg/l	1000	APHA 24 th Edition 4500-Cl ⁻ B	23.01

- The results relate only to the Sample tested as received from the customer.
- 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 be 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.

Analysed By

S. Mallick
03-09-26
Jr. Research Assistant
DWS, DLWTL, Belonia
Belonia, South Tripura

End Of Report