

No. F.5(35)/AE/DWS/STB/183
GOVERNMENT OF TRIPURA
OFFICE OF THE ASSISTANT ENGINEER
D.W.S. SUB-DIVISION, SANTIRBAZAR
SANTIRBAZAR, TRIPURA (SOUTH)

To,
The Principal
Eklavya Model Residential School
B.C Manu, Tripura (S)

Dated: - 03/07/2023

Sub: - Submission of Water Testing Report.

Sir,

With reference to the subject cited above I would like to inform you that we have collected water samples from SBDTW at Staff Quarter, DTW at Eklavya Model Residential School, SBDTW at Boys Hostel, SBDTW at Girls Hostel.

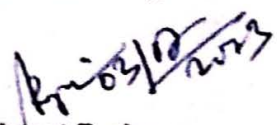
The following observations were made after the water testing:-

- (1) SBDTW at Staff Quarter: - IRP required for minimizing the iron content.
- (2) DTW at Eklavya Model Residential School: - Final iron content will be analyzed after completion of IRP maintenance.
- (3) SBDTW at Boys Hostel: - IRP required for minimizing the iron content.
- (4) SBDTW at Girls Hostel: - with in permissible limit but IRP may be required in future.

This is for favor of your kind information & necessary action from your end please.

Enclo: -
Water testing reports

Yours Sincerely,


Assistant Engineer
DWS Sub Division
Santirbazar, Tripura(S).


(SUDIP KR. PAL)
Principal

Eklavya Model Residential School
B.C. Nagar, Santirbazar, South Tripura
CASE No. 2829401 Code No. 35380



GOVERNMENT OF TRIPURA
SUB-DIVISION LEVEL WATER TESTING LABORATORY
UNDER AE. DWS SUB-DIVISION SANTIRBAZAR
SANTIRBAZAR, SOUTH TRIPURA, PIN-799144
(NABL Recognized Laboratory)
PWD(DWS)



TEST REPORT OF WATER SAMPLE

Sample ID:-

Source:- SBDTW at Staff Quarter at Ekalabya Model Residential School

Habitation:-

GP/VC/MNC:-

Birchandra Nagar

Block:-

Bagafa

District:-

South Tripura

State:-

Tripura

Date & Time of Collection:-

30-06-2023

Date & Time of Received:-

30-06-2023

Start Date & Time of Analysed:-

01-07-2023

End Date & Time of Analysed:-

03-07-2023

Sample Collector:-

DWS Office Representative

Sl. No.	Parameter	Unit	Max. Requirement as per BIS 10500	Permissible Limit as per BIS 10500	Test Result	Remarks
1	Odor	NA	Agreeable	Agreeable	-	
2	Color	Hazen Units	5	15	-	
3	pH	NA	6.5-8.5	No relaxation	6.75	
4	Turbidity	NTU	1	5	1.15	
5	TDS	mg/l	500	2000	-	
6	Total Hardness	mg/l	200	600	60	
7	Alkalinity	mg/l	200	600	36	
8	Iron	mg/l	1	No relaxation	1.52	
9	Chloride	mg/l	250	1000	-	
10	Calcium	mg/l	75	200	-	
11	Magnesium	mg/l	30	100	-	
12	Free Residual Chlorine	mg/l	0.2	1	-	
13	Fecal Coliform	MPN/100ml	0	No relaxation	-	
14	Total Coliform	MPN/100ml	0	No relaxation	0	

Analysed by
S. Smith
03-07-23

Jr. Research Assistant

Sub-Division Level Water Testing Laboratory

DWS Sub-Division Santirbazar, Tripura (S)





GOVERNMENT OF TRIPURA
SUB-DIVISION LEVEL WATER TESTING LABORATORY
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(NABL Recognized Laboratory)
PWD(DWS)



TEST REPORT OF WATER SAMPLE

Sample ID:-
Source:- IRP at Ekalabya Model Residential School
Habitation:-
GP/VC/MNC:- Birchandra Nagar
Block:- Bagafa
District:- South Tripura
State:- Tripura
Date & Time of Collection:- 30-06-2023
Date & Time of Received:- 30-06-2023
Start Date & Time of Analysed:- 01-07-2023
End Date & Time of Analysed:- 03-07-2023
Sample Collector:- DWS Office Representative

Sl. No.	Parameter	Unit	Max. Requirement as per BIS 10500	Permissible Limit as per BIS 10500	Test Result	Remarks
1	Odor	NA	Agreeable	Agreeable	-	
2	Color	Hazen Units	5	15	-	
3	pH	NA	6.5-8.5	No relaxation	6.73	
4	Turbidity	NTU	1	5	1.13	
5	TDS	mg/l	500	2000	-	
6	Total Hardness	mg/l	200	600	62	
7	Alkalinity	mg/l	200	600	38	
8	Iron	mg/l	1	No relaxation	1.50	
9	Chloride	mg/l	250	1000	-	
10	Calcium	mg/l	75	200	-	
11	Magnesium	mg/l	30	100	-	
12	Free Residual Chlorine	mg/l	0.2	1	-	
13	Fecal Coliform	MPN/100ml	0	No relaxation	-	
14	Total Coliform	MPN/100ml	0	No relaxation	0	

Analysed by

[Signature]
03-07-23

Jr. Research Assistant

Sub-Division Level Water Testing Laboratory
DWS Sub-Division Santirbazar, Tripura (S)





GOVERNMENT OF TRIPURA
SUB-DIVISION LEVEL WATER TESTING LABORATORY
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(NABL Recognized Laboratory)
PWD(DWS)



TEST REPORT OF WATER SAMPLE

Sample ID:-
Source:- SBDTW at Boys' Hostel at Ekalabya Model Residential School
Habitation:-
GP/VC/MNC:- Birchandra Nagar
Block:- Bagafa
District:- South Tripura
State:- Tripura
Date & Time of Collection:- 30-06-2023
Date & Time of Received:- 30-06-2023
Start Date & Time of Analysed:- 01-07-2023
End Date & Time of Analysed:- 03-07-2023
Sample Collector:- DWS Office Representative

Sl. No.	Parameter	Unit	Max. Requirement as per BIS 10500	Permissible Limit as per BIS 10500	Test Result	Remarks
1	Odor	NA	Agreeable	Agreeable	-	
2	Color	Hazen Units	5	15	-	
3	pH	NA	6.5-8.5	No relaxation	6.70	
4	Turbidity	NTU	1	5	1.06	
5	TDS	mg/l	500	2000	-	
6	Total Hardness	mg/l	200	600	60	
7	Alkalinity	mg/l	200	600	34	
8	Iron	mg/l	1	No relaxation	2.93	
9	Chloride	mg/l	250	1000	-	
10	Calcium	mg/l	75	200	-	
11	Magnesium	mg/l	30	100	-	
12	Free Residual Chlorine	mg/l	0.2	1	-	
13	Fecal Coliform	MPN/100ml	0	No relaxation	-	
14	Total Coliform	MPN/100ml	0	No relaxation	0	

Analysed by

S. N. S.
03-07-23

Jr. Research Assistant

Sub-Division Level Water Testing Laboratory
DWS Sub-Division Santirbazar, Tripura (S)



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(NABL Recognized Laboratory)
PWD(DWS)



TEST REPORT OF WATER SAMPLE

Sample ID:-

Source:-SBDTW at Girls' Hostel at Ekalabya Model Residential School

Habitation:-

GP/VC/MNC:-

Birchandra Nagar

Block:-

Bagafa

District:-

South Tripura

State:-

Tripura

Date & Time of Collection:-

30-06-2023

Date & Time of Received:-

30-06-2023

Start Date & Time of Analysed:-

01-07-2023

End Date & Time of Analysed:-

03-07-2023

Sample Collector:-

DWS Office Representative

Sl. No.	Parameter	Unit	Max. Requirement as per BIS 10500	Permissible Limit as per BIS 10500	Test Result	Remarks
1	Odor	NA	Agreeable	Agreeable	-	
2	Color	Hazen Units	5	15	-	
3	pH	NA	6.5-8.5	No relaxation	6.84	
4	Turbidity	NTU	1	5	0.87	
5	TDS	mg/l	500	2000	-	
6	Total Hardness	mg/l	200	600	52	
7	Alkalinity	mg/l	200	600	40	
8	Iron	mg/l	1	No relaxation	0.97	
9	Chloride	mg/l	250	1000	-	
10	Calcium	mg/l	75	200	-	
11	Magnesium	mg/l	30	100	-	
12	Free Residual Chlorine	mg/l	0.2	1	-	
13	Fecal Coliform	MPN/100ml	0	No relaxation	-	
14	Total Coliform	MPN/100ml	0	No relaxation	0	

Analysed by

Jr. Research Assistant

Sub-Division Level Water Testing Laboratory

DWS Sub-Division Santirbazar, Tripura (S)