Govt. of Tripura
Office of the Assistant Engineer
DWS Sub-Division Amarpur
Amarpur, Gomati Tripura

No. F.6 (15)/AE/DWS/SD/AMP/2025-26/916 Dated. 09/12/2025

To,
The Assistant Engineer,
DWS Sub-Division Karbook,
Karbook Gomati Tripura,

Ref. F. No.1(61)/AE/DWS/SD/KBK/2025-26/511-512 Dt.04/12/2025

Sub:- Water Testing Report.

Sir,

I am Sending to you 03(Three)Nos. **Nos.** Water Testing Report of Acharjee Para & Beltoli BOP under DWS Sub-Division Karbook.

This is for favour of your kind information and necessary action please.

Enclo:- As Stated Above.

Yours faithfully

Assistant Engineer
DWS Sub-Division Amarpur
Amarpur, Gomati Tripura

"CONSERVE WATER SAVE LIFE"

GOVERNMENT OF TRIPURA
SUB -DIVISIONAL WATER TESTING LABORATORY
DWS SUB-DIVISION AMARPUR
AMARPUR, GOMATI TRIPURA

REPORT ON PHYSICAL, CHEMICAL & BACTERIOLOGICAL ANALYSIS OF WATER SAMPLE

Source of Sample :- Water Testing Report of DTW Scheme at Eklavya School under DWS Sub-Division Karbook.
Date of collection :- 05/12/2025.
Date of Receipt of Sample: - 08/12/2025 (Clear Water)
Date of testing :- 08/12/2025

Sl.No	Description of test	Result.	Desired limit	Permissible limit.	Remarks
1)	Temperature in ^{O}C	$30^{0}C$	-	-	
2)	Physical appearance	**Clear**	-----	------	
3)	Colour in Hazen unit	-----	5	25	
4)	Turbidity in NTU	0.4 NTU	0.1 NTU	1.00 NTU	
5)	Taste & Odour	Agreeable	Agreeable	Agreeable	
6)	pH-Value	7.3	6.5 to 8.5	No relaxation	
7)	Total Alkalinity in mg/l as $CaCO_3$	104 mg/l	200 mg/l	600 mg/l	
8)	Total Hardness in mg/l as $CaCO_3$	84.0 mg/l	300 mg/l	600 mg/l	
9)	Total Iron in mg/l as Fe	0.3 mg/l	0.1 mg/l	0.3 mg/l	
10)	Chloride in mg/l as Cl	32.0 mg/l	250 mg/l	1000 mg/l	
11)	Total Solid in mg/l	-	2000	No relaxation	
12)	Total Dissolved Solid in mg/l(TDS)	68.0mg/l	500	No relaxation	
13)	Total Suspended Solid in mg/l	-	05	No relaxation	
14)	Residual Chlorine as Cl in mg/l	Nil	0.2	No relaxation	
15)	Nitrate in mg/l asNO_3-N	------	45	100	
16)	Arsenic in mg/l as As	------	0.05	No relaxation	
17)	Sulphate in mg/l as SO_4	------	200	400	
18)	Calcium in mg/l as Ca	30.0 mg/l	75	200	
19)	Magnesium in mg/l asMg	54.0mg/l	30	150	
20)	Electrical Conductivity in µs	-----	-	-	
21)	Total Fluoride in mg/l as F	-------	1.0	1.5	
22)	Total Acidity in mg/l	-----	<12	No relaxation	
23)	Dissolve Oxygen in mg/l	----	06 or>06	No relaxation	
24)	*Total M.P.N. of Coliform/100 ml*	0(Zero)	*For Coliform organism: - 0(Zero)no./100ml*	No relaxation	
25)	*Total M.P.N. of Facal Coliform/100 ml*	------	*For Fecal Coliform Organism: - 0(Zero)no./100ml*	No relaxation	

Analysis by:-

8/12/25
Chemists
Sub-Divisional Water Testing Laboratory
DWS Sub-Division Amarpur
Amarpur, Gomati Tripura

8/12/25
In-Charge
Sub-Divisional Water Testing Laboratory
DWS Sub-Division Amarpur
Amarpur, Gomati Tripura

9/12/25
Assistant Engineer
DWS Amarpur Sub-Division
Amarpur Gomati Tripura