

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

No. F.6 (15)/AE/DWS/SD/AMP/2021-22/ 17-18

Dated 01/09/2021

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

Ref. F. No.1(61)/AE/DWS/SD/KBK/2021-22/291

Dated 22/09/2021

Sub:- Water Testing Report of Clear Water collected Silachari H/S School under DWS Sub-Division Karbook.

Sir,

I am Sending to you 1 (One)no. Water Testing Report of Clear Water collected Silachari H/S School 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

Copy to-

- 1) The Executive Engineer DWS Division Udaipur for kind information and necessary action please.

Assistant Engineer
DWS Sub-Division Amarpur
Amarpur, Gomati Tripura

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6/15/

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 :- Clear water from Silachari H/S School of Silachari R.D Block under DWS Sub-Division Karbook.

Date of collection:- 22/09/2021

Date of received :-29/09/2021

Date of testing :-30/09/2021

Sl.No	Description of test	Result.	Desired limit	Permissible limit.	Remarks
1)	Temperature in °C	33°C	-	-	
2)	Physical appearance	Clear	----	-----	
3)	Colour in Hazen unit	----	5	25	
4)	Turbidity in NTU	0.6 NTU	0.1 NTU	1.00 NTU	
5)	Taste & Odour	No Objectionable	No Objection	No Objection	
6)	pH-Value	7.1	6.5 to 8.5	No relaxation	
7)	Total Alkalinity in mg/l as CaCO ₃	120 mg/l	200 mg/l	600 mg/l	
8)	Total Hardness in mg/l as CaCO ₃	110 mg/l	300 mg/l	600 mg/l	
9)	Total Iron in mg/l as Fe	0.30 mg/l	0.1 mg/l	0.3 mg/l	
10)	Chloride in mg/l as Cl	36 mg/l	250 mg/l	1000 mg/l	
11)	Total Solid in mg/l	-	2000	No relaxation	
12)	Total Dissolved Solid in mg/l	-	500	No relaxation	
13)	Total Suspended Solid in mg/l	-	05	No relaxation	
14)	Residual Chlorine as Cl in mg/l	---	0.2	No relaxation	
15)	Nitrate in mg/l as NO 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	48 mg/l	75	200	
19)	Magnesium in mg/l as Mg	62 mg/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 :- <2 or 0(Zero)no./100ml	No relaxation	
25)	Total M.P.N. of Faecal Coliform/100 ml	---	For Faecal Coliform Organism :- 0(Zero)no./100ml	No relaxation	

Analysis by :-

In Charge
Sub-Divisional Water Testing Laboratory
DWS, Sub-Division, Amarpur
Amarpur, Gomati, Tripura.

Assistant Engineer
Amarpur DWS, Sub-Division
Amarpur, Gomati, Tripura