

GOVT OF ASSAM
OFFICE OF THE ASSTT. EXECUTIVE ENGINEER (PHE) DIBRUGARH SUB-DIVISION
DIBRUGARH

NO. AEE / PHE / DIB / LAB-1 / 2021-22 / 829 DTD. 07/12/2021

To,

The principal
.....
Delhi Public School
.....




Sub : Submission of water analysis report.

Sir,

Please find herewith the Physical, Chemical & Bacteriological analysis report of _____ nos water samples, for favour of your necessary action.

Enclosed:-As above


Yours faithfully


Asstt. Executive Engineer (PHE),
Dibrugarh Sub-Division: Dibrugarh.

Memo. NO. AEE / PHE / DIB / LAB-1 / 2021-22/ DTD.

Copy to :

1. The Executive Engineer (PHE), Dibrugarh Division, Dibrugarh for favour of kind information with a copy of the same.


Asstt. Executive Engineer (PHE),
Dibrugarh Sub-Division: Dibrugarh.

DISTRICT LEVEL LABORATORY
DIBRUGARH (PHE) DIVISION, DIBRUGARH, ASSAM
WATER ANALYSIS REPORT
As Per IS 10500

Date :- 17/11/2021

Name of School : Delhi Public School
 Name of Block : Lahowal
 Name of Habitation : Mohanbari
 Name of Gaon Panchayat : Mohanbari
 Source Installed : Self
 Type of Source : Tap Water
 Date of Collection : 15-11-2021
 Nature of Test : (a) Physical / Chemical / Bacteriological



Sl.	Parameters	Desirable	Permissible Limit	Value		Remarks
PHYSICAL TEST						
1	Turbidity (N.T.U)	5	10	1		
2	Conductivity	1	2000	147.8	µS/cm	
CHEMICAL TEST						
3	PH	6.5 to 8.5	No. relaxation	7.03		The parameters of the water sample are within the permissible limit.
4	Iron as (Fe)	0.3	1	0.45	Mg/Ltr.	
5	Alkalinity as (CaCo ₃)	200	600	112	Mg/Ltr.	
6	Total Hardness as (CaCo ₃)	300	600	152	Mg/Ltr.	
7	Total Dissolved Solids	500	2000	96.07	Mg/Ltr.	
8	Fluoride as (F)	1	1.5	0.43	Mg/Ltr.	
9	Nitrate as (No ₃)	45	45	1.14	Mg/Ltr.	
10	Chlorides as (Cl)	250	1000	20	Mg/Ltr.	
11	Residual Chlorine	0.2	--	Nil	Mg/Ltr.	
12	Calcium Hardness as (CaCo ₃)	75	200	56	Mg/Ltr.	
13	Arsenic(As)		0.01	Nil	Mg/Ltr.	
14	Magnesium as (Mg)	30	150	23.42	Mg/Ltr.	

BACTERIOLOGICAL TEST :-

1. Total Basall Coliform MPN / 100 ml. :- Absent
2. Total F.E Coliform MPN / 100 ml :- Nil

ITEMS :-

1. Excellent No Coliform
2. Satisfactory 1 to 2 No. coliform
3. Suspicious 3 to 10 No. coliform
4. Unsatisfactory More than 10.

Remarks : "Contamination not found"

Signature
 Asstt.Chemist(PHE)
 D.L.L. Dibrugarh

Signature
 In-charge, Laboratory
 Dibrugarh Sub-Division, Dibrugarh

Signature
 Asstt.Executive Engineer(PHE)
 Dibrugarh Sub-Division, Dibrugarh