

GOVERNMENT OF MANIPUR
PUBLIC HEALTH ENGINEERING DEPARTMENT

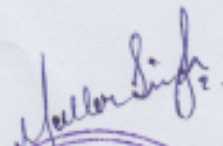
REPORT ON PHYSICO - CHEMICAL AND BACTERIOLOGICAL ANALYSIS OF WATER SAMPLES

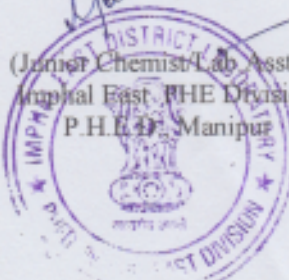
a	State	Manipur		
b	Name of Division	Imphal East		
c	Name of Block			
d	Name of G.P.			
e	Name of Village			
F	Name of Habitation			
g	Name of Place	Sainik School		
h	No. of sample	2 No.		
i	Type of Water Sample	1	2	3
		Pond water	Clear water.	
j	Date of sampling	9/07/2021		
k	Lab. Testing Date	19/07/2021		

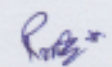
Type of Parameters to be tested
(Physical, Chemical & Bacteriological)

Sl No	Quality Parameter	Unit of Measurement	BIS-2012 Desirable Limit	BIS-2012 Permissible Limit	Actual level		
					Sample no.		
					1	2	3
1	Alkalinity	mg/l	200	600	100.00	60.00	
2	Calcium	mg/l	75	200	32.00	28.00	
3	Chloride	mg/l	250	1000	64.00	76.00	
4	Bacteria		0	0	-	-	
5	Conductivity	(μ mhos)	-	-	214.20	202.80	
6	Fluoride	mg/l	1.0	1.5	0.5	0.3	
7	Hardness	mg/l	200	600	70.000	120.00	
8	Iron	mg/l	0.30	1.00	1.00	0.2	
9	Magnesium	mg/l	30	100	9.234	22.36	
10	pH	mg/l	6.5	8.5	7.96	7.10	
11	Sulphates	mg/l	200	400	Nil	10.00	
12	TDS	mg/l	500	2000	139.23	131.82	
13	Turbidity	NTU	1.00	5.00	4.5	2.10	

Date:- 19/07/2021


 (Junior Chemist Lab Asstn.)
 Imphal East PHE Division
 P.H.E.D., Manipur




 Executive Engineer
 Imphal East PHE Division
 P.H.E.D., Manipur

ASSISTANT ENGINEER
 SUB DIVISION No. 1
 IMPHAL EAST PHE DIVISION
 P H E D-MANIPUR