DISTRICT WATER TESTING LABORATORY

Public Health Engineering Department, Sagar (M.P.)

No. /Lab Sagar Dated : 22/4/21

ANALYSIS REPORT

1. PARTICULARS

A. Name and Adress

To, Principal
Central School No. 3 Sagar

Reference No.

2. PARTICULARS OF SAMPLES :

Place of collection : Colledcted By : Date :

(i) Central School No. 3 Sagar T.W.
(ii)
(iii)
(iv)
(v)

3. PARTICULARS TO BE FILLED IN THE LABORATORY

A. Date and Time of Receipt 21/4/21 (B) TESTED ON

B. Laboratory Reference No. (D) CHEMICAL / BACTERIOLOGICAL

NATURE OF STUDY

S. No.	CHARACTERISTICS	UNITS	Limits as per manual on Water Supply and Tretment prepared & published by CPHEEO New Delhi		RESULTS				
			ACCEPTABLE	CAUSE FOR REJECTION	I	II	III	IV	V
	PHYSICAL								
1.	Temperature	^0C	–	–	18				
2.	Turbidity	JTU	2.5	10	0.8				
3.	Colour	Pt. Cobalt Scale	5.0	25	–				
4.	Taste and Odour	–	Unobjectionable	Unobjectionable	–				
	CHEMICAL				–				
5.	pH	pH Scale	7 to 8.5	6.5 to 9.2	7.1				
6.	Conductivity	Micromhos/cm	-	-	–				
7.	Alkalinity	mg/l	200	600	136				
	(a) Phenolophthaline	–	–	–	–				
	(b) Total Free Co_2	–	–	–	–				
8.	Chlorides	mg/l	200	1000	90				
9.	Nitrites	"	–	–	–				
10.	Nitrates	"	45	~~105~~	7.1				
11.	Total Hardness (as $CaCO_3$)	"	200	600	250				
12.	Calcium (as Ca)	"	75	200	68.8				
13.	Magnesium (as Mg)	"	>30	150	18.72				
14.	Total Solids	–	–	–	–				
	(a) Dissolved	mg/L	500	~~2~~1000	643.1				
	(b) Suspended	–"–	–	–	–				
15.	Iron (as Fe)	–"–	0.1	1.0	0.14				
16.	Maganese (as Mn)	–"–	0.05	0.5	0				
17.	Fluorides (as F)	–"–	1.0	1.5	0.14				
18.	Sulphaes (as SO_4)	–"–	200	400	19.1				
19.	Dissolved Oxygen	"	–	–	–				
20.	C.O.D.	"	10	–	–				
21.	B.O.D.	mg/L	6	–	–				
22.	Coagulont Dose	"	–	–	–				
23.	Residual Cl_2	"	–	–	–				

Note :

The figures indicated under column "acceptable" in the tabel given are the limits upto which the water is generally acceptable to the consumers.

Figures in excess of those mentioned under "acceptable" render the water not acceptable but still may be tolerated in the absence of alternative and better source but upto the limits indicated under column "Cause for rejection" above, beyond which the supply will have to be rejected.