

DISTRICT WATER TESTING LABORATORY

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

No. NTL/2021/Lab Sagar

Dated : 22/4/21

ANALYSIS REPORT

1. PARTICULARS

A. Name and Address

To, Principal
Central School No. 2
Sagar

Place of collection :

(i) Central School No. 2 Sagar T.I.C.
(ii) _____
(iii) _____
(iv) _____
(v) _____

Collected By :

Date :

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 Treatment prepared & published by CPHEEO New Delhi		RESULTS					
			ACCEPTABLE	CAUSE FOR REJECTION	I	II	III	IV	V	
	PHYSICAL									
1.	Temperature	°C	-	-	18.8					
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) Phenolphthaline	-	-	-	-					
	(b) Total Free CO ₂	-	-	-	-					
8.	Chlorides	mg/l	200	1000	90					
9.	Nitrites	"	-	-	-					
10.	Nitrates	"	45	100	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	1500	643.1					
	(b) Suspended	"	-	-	-					
15.	Iron (as Fe)	"	0.1	1.0	0.14					
16.	Manganese (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.	Coagulant 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.

BACTERIOLOGICAL TEST

K.V. NO 2 Sagar

Details of Sample	K.V. 2 Sagar T.W.			
Colliform organisms at 37 ⁰ c (MPN/100 ml)	-			
Faecal - Colliforms at 44 ⁰ c (MPN/100 ml)	-			

Special Test :

(i)

(ii)

(iii)

Remarks If any :

Tested physical, chemical & Bacteriological parameters within normal limits.

Arcei
CHEMIST

District Water Testing Laboratory

Sagar (M.P.)

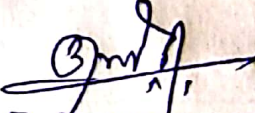
CAUTION :

- The physical and chemical properties of the water change drastically with respect to time. Therefore ensure that the sample reaches the laboratory within the maximum prescribed time limit of 72 hrs. for potable water. Samples should be collected in containers of Pyrex glass or other inert material like polythene. The min. quantity of the sample required for such tests is 2.5 ltrs.
- For Bacteriological test glass bottles provided with ground glass stopper having an over lapping rim should be used. The stopper and the neck of the bottle should be protected by brown paper. The sample should be collected with utmost care to ensure that no contamination occurs at the time of collection or prior to examination. The samples should reach to laboratory immediately after collection and got examined within 24 hours of collection. During transit, the temp. of the sample should be maintained as close as possible to that of the source at the time of sampling. If not analysed within 24 hours, the samples must be preserved in ice. No sample is fit for bacteriological analysis after 72 hours.
- This report shall not be valid any court of law for legal purpose.


Department of Finance, Government of Madhya Pradesh
Acknowledgement Receipt for Online Tax Payment to M.P.State Government

TIN (Tax payment Identification Number) / Enrollment/Registration No. : —	Depositor/Dealer Name : PRINCIPAL Address : KV NO 2 DD NAGAR GAMBHIRIYA ROAD MAKRONIA SAGAR Madhya Pradesh
Head of A/c details : 0215--01--800--0000	Concern Period : From Date: 01/04/2021 To Date: 31/03/2022
Name of Bank : State Bank Of India	District Name : SAGAR
Bank Scroll No. : 39153	Bank Scroll Date : 22/04/2021
Date and time of Transaction : 22/04/2021 16:16:10	
Amount : 1550	Amount in words : One Thousand Five Hundred Fifty Only.
Challan Identification No(CIN) : SBIN000615902152204202139153	
Bank Reference No(BRN) : CKQ3091622	
Cyber Receipt No. (CRN) : MPO021522042021000008	
Treasury Challan number : 021523	
Note: Challan search facility is available at www.mptreasury.org	

Water Testing fee


R.N. MOHKER
 प्राचाय/Principal
 केन्द्रीय विद्यालय क्र.2
 Kendriya Vidyalaya No.2
 सागर (म.प्र.)/Sagar (M.P.)