## SUB DIVISION WATER TESTING LABORATORY

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

1 No. 2 Jone /La	ANALYSIS	REPORT Dated :	Dated: 19/1/24		
1. PARTICULARS	2. PARTICULA	ARS OF SAMPLES :			
A. Name and Adress					
To, Principal	Place of collection :	Colledcted By:	Date :		
New Athrana Mah	Byter (melional p) SC	heol - D.42			
Chart Mittaria		i awa an	SMCCAT		
B. Reference No	(iii)				
	(iv)		•		
	(v)				
	BE FILLED IN THE LABORATORY	0			

## NATURE OF STUDY

(D) CHEMICAL / BACTERIOLOGICAL

		INA	TURE OF ST	UDY S					
S. No.	CHARACTERISTICS	UNITS	Limits as per manual on Water Supply and Tretment prepared & published by CPHEEO New Delhi		RESULTS				
			ACCEPTABLE	CAUSE FOR REJECTION	1	11	III	IV	V
	PHYSICAL		Park Line			-1			
1.	Temperature	O <sub>C</sub>			16	2			/
2.	Turbidity	JTU	2.5	10	1.0				
3.	Colour	Pt. Cobalt Scale	5.0	25		ar		/	
4.	Taste and Odour	-,	Unobjectionable	Unobjectionable					
SA.	CHEMICAL	voniced to	sicel, e	located Pay			/		
5.	pH	pH Scale	7 to 8.5	6.5 to 9.2	7-1				
6.	Conductivity	Micromhos/cm	7103 3	Parameter	1-1	/			
7.	Alkalinity	mg/l	200	600	128	4		Contract of	-
	(a) Phenolophthaline		- 100		1-0				
	(b) Total Free Co2						1		
8.	Chlorides	mg/l	200	1000	95	YT,			
9.	Nitrites	n e		•• -	72	,	- 10	1	
10.	Nitrates	ublic Health Far	45	10045	5.2	14	100		
11.	Total Hardness (as CaCO <sub>3</sub> )	už. Div. Laborator Kaurai (M. P.)	200	600	349	delsi	0 4	35	7
12.	Calcium (as Ca)		, 75	200	58				/
13.	Magnesium (as Mg)	u u	>30	150	13.0			1	
14.	Total Solids	AND THE RESERVE OF THE PERSON	_	_					
	(a) Dissolved	mg/L	500	1500	- 596		/	114	70
	(b) Suspended								
15.	Iron (as Fe)	or other facilities in ad	0.1	to make one or the twenty	01/2	1	100		
16.	Maganese (as Mn)	roserd unimikam er	0.05	0.5	O A	100	1	DETO:	
17.	Fluorides (as F)	into Revell to execut	1.0	n an intercept animous S	and the said	9.10	1	103	
18.	Sulphaes (as SO <sub>4</sub> )	ai sise-"	200	ests to set 400 o miss on	171		line.	- de la	
19.	Dissolved Oxygen	п						+	
20.	C.O.D. as persons	engote ellely bron	10	o sellied resig isel les		pine)	SHE.	1	
21.	B.O.D.	mg/L	ad art 6 a sam	ed the section of the		1 5.61	anakiri.	paris.	
22.	Coagulont Dose	11			_				+
23.	Residual Cl <sub>2</sub>	ii ii		Company of the Compan			BICH	122	1

## Note:

B. Laboratory Reference No.

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