

Memo No:- 57

Date:- 19/01/2023

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : BHW/03526/1/2023 / Departmental	Sample Details	Date & Time
Sender : Bhiwani PHESD No. 2	Collected By	KAPIL
Location : WW-BHW-Bhiwani , Govt girl school	Collection Date	18/01/2023 at 16:39
	Received at lab	19/01/2023 at 11:54
Sample Description : Drinking Water	Analysis Start Date	19/01/2023
	Analysis End Date	19/01/2023
Latitude / Longitude : 28.807720 / 76.147546	Sample Quantity	1 ltr.

Test Result (As Per BIS 10500 :2012)

S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Permissible Limit (In the Absence of Alternate Source)	Protocol Used
1	Total Dissolved Solids @ 180°C ± 2°C	324	500 mg/lt.	2000 mg/lt.	APHA2540 C; 2017
2	Total Hardness as CaCo3	200	200 mg/lt.	600 mg/lt.	APHA2340 C; 2017
3	Calcium as Ca	42.08	75 mg/lt.	200 mg/lt.	APHA3500-Ca B; 2017
4	Magnesium as Mg	23.08	30 mg/lt.	100 mg/lt.	APHA3500 Mg B; 2017
5	Iron as Fe	0.01	1.0 mg/lt.	1.0 mg/lt.	APHA3500-Fe B; 2017
6	Chloride as Cl	81.53	250 mg/lt.	1000 mg/lt.	APHA4500 Cl-B; 2017
7	Sulphate as So4	18	200 mg/lt.	400 mg/lt.	APHA4500-So4-E
8	Fluoride as F	0.32	1.0 mg/lt.	1.5 mg/lt.	APHA 4500-F--C
9	Nitrate as No3	1.4	45 mg/lt.	45 mg/lt.	APHA 4500-NO3- D
10	pH @ 25°C	7.87	6.5 - 8.5	6.5 - 8.5	APHA4500-H+ B; 2017
11	Total Alkalinity	95	200 mg/lt.	600 mg/lt.	APHA 2320 B; 2017
12	Turbidity	0.73	1 NTU	5 NTU	APHA2130 B; 2017

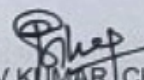
Remarks :-

- * The Results Given above are related to the sample as received and tested in PHED BHIWANI Lab.
- * The test report can't be regenerated in whole or part there of without written permission of Competent Authority.
- * The test report can't be used for any publicity or any legal purpose.
- * Reliability of water sample sample lies with sender/collector of water sample.
- * To check the sample report online Scan the QR Code below.
- * The test samples meant for chemical analysis will be disposed off after 15 days from the data of issue of test report unless until specifically requested by the customer for retaining over a longer period.

Water Sample has been found **"CONFORMING"** to Limits set in BIS10500:2012 for the tested parameters. Based on the tested parameters, the water sample is found **"POTABLE"**



Sample analyzed by : *Prince*


RAJEEV KUMAR CHEMIST
 DISTRICT WATER TESTING
 LABORATORY, BHIWANI
 email:-chemist.bhiwani@phedharyana.gov.in

-----END OF TEST REPORT-----