

Memo No:- 477

Date:- 22/05/2024

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : MEW/00781/5/2024 / Private	Sample Details	Date & Time
Sender : PM SHRI GSSS MP AHIR31665	Collected By	CHEMIST NUH
Location : MOHAMMADPUR AHIR	Collection Date	22/05/2024 at 09:14
Sample Description : Drinking Water	Received at lab	22/05/2024 at 12:08
Latitude / Longitude : 76.969163 / 28.277654	Analysis Start Date	22/05/2024
	Analysis End Date	22/05/2024
	Sample Quantity	1 Liter

Test Result (As Per BIS 10500 :2012)

S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Permissible Lmt. (In the Absence of Alternate Source)	Protocol Used
1	Total Dissolved Solids @ 180°C ± 2°C	474	500 mg/lit.	2000 mg/lit.	APHA 24th Edition -2540 C
2	Total Hardness as CaCo3	221	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2340 C
3	Calcium as Ca	16	75 mg/lit.	200 mg/lit.	APHA 24th Edition -3500 Ca-B
4	Magnesium as Mg	44	30 mg/lit.	100 mg/lit.	APHA 24th Edition -3500 Mg-B
5	Iron as Fe	<0.1	1.0 mg/lit.	1.0 mg/lit.	APHA 23rd Edition -3500 Fe-B
6	Chloride as Cl	60	250 mg/lit.	1000 mg/lit.	APHA 24th Edition -4500 Cl-B
7	Sulphate as So4	71	200 mg/lit.	400 mg/lit.	APHA 24th Edition -4500 SO4-E
8	Fluoride as F	<0.1	1.0 mg/lit.	1.5 mg/lit.	APHA 24th Edition -4500 F-D
9	Nitrate as No3	5.1	45 mg/lit.	45 mg/lit.	APHA 24th Edition -4500 NO3-D
10	pH @ 25°C	7.26	6.5 - 8.5	6.5 - 8.5	APHA 24th Edition -4500-H+ B
11	Total Alkalinity	189	200 mg/lit.	600 mg/lit.	APHA 24th Edition -2320 B
12	Color	<5	5 Hazen Units	15 Hazen Units	APHA 24th Edition -2120-B
13	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) : 1984 (RA 2018)
14	Turbidity	<0.5	1 NTU	5 NTU	APHA 24th Edition -2130 B
15	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8) : 1984 (RA 2022)

Remarks :-

- * The Results Given above are related to the sample as received and tested in PHED MEWAT 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 7 days from the data of issue of test report unless until specifically requested by the customer for retaining over a longer period.



Sample analyzed by :

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