

To,

The Principal
Rao Sultan Singh Memorial Sen Sr. School
Nimbhera

Memo No.PHEL/NNL/1906

Date: 25/06/2024

Subject:-


Testing Of Water Sample.

Ref.of your Test ID No:S32649/S32648

Dated 14/06/2024

On the above noted subject please find herewith the water sample report of the above mentioned water samples.

This is for your kind information& necessary action please.


Sudhir Chaudhary
Authorized Signatory/QM



PUBLIC HEALTH ENGINEERING DEPARTMENT
WATER TESTING LABORATORY, NARNAUL
NARNAUL (HR)



TEST REPORT

Test Report No. : PC- 2008	Issue Date:- 25.06.2024
Issued to : The Principal	Location:- Phed Supply
Your Reference No. : MHD/02305/6/2024	Collected by: - Jitender Kumar
Sample Type : Water	Sample collected date: - 14.06.2024
Name of person : Jitender Kumar	Sample received on: - 14.06.2024
Lab Job Order No. : 2008	Sample Quantity: 1 Ltr.
Address : Rao Sultan Singh Memorial Sen. Sr.School	Contact No.: 9467331523

S. No.	Parameter	Results	IS:10500:2012 (RA-2018)		Unit
			Desirable limit	Max. Permissible limit (in absence better alternate source)	
1	Total Dissolved Solids (TDS)	930	500	2000	mg/L
2	Iron (Fe)	0.14	1.0	1.0	mg/L
3	Sulphate (SO ₄ ²⁻)	32	200	400	mg/L
4	Nitrate	2.7	45	45	mg/L
5	Turbidity	0.39	1	5	NTU
6	Colour	05	5	15	Hazen
7	pH	7.22	6.5	8.5	-

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**PUBLIC HEALTH ENGINEERING DEPARTMENT
WATER TESTING LABORATORY
NARNAUL (HR)**



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RESULTS

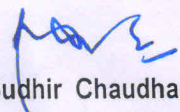
S. No.	Parameter	Protocol Used	Results	IS:10500:2012(RA-2018)		Unit
				Desirable limit	Max. Permissible limit (in absence better alternate source)	
8	Total Hardness(as CaCO_3)	APHA 23 rd edition 2340 C	160	200	600	mg/L
9	Calcium (as Ca)	APHA 23 rd edition 3500-Ca B	16.03	75	200	mg/L
10	Magnesium (as Mg)	APHA 23 rd edition 3500 Mg B	29.16	30	100	mg/L
11	Chloride (as Cl)	APHA 23 rd edition 4500 Cl- B	144.95	250	1000	mg/L
12	Total Alkalinity(as CaCO_3)	APHA 23 rd edition 2320 B	210	200	600	mg/L
13	Taste	IS:3025 Part 8	Agreeable	Agreeable	Agreeable	-
14	ODOUR	IS:3025 Part 5	Agreeable	Agreeable	Agreeable	-
15	Fluoride	APHA 23 rd edition 4500-F - D	1.01	1.0	1.5	mg/L

Opinion: The parameter tested at Sr.No. 1-15 in the test report meets the requirement of IS 10500:2012 (RA- 2018). The above water sample of sample descriptions . : Rao Sultan Singh Memorial Sen.Sr.School M/garh chemically Fit on the Above Parameters

Notes:

- The results given above are related to the sample as received and tested in PHED Lab, Narnaul. Reliability of sample lies with the sender.
- The test report can't be regenerated/re-produced in whole or in part without written permission of Laboratory.
- The test report can't be used for any publicity or any legal purpose.
- The test samples meant for chemical analysis will be disposed off after 15 days from the date of issue of test report unless until specifically requested by the customer for retaining over a longer period.

Sample analyzed by: Vikas


Sudhir Chaudhary
 Authorized Signatory/Qm

To,

The Principal
Rao Sultan Singh Memorial Sen. Sr. School
Nimbhera M/Garh

Memo No. 1907

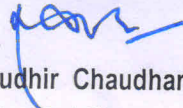
Date: 25/06/2024

Subject:- BACT – EXAM REPORT OF WATER SAMPLE

Person who collected sample: - Jitender Kumar
Sample collection Date :- 14/06/2024
Sample Receipt Date:- 14/06/2024

Sr. No.	Sample ID	SOURCE OF SAMPLE	NO. OF COLIFORM	No. of Feecal	RESULT
01	MHD/02304/6/2024	OWN T/W	0	0	Fit

The above sample is Fit for Human consumption.
Reliability of water sample lies with sender / collector of water sample.


Sudhir Chaudhary
Authorized Signatory/QM