

OFFICE OF THE CHEMIST
PUBLIC HEALTH ENGINEERING DEPARTMENT
WATER TESTING LABORATORY SONIPAT

To

Govt. Model Sanskriti Sr. Sec. School
Beeswanmeel, Rai, Sonipat.

Memo No.- 673

Dated :- 23/5/2023

Subject.- Chemical Analysis Reports.

Kindly find enclosed herewith 1 No. Chemical Analysis report from
Sample ID SNP/00779/5/2023 of water sample send by your office vide letter
No. Nill Dated 19.05.2023.

This is for your information & further necessary action please.

DA/As Above


Chemist

Public Health Engg.Deptt
Water Testing Laboratory, Sonipat

Govt. of Haryana
Public Health Engineering Department, Water Testing Laboratory, Sonipat
Email id: chemist.sonepat@gmail.com Ph.No.0130-2220321

Test Report

Test Report No. : SNP/00779/5/2023
 Issued To: : Govt. Model Sanskriti Sr. Sec. School
 Beeswanmeel Rai,sonipat
 Customer Reference No. : Nill Dated: 19.05.2023
 Sample Description : Water
 Sample Type : Chemical Analysis
 Sample collected on dated : 19.05.2023
 Sample Collected by : Party Self
 Sample received on dated : 19.05.2023
 Sample Location : R.O Water
 Sample Quantity : 2 Ltr
 Date of Analysis started : 19.05.2023
 Dated of analysis completed : 23.05.2023

RESULTS

Sr. No.	Parameter	Protocol Used	Results	IS: 10500: 2012 (RA-2018)		Unit
				Desirable limit	Max. Permissible limit (in absence better alternate source)	
1.	Taste	IS 3025(PartB)	Agreeable	Agreeable		-----
2.	Odour	IS 3025(Part5)	Agreeable	Agreeable		-----
3.	Colour	APHA 23 rd edition-2120-B	1.0	5	15	Hazen
4.	Turbidity	APHA23 rd edition-2130 B	0.61	1	5	NTU
5.	Total Dissolved Solids@180°c±2°c	APHA23 rd edition-2540 C	102	500	2000	mg/L
6.	Total Hardness	APHA23 rd edition-2340 C	64	200	600	mg/L
7.	Calcium (as Ca)	APHA23 rd edition-3500-Ca B	8.02	75	200	mg/L
8.	Magnesium (as Mg)	APHA23 rd edition-3500 Mg B	10.69	30	100	mg/L
9.	Total Alkalinity	APHA23 rd edition- 2320 B	48	200	600	mg/L
10.	Chloride (as Cl)	APHA23 rd edition-4500 Cl B	14.99	250	1000	mg/L
11.	pH @25°c	APHA23 rd edition-4500-H ⁺ B	6.86	6.5 to 8.5	No relaxation	pH Units
12.	Fluoride (as F)	USEPA	0.12	1.0	1.5	mg/L
13.	Nitrate (as NO ₃)	USEPA	0.0	45	45	mg/L
14.	Iron (as Fe)	USEPA	0.00	1.0	No Relaxation	mg/L
15.	Sulphate (as SO ₄)	USEPA	4	200	400	mg/L

Notes:

- The results given above are related to the sample as received and tested in PHED Lab, Sonipat. Reliability of sample lies with the sender. Sample not collected by this Laboratory.
- 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.

Deepika

Sample analyzed by: Pankaj

Authorized Signatory/Chemist
 PHED Water Testing Laboratory, Sonipat

END OF TEST REPORT