

**REGIONAL ADVANCE WATER TESTING LABORATORY, PHASE 2- SAS
NAGAR**

Water Works Complex, Phase- 2 , S.A.S NAGAR , Punjab
rawtlmohali@gmail.com

To,

Sub Divisional Engineer,
W/S & Sanitation Sub Division, Sehna at Barnala.

No.: RAWTL/2425/00326 Dated : 13/06/2024

Subject : Testing Reports of Water Samples.

Reference: Your Letter/SRF No. 511 Dated: 06/06/2024

As per above cited subject and reference, Please find enclosed here with the report of 1 Water sample/s received on dated 07/06/2024. It is request to fill the attached feedback form and send it back to Regional Advance Water Testing Laboratory, Phase 2- SAS Nagar

D/A : Test Report



**Authorized Signatory
For, Regional Advance Water Testing
Laboratory
Phase 2- SAS Nagar**

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TEST REPORT

Name & Address of Customer : Sub Divisional Engineer, W/S & Sanitation Sub Division, Sehna at Barnala.		Customer Reference No.	No : 511 Dated : 06/06/2024	
		Sample Submitted by	Mr. Hari Lal	
		Date of Sample Receipt	07/06/2024	
		Analysis Starting Date	08/06/2024	
		Analysis completion Date	13/06/2024	
Discipline : Chemical Testing		Group: Water		
ULR No.:	TC13027240000423F	Sample Type :	Water	
Test Report No.:	RAWTL/2425/00326	Date of Issue :	13/06/2024	
Registration no.:	RAWTL/REG2425/01610	Condition of Sample :	Unsealed	
Collection Point:	NA	Quantity/Type of Bottle:	1000 ml / Transparent Glass Bottle	
Scheme/Source:	Not Mentioned(Not Mentioned)	Location/Depth :	R.O Treated Water, (Akal Academy Kothe Baba Bhan Singh, Bhadaur) / NA	
Village :	Not Mentioned	Habitation :	Not Mentioned	
Block:	Sehna	District :	Barnala	
Latitude :	Not Mentioned	Longitude:	Not Mentioned	

Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	7.84	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-2022) Electrometric Method
2	Colour	<5	5	15	CU	IS 3025(Part 4-2021) Visual Comparison Method
3	Odour	Agreeable	Agreeable	Agreeable	--	IS 3025 (Part 5 – 2018) (Second Revision)
4	Taste	Agreeable	Agreeable	Agreeable	--	IS 3025 (Part 8 – 2023)
5	TDS	155	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
6	Turbidity	0.50	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
7	Alkalinity(CaCO3)	100	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
8	Hardness(CaCO3)	88	200	600	mg/l	IS 3025 (Part 21- 2009)(RA 2019) EDTA Method
9	Calcium(Ca)	16	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
10	Magnesium(Mg)	12	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method
11	Chloride(Cl)	9.0	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method
12	Aluminium(Al)	BDL(0.010)	0.03	0.2	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
13	Lead	BDL(0.005)	0.01	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS

Continue on next page...

Reviewed and Approved By

Mr. Satyender Singh
Sr. Chemist
Authorized Signatory
For,Regional Advance Water Testing Laboratory
Phase 2- SAS Nagar

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14	Selenium	BDL(0.005)	0.01	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
15	Chromium(Cr)	BDL(0.005)	0.05	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
16	Mercury	BDL(0.0005)	0.001	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
17	Arsenic(As)	BDL(0.005)	0.01	No relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
18	Cadmium(Cd)	BDL(0.001)	0.003	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
19	Nickel	BDL(0.005)	0.02	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
20	Iron(Fe)	0.007	1	No Relaxation	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
21	Copper(Cu)	BDL(0.010)	0.05	1.5	mg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS
22	Fluoride(F)	0.12	1.0	1.5	mg/l	APHA 24th Ed.2023, Method 4110
23	Nitrate(NO3)	6.20	45	No Relaxation	mg/l	APHA 24th Ed.2023, Method 4110
24	Sulphate(SO4)	20.95	200	400	mg/l	APHA 24th Ed.2023, Method 4110
25	Uranium	5.29	30	No Relaxation	µg/l	APHA (24th Ed.2023) Method: 3125 B By ICPMS

This Report is issued under the following terms & Condition :

1. The results apply to the sample as received only.
2. The sample will be destroyed after retention time unless otherwise specified specially.
3. This report is not to be reproduce wholly or in part and can't be used as evidence in court of law.
4. Abbreviation used (TDS = Total Dissolved Solids, mg/l = milligram per liter, BDL = Below detection limit, APHA = American Public Health Association, IS = Indian Standard, NT = Not Tested, NA = Not Applicable NTU = Nephelometric Turbidity Unit, RA = Reaffirmed, ND=Not Detected)
5. * Value not available or test not performed for this parameter.
6. Temperature condition limit: 25±5°C and Humidity condition limit:50 ±20%

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----- End of the Test Report -----