

TRADE WASTE AND EFFLUENTS RESEARCH UNIT (REGIONAL LAB), PATIALA

Room No. 301, 2nd Floor, Water Supply & Sanitation Department, Head Office, Nabha Road, Patiala

researchunitpatiala@yahoo.in

To,

SRI GURU HARKRISHAN PUBLIC SCHOOL,
Shanti Nagar, Patiala.

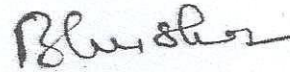
No.: TWERU/2324/00383 Dated : 17/10/2023

Subject : Testing Reports of Water Samples.


Reference: Your Letter/SRF No. 1148 Dated: 13/10/2023

As per above cited subject and reference, Please find enclosed here with the report of 1 Water sample/s received on dated 13/10/2023. It is request to fill the attached feedback form and send it back to Trade Waste and Effluents Research Unit (Regional Lab), Patiala

D/A : Test Report



Authorized Signatory
For, Trade Waste and Effluents Research Unit
(Regional Lab)
Patiala



Principal,
Sri Guru Harkrishan Public School,
Shanti Nagar, PATIALA

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TEST REPORT

TC-10208

Name & Address of Customer : SRI GURU HARKRISHAN PUBLIC SCHOOL, Shanti Nagar, Patiala.	Customer Reference No.	No : 1148 Dated : 13/10/2023
	Sample Submitted by	
	Date of Sample Receipt	13/10/2023
	Analysis Starting Date	16/10/2023
	Analysis completion Date	17/10/2023

Discipline : Chemical Testing		Group: Water	
ULR No.:	TC102692300000195F	Sample Type :	Water
Test Report No.:	TWERU/2324/00383	Date of Issue :	17/10/2023
Registration no.:	TWERU/REG2324/02304	Condition of Sample :	Unsealed
Collection Point:	NA	Quantity/Type of Bottle:	1000 ml / Plastic Bottles
Scheme/Source:	Not Mentioned(Not Mentioned)	Location/Depth :	Sumersible at Sri Guru Harkrishan Public School, Shanti Nagar, Patiala. / NA
Village :	Not Mentioned	Habitation :	Not Mentioned
Block:	Not Mentioned	District :	Patiala
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	6.85	6.5-8.5	No Relaxation	-	IS 3025 (Part 11-2022) Electrometric Method
2	TDS	110	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
3	Turbidity	0.10	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
4	Alkalinity	52	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
5	Hardness	40	200	600	mg/l	IS 3025 (Part 21- 2009)(RA 2019) EDTA Method
6	Calcium	5	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
7	Magnesium	7	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method
8	Fluoride	0.19	1.0	1.5	mg/l	APHA 24th Ed.2023, Method 4110
9	Chloride	15	250	1000	mg/l	APHA 24th Ed.2023, Method 4110
10	Nitrate	2	45	No Relaxation	mg/l	APHA 24th Ed.2023, Method 4110
11	Sulphate	22	200	400	mg/l	APHA 24th Ed.2023, Method 4110

Continue on next page...

Brij Bhushan

Sh. Brij Bhushan
Quality Manager
Authorized Signatory
For, Trade Waste and Effluents Research Unit
(Regional Lab)
Patiala

[Signature]
Principal,
Sri Guru Harkrishan Public School,
Shanti Nagar, PATIALA

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12	Residual Chlorine	BDL	0.2	1	mg/l	IS-3025 (Part-26) by Iodometric Method
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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: $25 \pm 5^{\circ}\text{C}$ and Humidity condition limit: $50 \pm 20\%$

Sh. Brij Bhushan
Quality Manager
Authorized Signatory
For, Trade Waste and Effluents Research Unit
(Regional Lab)
Patiala

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

Principal,
Sri Guru Harkrishan Public School,
Shanti Nagar, PATIALA