

BLOCK WATER TESTING LABORATORY, KHANNA

Water Supply & Sanitation Division, Court Complex, Samadhi Road, Khanna, Dist. Ludhiana

bwtlkhanna@gmail.com

To,

Nankana Sahib Public School
Samrala

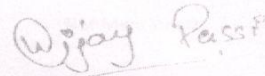
No.: BWTLKHA/2324/00146 Dated : 15/01/2024

Subject : Testing Reports of Water Samples.

Reference: Your Letter/SRF No. 01/NSPS/Sam/10074 Dated: 09/01/2024

As per above cited subject and reference, Please find enclosed here with the report of 1 Water sample/s received on dated 09/01/2024. It is request to fill the attached feedback form and send it back to Block Water Testing Laboratory, Khanna

D/A : Test Report



Authorized Signatory
For, Block Water Testing Laboratory
Khanna

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| TEST REPORT | | | | | | |
|--|------------|------------------------------|---------------------------------|--------------------------|---|---|
| Name & Address of Customer : Nankana Sahib Public School Samrala | | | Customer Reference No. | | No : 01/NSPS/Sam/10074 Dated : 09/01/2024 | |
| | | | Sample Submitted by | | Harkrishan Singh | |
| | | | Date of Sample Receipt | | 09/01/2024 | |
| | | | Analysis Starting Date | | 10/01/2024 | |
| | | | Analysis completion Date | | 12/01/2024 | |
| Discipline : Chemical Testing | | | Group: Water | | | |
| ULR No.: | | NABLDWT0049424002F | | Sample Type : | | Water |
| Test Report No.: | | BWTLKHA/2324/00146 | | Date of Issue : | | 15/01/2024 |
| Registration no.: | | BWTLKHA/REG2324/00999 | | Condition of Sample : | | Unsealed |
| Collection Point: | | Private Submersible | | Quantity/Type of Bottle: | | 1000 ml / Transparent Plastic Bottle |
| Scheme/Source: | | Not Mentioned(Not Mentioned) | | Location/Depth : | | Submersible at Nankana Sahib Public School Samrala / NA |
| Village : | | Not Mentioned | | Habitation : | | Not Mentioned |
| Block: | | Not Mentioned | | District : | | Ludhiana |
| 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 | 7.01 | 6.5-8.5 | No Relaxation | -- | IS 3025 (Part 11-2022) Electrometric Method |
| 2 | Colour | 1 | 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 | 470 | 500 | 2000 | mg/l | IS 3025 (Part 16-2023) Gravimetric Method |
| 6 | Turbidity | BDL | 1 | 5 | NTU | IS 3025 (Part 10-2023) Nephelometric Method |
| 7 | Alkalinity | 392 | 200 | 600 | mg/l | IS 3025 (Part 23-2023) Indicator Method |
| 8 | Hardness | 340 | 200 | 600 | mg/l | IS 3025 (Part 21- 2009)(RA 2019) EDTA Method |
| 9 | Calcium | 66 | 75 | 200 | mg/l | IS 3025 (Part 40-1991) EDTA Titrimetric Method |
| 10 | Magnesium | 43 | 30 | 100 | mg/l | APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method |

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| | | | | | | |
|----|----------|----|-----|------|------|---|
| 11 | Chloride | 36 | 250 | 1000 | mg/l | IS 3025 (Part 32-1988) Argentometric Method |
|----|----------|----|-----|------|------|---|

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: $50 \pm 20\%$

Reviewed and Approved By

Vijay Passi

Vijay Passi
Chemist/Analyst
Authorized Signatory
For,Block Water Testing Laboratory
Khanna

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