

**DISTRICT WATER TESTING LABORATORY, R.W.S.&S.DIVISION,  
Angul at Talcher,**

Mob. -8280408908; E-mail. -distlabangul@gmail.com



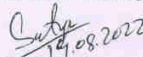
**WATER ANALYSIS REPORT**

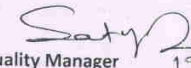
TEST REPORT NO.- DWTLA-TR/77/2022-23/S-1  
ULR - TC977322000000F  
DATE OF ISSUE - 19.08.2022

| Sample Particulars   |   | Details of Sampling                      |  |
|--|---|--|--|
| Name of the Customer :-  | D.A.V. Public School,<br>MCL,Jagannath Area, Dera<br>Talcher, Angul | Type of Source:-                         | Ground Water   |
|  |   | Date of Sampling:-                       | Not Specified  |
|  |   | Sample receive date:-<br>Vide letter No. | 17.08.2022 / Vide letter No. Nil/ Dated . 17.08.2022             |
| Sample Package Condition:-<br>a) Quantity of Sample Received -1000ml<br>b) Type of Container - PP<br>c) Sealed / Unsealed : Sealed |   | Sample Registration Date:-               | 17.08.2022   |
|  |   | Sampling Protocol:-                      | Samples are not collected by this laboratory                     |
|  |   | Sample Collected by:-                    | Not Specified  |
|  |   | Sample Location:-                        | D.A.V. Public School, MCL,Jagannath Area, Dera<br>Talcher, Angul |

| TEST RESULT                 |                         |            |           |   |   |  |
|-----------------------------|-------------------------|------------|-----------|---|---|--|
| Test started on-            |                         | 19.08.2022 |           | Test completed on-                            |   | 19.08.2022   |
| Sl.                         | Test Parameters         | Units      | Results   | Requirements IS 10500 : 2012                  |   | Test Method  |
|                             |                         |            |           | Acceptable Limit                              | Permissible Lim. in absence of alternate source |  |
| 1                           | Temperature             | °C         | 25.5      | -----   | -----   | Laboratory and Field Method (APHA 23 <sup>rd</sup> Ed 2550 B)                                  |
| 2                           | TDS                     | mg/l       | 110.1     | 500   | 2000  | Calculation Method   |
| 3                           | Fluoride                | mg/l       | 0.19      | 1.0   | 1.5   | Ion -Selective Electrode Method (APHA 23 <sup>rd</sup> Ed. - 4500 F °C)                        |
| 4                           | Colour                  | HU         | 1.0       | 5.0   | 15.0  | Visual Comparison Method (APHA 23 <sup>rd</sup> Ed.-2120 B)                                    |
| 5                           | Odour                   |            | Agreeable | Agreeable                                     | Agreeable                                       | Observation Method (APHA 23 <sup>rd</sup> Ed.-2150 B)  |
| <b>Bacteriological Test</b> |                         |            |           |   |   |  |
| 6                           | Total Coliform Bacteria | MPN/100ml  | 0.00      | Shall not be detectable in any 100 ml Samples |   | Coilert - 18 / IDEXX-Quantity Tray, (Enzyme Substrate test APHA 23 <sup>rd</sup> Ed 9223-CI-B) |
| 7                           | E. Coli                 | MPN/100ml  | 0.00      |   |   |  |

Note :- The samples were tested with dilution.  
**Information on Test Report :**  
Results relates only to samples received in the Laboratory.  
The test report shall not be reproduced except in full without written approval of DWTLA  
**#APHA - American Public Health Association**

Checked & Reviewed by  
  
19/08/2022  
Technical Manager

  
19/08/2022  
Quality Manager  
District Water Testing Laboratory  
RWS&S Division, Angul at Talcher  
Authorised Signatory

\*\*\*\*\*End of Report\*\*\*\*\*

**DISTRICT WATER TESTING LABORATORY, R.W.S.&S.DIVISION, ANGUL**

AT TALCHER,

Mob. -8280408908; E-mail. -distlabangul@gmail.com



**WATER ANALYSIS REPORT**

TEST REPORT NO.- DWTLA-TR/77/2022-23/S-1  
ULR - TC977322000000F  
DATE OF ISSUE -19.08.2022



TC - 9773

| Sample Particulars                     |  | Details of Sampling                      |  |
|--|--|--|--|
| Name of the Customer :-                | D.A.V. Public School, MCL, Jagannath Area, Dera Talcher, Angul | Type of Source:-                         | Ground Water   |
|  |  | Date of Sampling:-                       | Not Specified  |
|  |  | Sample receive date:-<br>Vide letter No. | 17.08.2022 / Vide letter No. Nil/ Dated .<br>17.08.2022        |
| Sample Package Condition:-             |  | Sample Registration Date:-               | 17.08.2022   |
| a) Quantity of Sample Received -1000ml |  | Sampling Protocol:-                      | Samples is not collected by this laboratory.                   |
| b) Type of Container - PP              |  | Sample Collected by:-                    | Not Specified  |
| c) Sealed / Unsealed : Sealed          |  | Sample Location:-                        | D.A.V. Public School, MCL, Jagannath Area, Dera Talcher, Angul |

**TEST RESULT**

| Test started on- |  | 19.08.2022 |                | Test completed on-           |  | 19.08.2022   |  |
|------------------|--|------------|----------------|------------------------------|--|--|--|
| Sl.              | Test Parameters                          | Units      | Results        | Requirements IS 10500 : 2012 |  | Test Method  |  |
|                  |  |            |                | Acceptable Limit             | Permissible Limit in absence of alternate source |  |  |
| 1                | Temperature                              | °C         | 25.5           | -----                        | -----  | Laboratory and Field Method ( APHA 23 <sup>rd</sup> Ed 2550 B) |  |
| 2                | pH                                       | pH Unit    | 6.61 at 25.5°C | 6.5 to 8.5                   | No relaxation                                    | Electrometric Method, ( APHA 23 <sup>rd</sup> Ed 4500-H B)     |  |
| 3                | Elect. Conductivity                      | µmho/cm    | 169.5          | ---                          | ---  | Instrumental Method (APHA 23 <sup>rd</sup> Ed 2510 B)          |  |
| 4                | Turbidity                                | NTU        | 3.76           | 1.0                          | 5.0  | Nephelometric Method (APHA 23 <sup>rd</sup> Ed. - 2130. B )    |  |
| 5                | Chloride                                 | mg/l       | 24.0           | 250                          | 1000   | Argentometric Method (APHA 23 <sup>rd</sup> Ed 4500 - Cl- B)   |  |
| 6                | Total Hardness (as CaCO <sub>3</sub> )   | mg/l       | 272.0          | 200                          | 600  | EDTA Titrimetric Method (APHA 23 <sup>rd</sup> Ed 2340 C)      |  |
| 7                | Total Alkalinity (as CaCO <sub>3</sub> ) | mg/l       | 40.0           | 200                          | 600  | Titration Method (APHA 23 <sup>rd</sup> Ed. - 2320 B)          |  |
| 8                | Iron                                     | mg/l       | 0.231          | 1.0                          | No relaxation                                    | Phenanthroline Method (APHA 23 <sup>rd</sup> Ed 3500 - Fe B)   |  |

Note :- The samples were tested with dilution.

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Checked & Reviewed by

*[Signature]*  
19/08/2022  
Technical Manager

*[Signature]*  
19/08/2022  
Quality Manager

District Water Testing Laboratory  
RWS&S Division, Angul at Talcher  
Authorised Signatory

\*\*\*\*\*End of Report\*\*\*\*\*