



CENTRAL POLLUTION CONTROL BOARD
REGIONAL DIRECTORATE SHILLONG
BSNL NE 1, TELECOM Circle, CTO Building, Ground Floor, Shillong - 793001

Water Laboratory (ANALYSIS REPORT)
Fresh Water Samples for Physico-Chemical Analysis Report

Samples Registration No. & Date : RD-SHIL/FW/2324/SR00007, 06/11/2023 Report No. & Date of Issue : RD-SHIL/2324/FW/00007,13/11/2023
Analysis Request Division/Organization : RD Shilong Report sent to (Name,Mobile no. & Address of Indentor) : DH of RD Shilong
Sample Details : Post Idol Immersion Sample Matrix : Fresh Water
Sample Collected by : Humbleman L. Mawphlang,Dr W.J Kharbhih Date & Time of Sample Receipt : 06/11/2023 13:09 PM
Sampling Plan Preference : Sample Analysis Period : 06/11/2023 to 10/11/2023
Report Status : Final

| Sr.No | Date of Sample Collection | Field Code | Color | Dissolved Oxygen (DO) | Total Hardness as CaCO ₃ | Turbidity |
|-------|---------------------------|------------|-------|-----------------------|-------------------------------------|-----------|
| 1 | 31/10/2023 | w4 | | | 73.5 | 7.68 |

BDL : Below Deduction Limit

Remarks (if any) :

BCH. 5 H Y W b W b H j c b g U F Y Y I d f Y g g X ' J b ' a [# Y I W d h d < ' U b X ' 7 c b X i W j] m f l e a \ c # A # L . f l e a \ c # A # L

Statement :

- 1.*****The results relate only to the samples tested.
- 2.*****The report shall not be reproduced except in full without written approval of the laboratory
- 3.*****BDL & Test methods are mentioned on back side of this report.
- 4.*****Samples will be retained only for one week after receipt of Report.

Analyst

Supervisor & Reviewer

Issued By (DH Water-Lab)

Ananda Kumar Ngangom

Rakesh Basumatary

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| Parameter Name | Test Method | Unit | Limit of Detection | Uncertainty of Measurement |
|-------------------------|--|------|--------------------|----------------------------|
| BOD | APHA 5210 B, 23rd Ed. 2017, 4500 OC, (5 days at # @ " \) # | mg/l | 01 | |
| Chloride | APHA 4500 - Cl B, 23rd Ed.: 2017 | mg/l | 2 | |
| COD | APHA 5220 B, 23rd Ed.: 2017 | mg/l | 2 | |
| Color | APHA 2120 C Spectrophotometric Method, 23rd Ed.: 2017 | mg/l | 5 | |
| Conductivity | APHA 2510 - B, 23rd Ed.: 2017 | | 1 | |
| Dissolved Oxygen (DO) | Iodometric Methods | mg/L | 0.15 | +0.05 |
| pH | APHA 4500 H+ - B, 23rd Ed.: 2017 | | 2 | |
| TDS | APHA 2540 C, 23rd Ed.: 2017 | mg/l | 5 | |
| Total Hardness as CaCO3 | 2340 EDTA Titrimetric method, 23rd Ed.: 2017 | mg/l | 5 | |
| Total Suspended Solids | | | 10 | |
| Turbidity | 2130 B Nephelometric Method, 23rd Ed.: 2017 | NTU | 1 | |

Analyst

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