

Water Quality Report - 2024-11-18 15:45:26

Overall Status: **Critical**

| | |
|------------------|---|
| Total Parameters | 5 |
| Total Alerts | 2 |
| Critical Alerts | 1 |
| Warning Alerts | 1 |

Measured Parameters

| Parameter | Value | Unit |
|------------|---------|----------|
| TDS (mg/L) | 990.00 | mg/L |
| EC (µS/cm) | 1490.00 | µS/cm |
| pH | 7.50 | pH units |

Predicted Parameters

| Parameter | Value | Unit | Reliability | Trend |
|-----------------|--------|------|-------------|-------|
| Chloride (mg/L) | 211.56 | mg/L | 0.84 | → |
| Sodium (mg/L) | 168.19 | mg/L | 0.90 | → |

Alerts

WARNING: TDS (mg/L) Current: 919.47 Threshold: 500.00 Exceedance: 83.9%

CRITICAL: EC (µS/cm) Current: 1568.58 Threshold: 750.00 Exceedance: 109.1%

Recommendations

High Priority - Action: Critical level exceeded for EC (µS/cm) Action: Investigate source of dissolved solids. Check for industrial runoff.

Medium Priority - Monitor: Warning level exceeded for TDS (mg/L) Action: Increase monitoring frequency and check for trends.