

# 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.