

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

Overall Status: **Critical**

Total Parameters	5
Total Alerts	4
Critical Alerts	4
Warning Alerts	0

Measured Parameters

Parameter	Value	Unit
TDS (mg/L)	2500.00	mg/L
EC (µS/cm)	3500.00	µS/cm
pH	8.50	pH units

Predicted Parameters

Parameter	Value	Unit	Reliability	Trend
Chloride (mg/L)	731.90	mg/L	0.84	→
Sodium (mg/L)	608.53	mg/L	0.90	→

Alerts

CRITICAL: TDS (mg/L) Current: 2163.76 Threshold: 500.00 Exceedance: 332.8%

CRITICAL: EC (µS/cm) Current: 3936.47 Threshold: 750.00 Exceedance: 424.9%

CRITICAL: Chloride (mg/L) Current: 731.90 Threshold: 250.00 Exceedance: 192.8%

CRITICAL: Sodium (mg/L) Current: 608.53 Threshold: 200.00 Exceedance: 204.3%

Recommendations

High Priority - Action: Critical level exceeded for TDS (mg/L) Action: Check water source and filtration system. Consider reverse osmosis treatment.

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

High Priority - Action: Critical level exceeded for Chloride (mg/L) Action: Check for saltwater intrusion or industrial contamination.

High Priority - Action: Critical level exceeded for Sodium (mg/L) Action: Evaluate water softening systems and check for saltwater intrusion.