

# Sample Wastewater Treatment Lab Report

**Client Name:** Winter Haven Utilities

**Site Name:** Lake Elbert Pump Station

**Sample ID:** Sample001

**Sampling Date:** June 6, 2025

**Collection Time:** 12:00 PM

**Manhole ID:** MH001

**WWTP:** East Wastewater Treatment Plant

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## Field Observations and Measurements

The water sample collected at the Lake Elbert Pump Station showed clear physical characteristics. The water was found to have a **pH of 7.8**, which is within the normal range for treated wastewater. Conductivity (EC) was measured in the field and found to be **845.5  $\mu\text{S}/\text{cm}$** .

**ORP was measured at 220.4 mV**, indicating a moderately oxidizing environment. The **temperature of the water was 23.6°C** at the time of sampling.

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## Lab Analysis

Ammonia ( $\text{NH}_3\text{-N}$ ) concentration in the water was **0.15 mg/L**, which is well below the NVL of 1.0 mg/L. No exceedance was observed in any tested parameters.

**No analysis was performed** for phosphorus and heavy metals due to sample size limitations. The lab noted that **below detection limit** conditions were not reached for any included tests.

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**Lab Name:** ABC Environmental Labs

**Analyst:** J. Doe

**Report Date:** June 7, 2025