

**Department:** Water

**Position:** **Water Plant Operator I**

**Accountable To:** Water/Wastewater Director, Facilities Maint./IT/WW  
Op. Manager, Lab Compliance Specialist,  
Water Plant Operator 2

**Supervision Exercised:** None

**Position Objective:** Proper operation and maintenance of municipal water treatment plant and distribution system. Operation must meet state and federal standards.

**Duties and Responsibilities:**

Must be able to attain working knowledge of water treatment plant, pump stations, and water storage tanks. Must have the ability to diagnose and treat problems with plant and related functions. Adjusts & maintains the flow of water through the treatment plant and distribution system to ensure effective and continuous water treatment. Works on distribution system as required. Must perform multiple lab tests to determine water quality compliance & sufficient chemical feed dosages. Monitor SCADA system to make process adjustments as needed. Backwashes dual media filters. Maintains and repairs pumps and equipment. Adds chemicals to chemical feeders. Responsible for maintaining accurate records and analysis results. Performs plant and grounds maintenance. All other duties as requested or assigned.

**Skills:**

A working knowledge of mechanical; analytical; laboratory; mathematics; chemistry; electrical; interpersonal and public relations.

**Mental Demands:**

Routine and non-routine duties; minor decision making; working knowledge of water treatment plant operations and testing procedures; and maintenance.

**Physical Demands:**

Good physical health and condition, standing reaching, manual dexterity, kneeling, climbing, lifting 50 pound chemical bags, etc.

**Experience:**

General work experience.

**Education/Training:**

High School Diploma or G.E.D. plus some training in mechanics, chemistry, maintenance or related areas.

**Working Conditions:**

Operation of tools and equipment; exposure to stressful situations and conditions, hazardous chemicals; confined spaces, noise; trenches; water and electrical, etc. On call and call outs 24/7. Weekend and shift work.

**Contacts:**

All city departments, contractors, vendors, suppliers; general public, and State and Federal regulators.

**Special requirements:**

Valid Colorado driver's license; home telephone; Must obtain a Class "D" water operator's certificate within one year of employment; Must obtain a Class "C" operator's certificate within three years of employment; Must obtain a Class "A" certification within five years of employment. The city has determined that this position is classified as "Safety Sensitive" which requires pre-employment drug and alcohol testing, and "random" drug and alcohol testing while employed in this position.