

Job title	<i>Water/Sewer Treatment Operator I</i>	Grade Number	8
Reports to	<i>Water/Sewer Treatment Department Supervisor</i>	FLSA Classification	<i>Hourly, Non-Exempt</i>
Department	<i>Public Works</i>	Effective Date	4/13/2022
Safety Sensitive Position = Yes		Work Environment, Substances Encountered, Tools-Machinery-Equipment	

Job purpose

Construct, repair, maintain and operate the water treatment plant, or water distribution or wastewater/sewer collection systems.

Duties and responsibilities

Monitor, diagnose, operate, construct, maintain, and repair the water treatment system and associated processes, including coagulation, flocculation, sedimentation, filtration, and disinfection.

Monitor and resolve issues related to collection of water at springs, wells, and rivers and delivery of product water to customers.

Monitor, diagnose, operate, construct, maintain, and repair the water distribution and sewer collection systems.

Perform work in construction, excavation and trenches, sewer manholes, vaults, tanks, and confined spaces.

Satisfactorily complete required tasks at a fully competent level in some or all of the duty areas enumerated in the W/S/T Operator career ladder.

Conduct tests and prepares reports and records associated with water and or sewer collection, distribution and treatment.

Operate computers and computer programs associated with job duties and assignments.

Respond to customer complaints and inquiries.

Inspect and repair pumps, tanks, and control systems for proper operation.

Perform pipeline, valve, and water and or sewer related equipment maintenance, repair, and replacement.

Operate equipment associated with applicable water and sewer system duties, including heavy equipment for excavating and construction, close circuit video monitoring, and sewer cleaning.

Operate a wide variety of power and hand tools and equipment used in general mechanical repair or the water and sewer systems.

Perform a variety of tasks necessary to keep structures, equipment, buildings, and grounds secure, safe, accessible and clean in appearance.

Performs other duties as assigned.

Qualifications

Education and Experience:

A. Graduation from High School or equivalent

AND

B. One (1) to three (3) years of experience skillfully and safely performing in two (2) of eight (8) duty areas.

Knowledge, Skills and Abilities:

- Knowledge of basic principles, procedures methods, material, and equipment used in the operation and maintenance of one or more systems in water treatment, water delivery and wastewater/sewer collection.
- Ability to perform at a high and complete competence level skillfully and safely in two (2) of the following eight (8) duty areas:
 - Water Treatment
 - Water Sampling and Analysis
 - Plumbing and Pipefitting
 - General Construction
 - Customer Service and Contractor Assistance
 - Heavy Equipment Operation
 - Excavation and Trenching
 - Sewer Cleaning and Inspection
- Knowledge of safe work practices, and ability to follow safety practices and procedures.
- Maintain good working relationships with supervisors, department employees, city staff, and public.
- Ability to work varied shifts and respond to 24-hour call-out for emergencies.
- Ability to work alone.
- Knowledge of federal and state collection/treatment regulations and requirements.
- Ability to read and use various meters, gauges, and related devices. Ability to perform basic mathematical computations related to flow rates, chemical calculations, capacity or volume, PSI and hydraulics.
- Ability to perform strenuous labor and work in a variety of weather and site conditions, day or night.

Special qualifications

- Must possess a Utah Driver's License and a Commercial Driver's License with required endorsements
- Must possess certification in construction signing and flagging
- Must possess a Utah Wastewater Collection Class I Certificate or a Utah Water Distribution Class I Certificate

Physical requirements and demands

- Moderate to heavy physical work is required. While performing the duties of this job, the employee is frequently required to move about, position self upon, and ascend/descend over and/or upon varying terrain, surfaces, and physical structures that are occasionally high and precarious. The employee is also required to remain in a stationary position for periods.
- The employee must be able to examine equipment and device readings, documents, and other materials. The employee must have the ability to recognize signs of potential hazards, including sounds and scents as well as visual indicators. The employee must observe all happenings in their surroundings, and effectively exchange accurate information with others.
- The employee must work inside and outside, in varying weather and temperatures, in wet and dry conditions. Employee will occasionally work around fumes or airborne particles, toxic or caustic chemicals, and raw sewage.
- Must be able to frequently move objects weighing up to 25 pounds, and occasionally up to 100 pounds.
- Must handle high levels of stress satisfactorily and must be congenial with every citizen, and fellow employees, at all times.

The above statements are intended to describe the general nature and level of work being performed by individuals assigned to this job. They are not intended to be an exhaustive list of all responsibilities, duties, or skills required. This job description is subject to change as the need and requirements of the job change.