



JOB DESCRIPTION

Title: **WATER TECHNICIAN IV**
Department: Public Works/Water
Class Code: 7570
FLSA Status: Non-Exempt
Effective Date: March 2016 (Rev. 02/2023)

GENERAL PURPOSE

Under general supervision of the Water Construction Supervisor, performs supervisory, skilled, and semi-skilled maintenance work and equipment operation and directs the work of a specialized crew.

ESSENTIAL DUTIES

- Performs daily, onsite supervision over a specialized crew. Repairs and replaces broken pipes, water mains, valving, fire hydrants, sample stations, fittings, meters, vaults, boxes, and other critical water infrastructure. Ensures safety of self, crew, and the public.
- Performs all functions of the Water Techs I, II, and III as necessary.
- Oversees assigned water main replacement projects; handles difficulties that arise; accurately tracks, records, and communicates progress.
- Operates, maintains, and trains employees in the proper and most efficient use of all necessary light, medium, and heavy equipment, equipment attachments, and hand/power tools. Gives instruction in safety precautions and procedures.
- Creates and accurately inputs information into work orders, service requests, and inspection reports. Bluestakes water utility lines when necessary.
- Transfers catalogued information to GIS for map updates.
- Maintains Murray City Water Facilities, landscape improvements, irrigation installs and repairs, concrete replacement, snow removal and all other necessary work.
- Assists Street Department crews during snow removal; operates large and small snowplows and snowblowers.
- May function as a Water Construction Supervisor on a limited basis.
- Assists Superintendent in compiling information to update SOPs and water specifications.
- Notifies the public for planned water line shutdowns and tries to keep the public up to date when changes are made. Forwards information to Murray City Public Works administration during emergencies.

- Leads Water Department personnel while responding to emergencies and makes necessary repairs to water mains, valves, pump control valves, pressure reducing clay valves, metering equipment, pumps, reservoirs, and property infrastructure.
- Collects samples from businesses, both commercial and industrial, to ensure compliance to Federal, State and City Regulations; collects water samples from residential; also collects water quality samples as required for new main line construction.
- Performs other related duties as required.

MINIMUM QUALIFICATIONS

Education and Experience

- Graduation from high school or completion of GED or equivalent plus (3) three years of construction, maintenance, or repair experience, at least (2) two years of which must have been in a position equivalent to a Water Tech III or any equivalent combination of education and experience which demonstrates the required knowledge, skills, and abilities.

Special Requirements

- Must have a valid Class A Utah Commercial Driver License with tanker endorsement.
- Must possess a State of Utah, Grade IV, Water Distribution Operator certification.
- Must be a certified Flag Person.
- Must be forklift certified.
- Must possess a Competent Person Trenching and Excavation certification.
- Performs duties on trouble truck and must be generally available and respond to emergency "call outs" within 30 minutes at any time of day, year-round, regardless of weather conditions.

Necessary Knowledge, Skills and Abilities

- Thorough knowledge of proper water works plumbing methods and techniques; equipment operating principles and procedures; thorough knowledge of the hazards and safety precautions relating to equipment operations; thorough knowledge of maintenance operations.
- Working knowledge of Murray City's Water Distribution System, GIS mapping, and CityWorks software.
- Understands the valve truck equipment and valve exercising program and can manage the program.
- Skill and ability in the operations of the maintenance equipment. Skill in operating computers, using Microsoft, work order, and other necessary system software programs as necessary.
- Ability to follow and teach standard safety practices and procedures common to equipment operation and maintenance work. Ability to create effective working relationships with employees and the general public; ability to effectively motivate employees to work; ability to follow standard safety practices and procedures common to equipment operation.
- Ability to set up and operate specialized equipment, i.e., pipe laser, survey transit or level including the ability to read and calculate necessary grades.

TOOLS & EQUIPMENT USED

- May include motorized vehicles and equipment, including dump truck, pickup truck, utility truck, compressors, sanders, generators, common hand and power tools, shovels, wrenches, radio, phone or lawn and landscaping equipment including tractors, mowers, chainsaw, edger, weed trimmers, electric motors, pumps, sprinklers, irrigation systems; miscellaneous hand and power tools for turf maintenance; chlorination equipment, pumps, valves, filtration devices, gauges, mueller tapping equipment and pneumatic boring machine.

PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- While performing the duties of this job, the employee is regularly required to reach with hands and arms. The employee frequently is required to stand; talk or hear; walk; and use hands to finger, handle, feel or operate objects, tools, or controls. The employee is occasionally required to sit; climb or balance; stoop, kneel, crouch, or crawl.
- The employee must frequently lift and/or move up to 50 pounds and occasionally lift and/or move more than 100 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception and the ability to adjust focus.

WORK ENVIRONMENT

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- While performing the duties of this job, the employee regularly works near moving mechanical parts and in outside weather conditions. The employee frequently works in high, precarious places and is frequently exposed to wet and/or humid conditions, fumes, or airborne particles, toxic or caustic chemicals, and vibration. The employee is occasionally exposed to risk of electrical shock.
- The noise level in the work environment is usually loud.

DEPT/DIVISION APPROVED BY: _____ DATE: _____

EMPLOYEE'S SIGNATURE: _____ DATE: _____

H. R. DEPT. APPROVED BY: _____ DATE: _____