



# Job Description

## Water Department

### System Maintenance Crew Position

<b>Job Code:</b> 022	<b>Range:</b> 27 – 37 (\$13.85 - \$17.55)
<b>Department:</b> Public Works	<b>Department Head:</b> Bruce Ward

#### **DISTINGUISHING FEATURE OF THE CLASS:**

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The fundamental reason this classification exists is to perform a wide variety of semi skilled to skilled work in the construction, replacement, repair, installation, and cleaning of the City's water supply and distribution systems and related facilities under the general guidance of the Public Works Director/City Engineer. The employee in this class is to perform a variety of duties under the direction of the Water Department Superintendent, including but not limited to maintaining and caring for the city's Water System. This classification is subject to overtime, call-back and standby assignments. This classification is also expected to assist as requested within all other utility departments within the City, including but not limited to roads, storm drainage, sewer, parks, and recreation.

#### **ESSENTIAL FUNCTIONS:**

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Duties may include, but are not limited to the following:

- Install, remove, clean, and repair sewer lines, storm lines, water lines and related facilities.
- Cut, lay, install, and repair water mains, storm lines, sewer lines, valves and hydrants, etc.
- Operate large construction equipment such as dump trucks, backhoes, loaders, trenching machines, etc.
- Build and repair manholes, catch basins, and other related facilities.

- Participate in construction, maintenance, and repair work, using established safe work practices and procedures.
- Operate large and complex maintenance equipment such as Hydro actors, rodders, hydro cleaners, closed circuit televising equipment, etc.
- Install barricades and route traffic in a safe manner.
- Respond to public complaints and requests for service.
- Turn on new water services, turn off discontinued water services and delinquencies, disconnect sewer services, and distribute notification papers related to the same.
- Operate a jackhammer and pour and finish concrete.
- Install shoring and related safety equipment.
- Operate sewer cleaning equipment in emergency conditions.
- Locate and repair water leaks, damaged lines, and worn valves.
- Install, test, repair, and replace fire hydrants.
- Test, repair, install, and replace backflow prevention devices.
- Perform related duties as assigned.

#### **NON-ESSENTIAL FUNCTIONS:**

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- Assist other departments as assigned.

#### **REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES:**

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##### *Knowledge of:*

- Basic construction, repair, and maintenance methods, procedures, tools, equipment, and materials.
- Safe work practices under hazardous conditions.
- Operation of a variety of construction equipment.
- Equipment used in the repair, installation, cleaning, and maintenance of the sanitary sewer system, storm collection system, water distribution system and related appurtenances.
- Safe work practices under hazardous conditions such as confined space entry, and working in the public right of way.
- City regulations, procedures, and operations related to operation and maintenance of the City's sewer, storm collection systems, and water distribution systems.
- City geography and the municipal street system.

##### *Skills:*

- Must have basic computer skills to understand water and sewer SCADA systems.

- Skills in welding, mechanical repair, pump maintenance, valve maintenance, equipment maintenance, pipe repair, sewer mains and laterals, water mains and laterals, water meters, is required.

*Ability:*

- Ability to get along well with fellow workers and to work independently;
- Ability to maintain a professional attitude in working with the public as well as other employees;
- Ability to read and correctly interpret safety procedures, training materials, and engineering drawings, and other City procedures;
- Ability to proficiently operate a 580 Case Backhoe and other construction equipment.

*Special Qualifications:*

- Must have current CDL license or acquire one within 60 days of hire;
- Current and up to date Water Distribution Certification Grade 2 or be able to acquire within 1 year of hire date.
- Other certifications are not specifically required but should be listed.

*Additional Requirements:*

- Must be at least 18 years old at time of appointment;
- Must possess a valid Utah driver's license;
- Must be physically capable of lifting 100 pounds, work in extreme hot, cold, wet, and dry environments, work in confined spaces, with raw sewage, etc, and be able to perform in such conditions for the entire work day.

**ACCEPTABLE EXPERIENCE AND TRAINING:**

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High school diploma or equivalent with at least five years of related construction experience or five years water system maintenance experience working with piping, pumps, valves, basic plumbing functions, and working with heavy equipment.

