

Title: Water Utilities Pipefitter I
PG: 31
Status: Civil Service
Position Reports to: Water Utilities Pipefitter Foreman
Department: Water Utilities

Class Code: 7082
Date: 09/08

GENERAL DESCRIPTION OF CLASS:

This is semi-skilled work in the installation and repair of water distribution and/or wastewater collection facilities and mechanisms. Work involves responsibility for the performance of semi-skilled duties assisting in the installation, repair, and maintenance of water and/or wastewater services and mains. The employee normally works under direct supervision, and all work is inspected in progress and upon completion.

ESSENTIAL FUNCTIONS (water):

1. Lays water mains; installs hydrants, valves, fittings, clamps, and sleeves; flushes lines; backfills around pipes; landscapes upon completion.
2. Makes routine water taps; digs holes for taps; sets up tapping mechanism; makes tie-ins; installs water service lines and meters.
3. Performs maintenance on materials, tools, and equipment.
4. Yarns, pours and pounds lead; cuts and bevels pipes; threads pipes; caulks joints.
5. Operates related heavy equipment such as electric grinder, air compressor, jack hammer, acetylene torch, dump truck and boom truck; may operate backhoe.
6. Perform helper duties for night time call out.
7. Performs all other associated duties in regards to the installation, maintenance of water lines/attributes and other associated services provided by the City.

ESSENTIAL FUNCTIONS (wastewater):

1. Lays wastewater gravity mains; manholes; force mains; valve vaults; installs air release, valves, fittings, clamps, and sleeves, and responsible for the more difficult repairs; backfills around pipes; landscapes upon completion.
2. Makes routine wastewater service extensions; digs holes for point repairs and sewer taps; sets up tapping mechanism; makes tie-ins; installs water service lines and meters.
3. Assists in construction and upgrading wastewater pumping stations.
4. Performs maintenance on materials, tools, and equipment.
5. Constructs manhole inverts.
6. Assists in pouring and finishing concrete for driveways, sidewalks and roadways
7. Cuts and bevels pipes; threads pipes.
8. Operates related heavy equipment such as air compressor, jack hammer, acetylene torch, coring machine, dump truck and boom truck, combination vacuum/jetting truck; may operate backhoe.
9. Participates in divisional after hours stand-by and call out program.
10. Performs all other associated duties in regards to the installation, maintenance of wastewater lines/attributes and other associated services provided by the City.

ADDITIONAL RESPONSIBILITIES (water):

1. Performs emergency repairs on the water distribution system after normal working hours; subject to working overtime and participating in stand-by duty.
2. Performs related work as required.

ADDITIONAL RESPONSIBILITIES (wastewater):

1. Performs emergency repairs on the wastewater collection system after normal working hours; subject to working overtime and participating in stand-by duty.
2. Performs related work as required.

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KNOWLEDGE, SKILLS & ABILITIES (water):

1. Skill in the use of small hand tools and related equipment.
2. Ability to learn the methods, practices and use of tools required for pipe, main service and water meter installation, testing, and repair.
3. Ability to operate line locating equipment.
4. Ability to understand and follow oral and written instructions.
5. Ability to establish and maintain effective working relationships with co-workers, other City employees and the general public.
6. Ability to perform heavy physical manual tasks for extended periods, often in adverse climatic conditions.

KNOWLEDGE, SKILLS & ABILITIES (wastewater):

1. Skill in the use of small hand tools and related equipment.
2. Ability to learn the methods, materials, practices and tools required for the extension, repair and maintenance of wastewater mains, services and valves.
3. Ability to operate line locating equipment.
4. Ability to understand and follow oral and written instructions.
5. Ability to establish and maintain effective working relationships with co-workers, other City employees and the general public.
6. Ability to perform heavy physical manual tasks for extended periods, often in adverse climatic conditions.

WORKING ENVIRONMENT/CONDITIONS (All):

Requires manual work that involves walking or standing some of the time and exerting up to 100 pounds of force on a recurring basis.

Occupation does require repetitive motion such as movement of the wrists, hands, legs and/or fingers.

The job risks exposure to some significant environmental hazards (entering confined spaces, chemical, electrical, mechanical, height, and heat), bright/dim light, inside and outside environmental conditions, noise levels.

The job requires normal visual acuity, and field of vision, hearing, speaking, color perception, sense of smell, depth, perception, and texture perception.

QUALIFICATIONS (EDUCATION, TRAINING, AND EXPERIENCE) (All):

1. High school diploma or its equivalent.

SPECIAL REQUIREMENTS (All):

1. Must possess and maintain a valid state of Florida driver's license. Must be able to obtain Class "A" CDL with appropriate endorsements as are required by the employing department within six (6) months of employment.
2. Must maintain a valid home telephone number.
3. Required to pass and maintain qualification for:
 - a. Respiratory Protection Physical.
 - b. Pulmonary Function.
 - c. Qualitative and Quantitative Fit Test(s).
4. May be required to work overtime, or alternate hours, as necessary for the efficient operation of the department. Position may be designated as Mission Critical by Department Director