



**WASTEWATER MAINS MAINTENANCE TRAINEE
WASTEWATER MAINS MAINTENANCE WORKER**

Reports to	Wastewater Mains Manager, Wastewater Mains Field Crew Leader or Wastewater Mains Senior Maintenance Worker
Supervises	Non-supervisory
Bargaining Unit	Service

BASIC FUNCTION

Under supervision, performs a variety of unskilled and semi-skilled assignments in the inspection, construction, maintenance and repair of sewer and storm water collection systems.; and performs related work as required.

DISTINGUISHING CHARACTERISTICS

Wastewater Mains Maintenance Trainee is the entry and training level of the Wastewater Mains Field Operations series. Under supervision and in a training capacity, incumbents are assigned routine, unskilled maintenance tasks while learning the basic construction and maintenance trades related to sewer and storm water systems. Incumbents generally work as a member of a crew, but may be given independent assignments. Upon successful completion of a one-year probationary period (to include scheduled proficiency exams and evaluations), incumbents will be promoted to Wastewater Mains Maintenance Worker. Trainees may be subject to call back or standby duty for after hours emergencies.

Wastewater Mains Maintenance Worker is the fully trained working level class in the Wastewater Mains Field Operations series. Under supervision, incumbents perform a broad range of duties in the basic inspection, construction and maintenance of sewer and storm water systems. Incumbents generally work as a member of a small crew, but may be given independent assignments and may, under direction, assist with training. Incumbents may also be assigned to on-call duty on a rotating basis and are subject to call-back for after hour emergencies.

TYPICAL DUTIES *(May include, but are not limited to, the duties listed below.)*

- Performs physical labor including shoveling, raking and digging; clears debris and brush; and loads, unloads and operates trucks to transport maintenance supplies and materials.
- Places traffic control flags, signs and cones to direct traffic around work sites; may direct traffic.
- Performs occasional simple fabrication and repair of equipment, using arc and gas welding.
- Uses a variety of general carpentry and mechanical hand tools.
- Operates equipment such as air compressors, pneumatic hammers, concrete saws, pipe cutters, sprayers, compactors, forklifts and rollers.
- Performs routine maintenance and repair of hand and power tools.
- Tactfully responds to questions and comments from the public.
- Responsible for the safe operation of equipment and tools used.
- Prepares and keeps written records; makes material and equipment requests.
- May, under direction, operate equipment such as backhoes, front-end loaders and trucks.
- Drives and operates a hydraulic vacuum or flush truck to clean sewer lines.

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- Operates power rodding equipment to clean sewer lines.
- Operates closed circuit television equipment to inspect sewer lines and diagnose problems.
- Constructs and repairs sewer and storm water related structures such as manholes and cleanouts.
- Locates sewer lines by reading maps, drawings and street markings.
- Enters into confined spaces such as manholes, vaults and tanks using appropriate safety procedures and apparatus.
- Installs, repairs and replaces sewer mains and laterals.
- Applies chemicals and rodent bait to sewer lines using appropriate safety procedures.
- Assist pump station maintenance crew as assigned
- May use respiratory personal protective equipment (PPE) as required .
- Performs related duties as assigned.

WORKING CONDITIONS

Position requires sitting, standing, walking on level, uneven and slippery surfaces, reaching, twisting, turning, kneeling, bending, stooping, squatting, crouching, grasping, and making repetitive hand movements in the performance of daily duties. The position also requires both near and far vision when operating assigned equipment. The ability to lift, carry and push tools, equipment and supplies weighing up to 95 pounds is also required. Additionally, the incumbent in this outdoor position works in all weather conditions, including wet, heat, and cold. The incumbent may be exposed to fumes, dust chemicals and air contaminants, vibration and moving objects, such as rotating overhead cranes, may be exposed to gasoline when fueling vehicles, and will work at heights of up to 30 feet when inspecting equipment. The nature of the work may also require the incumbent to work in confined spaces, climb ladders, use power and noise producing tools and equipment, drive motorized vehicles and work in heavy vehicle traffic conditions.

Some of these requirements may be accommodated for otherwise qualified individuals requiring and requesting such accommodations.

MINIMUM QUALIFICATIONS

Wastewater Mains Maintenance Trainee

Knowledge:

- Proper use and care of common hand tools.

Abilities:

- Safely perform heavy manual labor (which involves frequent bending, pulling, pushing, lifting and carrying of up to approximately 95 pounds) as determined by a pre-employment physical.
- Learn to operate power tools and equipment and to perform a variety of semi-skilled tasks.
- Follow manufacturers' safety data sheet (MSDS) instructions for division used chemicals.
- Follow oral and written instructions given in English.
- Work effectively as a member of a crew.
- Act in a courteous and diplomatic manner with members of the public.
- Perform math calculations to an eighth grade level as demonstrated by practical exam.

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Willingness to:

- Wear a uniform.
- Perform call-back duty as required.
- Be clean shaven at all times as required to wear respiratory protection equipment.

EDUCATION AND EXPERIENCE

Any combination of education and experience that provides the knowledge and abilities shown is qualifying. A typical way to obtain the required qualifications is to possess the equivalent of the following:

- Completion of the eighth grade; and
- Some paid or unpaid manual labor experience.

LICENSES

- Possession at time of hire and continued maintenance of a valid California Class C driver's license and a safe driving record. Possession by the end of the probationary period and continued maintenance of a valid California Class B driver's license with proper endorsements and a safe driving record.

Wastewater Mains Maintenance Worker

As required for the Wastewater Mains Maintenance Trainee, plus the following:

Knowledge:

- The basic techniques, equipment and materials used in the installation, cleaning and repair of sewer and storm water systems.
- Safety practices and procedures used in wastewater /storm water collection system maintenance

Skills:

- Effectively operate the various types of equipment used in wastewater/storm water collection system maintenance.

Abilities:

- Work effectively alone and as a member of a crew.

OTHER REQUIREMENTS

- Willingness to perform on-call duty assignments and call-back work as required.
- Must be clean shaven at all times as required to wear respiratory protection equipment.
- Must reside within a 30 minute response time by the end of probationary period.

EDUCATION AND EXPERIENCE

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Any combination of education and experience that provides the above knowledge, skills and abilities combined with required licenses is qualifying. A typical way to obtain the required qualifications is to possess the equivalent of the following:

- Education through the eighth grade level with commensurate math skills as demonstrated by practical exam; and
- One year of experience performing duties comparable to those of the City's Wastewater Mains Maintenance Trainee classification.

LICENSES

- Possession at time of hire and continued maintenance of a valid California Class B driver's license with proper endorsements and a safe driving record
- First Aid and CPR certification and ability to possess and maintain compliance with respiratory requirements.
- Possession of a Grade I Wastewater Collection System certificate issued by the California Water Environment Association (CWEA) will be required within 18 months from date of hire.

Classification No.: 203/204
Date of Issue: 9/95
Supersedes: 7/91
Update: 12/11

Career Ladder

- Wastewater Mains Manager
- Wastewater Mains Field Crew Leader
- Wastewater Mains Senior Maintenance Worker
- *Wastewater Mains Trainee/Worker*