

SENIOR COLLECTION SYSTEM MAINTENANCE WORKER

DEFINITION

Acts as crew leader, troubleshoots and prioritizes maintenance and repair problems; performs a variety of stationary and mobile equipment repair work; provides training and oversight to less experienced employees; performs the full range of inspection, preventive and corrective maintenance and repair activities; acts for the Collection System Maintenance Supervisor on a relief basis; and performs related work as assigned.

SUPERVISION RECEIVED AND EXERCISED

General supervision is given by the Collection System Maintenance Supervisor. Crew direction and training in work procedures are provided to field maintenance staff on an as-needed basis.

CLASS CHARACTERISTICS

The Senior Collection System Maintenance Worker is a skilled, advanced journey-level class that participates in all District activities required to install, inspect, maintain and repair collections system facilities and equipment, including main sewer lines, laterals, pumping stations and mobile equipment. The work involves preventive and corrective maintenance program implementation and assistance in ensuring that the District meets all regulatory agency requirements. The incumbent troubleshoots and performs repair on a variety of mechanical and electrical equipment as well as providing training, guidance and oversight to staff as assigned. This class is distinguished from Collection System Supervisor in that the latter is the full supervisory level in the class series, with responsibility for all collection system maintenance and repair activities.

EXAMPLES OF DUTIES (Illustrative Only)

- Troubleshoots problems in stationary and mobile mechanical and electrical equipment; estimates materials and supplies required and performs skilled repair work.
- Acts as crew leader on a project basis; acts for the Collection System Supervisor on a relief basis.
- Trains, oversees and reviews the work of less experienced staff.
- Performs the full range of Collection System Maintenance Worker duties, such as:
 - Inspecting underground sewer pipes, lateral connections and associated appurtenances using closed-circuit television equipment to locate leaks, breaks, infiltration and the buildup of dirt, debris, roots and other materials on a scheduled preventive maintenance, or unscheduled basis;
 - Responding to customer complaints or problems and using inspection equipment to identify causes and facilitate repair;
 - Operating high velocity cleaning and rodding equipment to clean and flush sewer lines on a scheduled, unscheduled or emergency basis;
 - Setting up traffic control and safety equipment when using vehicles on a street or other roadway;

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- Using safety equipment and observing all safety procedures as specified by the District;
- Inspecting pumping stations on a scheduled or unscheduled basis; reading and recording flow meters and gauges; performing servicing and repair of pumps, motors, valves and other mechanical and electrical equipment.
- Contacts the public to inform them of activities and shutdowns; explains applicable rules and regulations.
- Ensures that adequate materials and supplies are available for maintenance and repair work.
- Responds to emergency calls for service; assists in mitigating overflow spills and damage as required.
- Performs installation, maintenance and repair of underground lines, often with the assistance of contract staff.
- Maintains accurate records of work performed.
- May mark the location of underground wastewater lines in response to USA requests.
- May enter data into an automated work order tracking system.

QUALIFICATIONS

Knowledge of:

- Principles, practices, tools, equipment and supplies required to maintain and repair a wastewater collection system, including underground sewer lines and laterals and pumping stations.
- Principles and practices of mobile equipment servicing and repair.
- Safety practices related to the work, including confined space entry.
- Principles and practices of public agency contract oversight.
- Applicable laws, codes and regulations.
- Basic computer applications related to the work.
- Techniques for providing a high level of customer service to public and District staff, in person and over the telephone.
- Basic supervisory principles and practices, including training staff in work procedures.

Skill in:

- Performing skilled work related to the installation, inspection, maintenance and repair of underground sewer lines and laterals and pumping stations.
- Troubleshooting problems and performing servicing and maintenance on a variety of stationary and mobile equipment.
- Safely using hand and power tools related to the work and driving and operating trucks, and equipment.
- Interpreting and explaining laws, regulations, policies and procedures.
- Making accurate mathematical calculations.
- Reading maps, manuals and specifications.
- Responding effectively to emergency situations and troubleshooting such situations.
- Prioritizing own and staff work and using independent judgment within procedural guidelines.
- Maintaining accurate records of work performed.
- Serving as crew leader and training others in work procedures.

- Establishing and maintaining effective working relationships with those contacted in the course of the work.

Education and Experience:

Equivalent to graduation from high school and four years of experience in wastewater or storm sewer line cleaning and maintenance.

Interpersonal Effectiveness:

Ability to work effectively in a team-based organization focused on continuous improvement; establish and maintain a positive customer service attitude and effective working relationships with customers; demonstration of strong two-way communication skills, including the ability to listen, explain, and facilitate; ability to ask for input; offer help without being asked; accept suggestions; work with others to solve problems; and provide recognition and encouragement.

License and Certification:

Must possess and keep current a valid California class B driver's license with Air Brakes and Tanker Endorsements and have a satisfactory driving record. Must obtain a Grade II level Collection System Maintenance certificate issued by the California Water Environmental Association in a time period specified by the District. Must possess or obtain Cardiopulmonary Resuscitation, AED and First Aid certificates within a time period specified by the District.

Other Requirements:

Willingness and ability to work scheduled and emergency overtime; and attend meetings, workshops, and seminars during work and non-work hours as assigned. Must be available to be on-call on a scheduled basis and available for emergency response.

Physical Requirements:

Be able to possess mobility to inspect various collection system and pumping station sites; physical stamina to perform system and maintenance repair work, work on uneven terrain; vision to read printed materials and a computer screen and hearing and speech to communicate in person, and over the telephone; sit and stand for long periods of time, bend, stoop, pull, stretch and reach; and strength and stamina to safely lift and carry up to 80 pounds.

Work Environment:

The work requires outside exposure to all weather conditions with, dust, noise, traffic, some potentially hazardous materials and electrical or heavy equipment. Works indoors, using computer monitor, works around others, works alone, works with others.