

COLLECTION SYSTEMS MAINTENANCE WORKER III

DEFINITION

Under direction, plans, leads, and performs a variety of duties in the maintenance, operation, and repair of the District's sewage collection systems, and sewage lift stations; participates in and oversees crews performing line system cleaning and lift station and pump station troubleshooting; oversees the inspection of sewer lines through closed circuit television (CCTV); operates a variety of maintenance and construction tools and equipment; and performs related duties as assigned.

SUPERVISION RECEIVED AND EXERCISED

Receives direction from assigned supervisory or management personnel. Exercises technical and functional direction over and provides training to lower-level staff.

CLASS CHARACTERISTICS

This is the advanced journey-level classification in the Collection Systems Maintenance Worker class series. Incumbents work under direction and exercise a high level of discretion and independent judgment in performing the full range of routine to complex maintenance, operation, and repair duties of the District's sewage collection systems and lift stations. Assignments are given with general guidelines and incumbents are responsible for establishing objectives, timelines, and methods to deliver work products or services. Work is typically reviewed upon completion for soundness, appropriateness, and conformity to policy and requirements.

EXAMPLES OF TYPICAL JOB FUNCTIONS (Illustrative Only)

Management reserves the right to add, modify, change, or rescind the work assignments of different positions and to make reasonable accommodations so that qualified employees can perform the typical functions of the job.

- Plans, leads, and reviews the work of staff responsible for performing a variety of maintenance, operational, and repair tasks involved in the District's sewage collection systems, and sewage lift stations; participates in performing the most complex work of the unit.
- Trains assigned employees in their areas of work including collection systems maintenance methods, procedures, and techniques; verifies work for accuracy, proper work methods, and compliance with applicable standards and specifications; ensures adherence to safe work practices and procedures; provides feedback on employee performance, including during the performance evaluation process.
- Supervises the use, care, and operation of collection systems equipment and vehicles including a variety of vacuum and mechanical line cleaning equipment, crane truck, dump truck, combination truck, and related vehicles and mechanical equipment.
- Oversees and participates in flushing, rodding, cleaning, and repairing sewer collection lines and maintenance holes; performs repair work resulting from mainline damage; replaces system components responds to system blockages and provides temporary repair of trench failures; performs system disconnects.
- Oversees and participates in excavation and asphalt repair; loads and unloads asphalt, rock, dirt, and construction and repair-related materials and equipment; oversees asphalt replacement and repair, including backfilling and compacting to District standards.

- Oversees the maintenance of sewer equipment including emergency power generator, sewer rodder, power sprayer, and pneumatic tools; lubricates pumps, motors, and equipment; replaces sectional rods on sewer rodder; performs safety checks and checks fluid levels of vehicles and equipment; cleans assigned vehicles and equipment.
- Performs regular checks of lift station operations; verifies operations of generators, chemical dosing equipment, and blowers; perform visual site check of equipment.
- Troubleshoots lift station issues and works with Mechanical Technicians in monitoring and servicing pumps, motors, control panels, standby power generators, and odor control systems.
- Inspects sewer mains and identifies preventative maintenance opportunities through the operation of closed-circuit television (CCTV); identifies root intrusion, illegal connections, infiltrations, and other issues; reads and interprets system coding and diagnoses sewer line issues.
- Performs confined space and permit confined space entries; completes pre-entry checklists; performs atmospheric testing and evaluation of various entry conditions and situations.
- Oversees and participates in performing line locating and marking.
- Oversees and establishes appropriate traffic control protocols, including set-up of safety devices, signs, and barricades; ensures safety of public and work crew; may flag traffic when necessary.
- Maintains records of work performed.
- Estimates time, materials, and equipment required for assigned jobs; orders and requisitions materials as required; keeps inventory of replacement parts; prepares and maintains records and written reports, as required.
- Assists supervisor in department budget preparation.
- Responds to emergency call-outs as scheduled.
- Assists at wastewater treatment plants under licensed operators.
- Responds to public inquiries in a courteous manner; provides information in accordance with District policies.
- Reads, understands, and ensures compliance with the District Safety Manual; leads and attends safety meetings; reports all accidents, violations, or infractions to supervisor.
- Performs related duties as required.

QUALIFICATIONS

Knowledge of:

- Principles of providing functional direction and training.
- Applicable federal, state, and local laws, codes, and ordinances relevant to the area(s) of responsibility.
- Occupational hazards and standard safety practices including those used for entrance into confined spaces.
- Operations, services, and activities of sewage systems and facilities.
- Methods, tools, equipment, and safety practices used in the maintenance, operation, and repair of sewage systems.
- Operation of power equipment including trucks, loaders, and related equipment.
- Operational characteristics of maintenance and construction equipment, tools, and safety gear.
- Procedures and techniques used in concrete and asphalt work.
- Practices and procedures of traffic control.
- Principles and practices of record keeping.
- Basic math principles.
- Techniques for providing a high level of customer service by effectively dealing with the public,

vendors, contractors, and District staff.

- The structure and content of the English language to effectively perform the work.
- Modern equipment and communication tools used for business functions and program, project, and task coordination, including computers and software programs relevant to work performed.

Ability to:

- Plan, organize, and coordinate the work of assigned staff.
- Effectively provide staff leadership and work direction.
- Understand, interpret, and apply all pertinent laws, codes, regulations, policies and procedures, and standards relevant to work performed.
- Direct and perform a variety of maintenance, operational, and repair tasks involved in the District's wastewater lift stations and sewage collection systems.
- Use and operate vehicles and equipment, hand tools, and power tools/equipment required for the work in a safe and efficient manner.
- Use Self Contained Breathing Apparatus (SCBA).
- Ensure safety around work areas in high traffic.
- Perform heavy manual labor.
- Read, understand, and comply with the District Safety Manual.
- Organize work, set priorities, meet critical deadlines and follow-up on assignments.
- Use tact, initiative, prudence and judgment within general policy and procedural guidelines.
- Effectively use computer systems, software applications relevant to work performed and modern business equipment to perform a variety of work tasks.
- Communicate clearly and concisely, both orally and in writing.
- Establish, maintain, and foster positive and effective working relationships with those contacted in the course of work.

EDUCATION AND EXPERIENCE

Any combination of training and experience that would provide the required knowledge, skills, and abilities is qualifying. A typical way to obtain the required qualifications would be:

Education:

Equivalent to completion of the twelfth grade (12th) supplemented by coursework or training in water or wastewater system operation, water technology, construction, or related field.

Experience:

- Four (4) years of increasingly responsible experience in the operation, maintenance, installation, and repair of wastewater collection systems and equipment.

Licenses and Certifications:

- Possession of a valid Collection Systems Maintenance Grade II Certificate issued by the California Water Environment Association.
- Possession of a valid California Class A Commercial Driver's License with air brakes and tank endorsements, to be maintained throughout employment.

PHYSICAL DEMANDS AND WORKING ENVIRONMENT

The conditions herein 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 job functions.

ENVIRONMENT

Outdoor field environment; travel from site to site; exposure to noise, dust, grease, smoke, fumes, noxious odors, gases, vibrations, and all types of weather and temperature conditions; exposure to hazardous traffic conditions; work in or around water; work and/or walk on various types of surfaces including slippery or uneven surfaces and rough terrain; incumbents may be required to work extended hours including evenings and weekends.

PHYSICAL

- Level Three
- NIDA
- Pulmonary
- Endurance

Incumbents require sufficient mobility to work in a field environment; walk, stand, and sit for prolonged periods of time; frequently stoop, bend, kneel, crouch, crawl, climb, reach, and twist; push, pull, lift, and/or carry moderate to heavy amounts of weights; operate assigned equipment and vehicles; must maintain a body weight of less than 350 pounds which will allow them to safely enter confined space adhering to the equipment's limitations; ability to verbally communicate to exchange information.

VISION

See in the normal visual range with or without correction; vision sufficient to read printed documents and to operate assigned equipment.

HEARING

Hear in the normal audio range with or without correction.

ADDITIONAL REQUIREMENTS

Must be able to respond within a forty-five (45) minute time period to the District's Corporate Yard while on standby duty; must be able to communicate by telephone for the duration of the on-call shift.