

COLLECTION SYSTEM MAINTENANCE TECHNICIAN

DEFINITION

Under supervision performs manual, semi-skilled and skilled work using mechanical equipment and related tools in the cleaning, maintenance, inspection, repair and construction of wastewater collection systems.

SUPERVISION RECEIVED/EXERCISED

Receives supervision from a Wastewater Operations Supervisor. This class does not exercise supervision.

DISTINGUISHING CHARACTERISTICS

Collection System Maintenance Technician is the entry level classification in the Collection System Maintenance series. Incumbents assist in the full range of duties to include servicing/cleaning, maintenance, inspection, repair and construction of wastewater collection systems. Collection System Maintenance Technician's may work under close supervision while in the training period to learn the full duties of wastewater collection activities. Incumbents may be assigned to work on-call, standby and holidays. Collection System Maintenance Technician is distinguished from Collection System Maintenance Specialist in that incumbents of the latter perform a broader range of duties, and perform more technically complex tasks.

EXAMPLES OF IMPORTANT AND ESSENTIAL DUTIES

May include, but not limited to, the following:

Safely assists and performs a variety of servicing/cleaning, maintenance, inspection, repair and construction work including rodding, hydroflush servicing/cleaning, television camera inspection and repair, and installation of service connections, manholes and pipelines; breaks out and removes concrete and asphaltic concrete; saw cuts concrete; performs maintenance and construction of asphalt and concrete surfaces; and installs and repairs sewer main lines.

Ensures a safe work site and adheres to applicable safety practices. Properly positions safety cones, flags, signs and other safety equipment around work site locations.

Performs servicing/cleaning, maintenance, inspection, and repair of lift station equipment and facilities, responds to alarms, and may be required to set up and/or monitor bypass pumps.

Uses, adjusts, maintains and cares for a variety of manual and power operated tools, devices and equipment used in the servicing/cleaning, maintenance, inspection, rehabilitation, repair and construction of wastewater collection systems including, but not limited to, compressors, jack hammers, backhoes, trenchers, tractors, trucks, and any other assigned light and heavy equipment.

Handling and application of non-soil fumigant in sewer mainlines.

Writes service orders, maintains accurate records and prepares reports; completes work reports and time records on projects; responds to and investigates customer complaints.

Wears and uses applicable PPE consistent with state mandates as required.

Performs other related duties as assigned.

JOB RELATED AND ESSENTIAL QUALIFICATIONS

Knowledge of:

Materials, methods, practices and equipment used in wastewater collection system pipeline servicing/cleaning, maintenance, inspection, repair and construction.

Safety practices applicable to biohazard conditions and wastewater collection systems operations.

Skill/Ability to:

Operate all types of specialized wastewater collection system maintenance equipment.

Perform heavy physical labor safely for extended periods under adverse weather conditions, and ability to work in confined spaces.

Establish and maintain effective working relationships at all organizational levels, including the public.

Understand, follow and complete oral and written instructions, including wastewater collection systems maps, work orders, and operational and safety manuals, as well as a variety of policies, procedures, rules and regulations.

Perform basic mathematical calculations.

Use standard office equipment including computers, cell phones, handheld tablets, and various software applications.

Prepare and maintain accurate records and reports.

Safely operate tools and equipment used in wastewater collection systems

Safely operate a motor vehicle.

MINIMUM QUALIFICATIONS

Education:

Possession of a High School diploma or equivalent GED completion

Experience

One (1) year of full-time paid general labor or comparable experience.

Special Requirement(s):

Possession of a valid California Driver's License is required at the time of application.

Possession of a valid Class B California Driver's License with Tanker endorsement and without airbrake restriction is required at time of application and continued maintenance throughout the entire term of employment in this classification.

Must obtain a California Water Environmental Association (CWEA) Grade I Collections Systems Maintenance Certificate within 12 months of appointment. Failure to obtain such certification may be cause for termination from this classification.

PHYSICAL DEMANDS

The physical demands described here are representative of those that are necessary to safely, effectively, and efficiently perform the essential functions of this job with or without reasonable accommodation.

This classification's physical demands involve very heavy work exerting in excess of 100 pounds of force occasionally with assistance, and/or in excess of 50 pounds of force frequently with assistance, and/or in excess of 20 pounds of force constantly to move objects. Additionally, the following physical demands may be required: balancing, climbing, crawling, crouching, feeling, manual dexterity, grasping, handling, hearing, kneeling, lifting, mental acuity, pulling, pushing, reaching, repetitive motion, speaking, standing, stooping, talking, visual acuity, walking.

APPROVED: _____ Signature on File _____ DATE: _____ 10/20/2025
Director of Personnel Services

