

**RANCHO CALIFORNIA WATER DISTRICT
POSITION DESCRIPTION**

DATE: July 1, 2019

POSITION TITLE: **WASTEWATER COLLECTION SYSTEM TECHNICIAN I/II
SENIOR**

GRADE LEVEL: E4 / E7 / E11

SUPERVISOR TITLE: Water Reclamation Manager

FLSA STATUS: [] Exempt [X] Non-Exempt

BARGAINING UNIT: [X] RCWDEA [] RCWD MPCEA

DEFINITION

Under immediate progressing to general supervision, performs a variety of wastewater collection system operation and maintenance duties.

CLASS CHARACTERISTICS

Wastewater Collection System Technician I

This is the entry-level position in the Wastewater Collection System Technician class series. Positions assigned to this level perform limited or routine system maintenance duties under close supervision. Because employees in classifications at this level may be in a training capacity, such position does not require significant previous work experience in the applicable field. This job classification is represented by the Rancho California Water District Employees Association (RCWDEA) bargaining unit.

Wastewater Collection System Technician II

This is the journey level position in the Wastewater Collection System Technician class series. Positions assigned to this level perform a full range of collection system duties under general supervision. Because employees at this level are expected to be fully trained and competent, this position typically requires significant previous work experience in the appropriate field. This job classification is represented by the Rancho California Water District Employees Association (RCWDEA) bargaining unit.

Senior Wastewater Collection System Technician

This is the advanced journey level classification in the Wastewater Collection System Technician class series. Positions assigned to this level independently perform highly technical and specialized collection system duties at a level beyond that found at a journey level. They

may also provide lead supervision to lower level staff including assigning work and providing technical assistance and training in the completion of assigned duties. This position may oversee and direct the operation and maintenance of a phase of the operation of a wastewater collection system during a specific work period. This job classification is represented by the Rancho California Water District Employees Association (RCWDEA) bargaining unit.

EXAMPLE OF DUTIES (Duties may include, but are not limited to, the following):

- ✎ Maintenance and repair of the wastewater collection system including cleaning, rodding and jetting of sewer lines
- ✎ Monitor lift and meter stations, take readings and maintain stations; log all meter readings calculated for daily flows.
- ✎ Conduct periodic system, mainline, manhole and grease interceptor inspections; inspect newly constructed sewer lines, force mains and lift station facilities
- ✎ Prepare and maintain accurate collection system records including daily operating records and maintenance logs
- ✎ Respond to sewer overflows and take corrective action
- ✎ Utilize the Computerized Maintenance Management System (CMMS) to generate and complete work orders
- ✎ Utilize the ERP software system to generate and track purchase orders and to record time worked
- ✎ Perform routine lift station maintenance and repair including sump cleaning and submersible pump cleaning and inspection
- ✎ Investigate complaints related to sewer collection and repair
- ✎ Perform maintenance to all collection system-related equipment
- ✎ Perform as member of emergency responder team in response to chlorine or other chemical leaks

- ✎ Perform related duties as assigned

QUALIFICATIONS

Wastewater Collection System Technician I

Knowledge of:

- ✎ Standard wastewater collection system operations
- ✎ Basic arithmetic
- ✎ Proper work safety standards

Ability to:

- ✎ Operate a variety of hand and power tools
- ✎ Follow written and oral instructions and work effectively with other collection system and plant operators, District personnel in other departments and personnel from other agencies
- ✎ Wear Self-Contained Breathing Apparatus (SCBA)
- ✎ Participate in emergency responder team exercises

- ✎ Comply with the District's Safety, Health, and Environmental policies

SELECTION GUIDELINES

The appropriate knowledge, skills and abilities can be achieved through a variety of experience and training. A typical example is:

Experience: No experience required

Training: Equivalent to completion of the 12th grade supplemented by specialized training in wastewater collection system maintenance.

Licenses/Certificates:

- ✎ Fork Lift, Crane Operator, Trench, and Confined Space Certificates, required or obtain within one (1) year
- ✎ Haz-Mat Technician – OSHA 1910.120, required or obtain within one (1) year
- ✎ California class B driver's license with Tanker and Air Brakes Endorsement, required or obtain within 24 months

*In addition to the qualifications for **Wastewater Collection System Technician I:***



Wastewater Collection System Technician II

Knowledge of:

- ✎ Combination machine operation and maintenance requirements
- ✎ Sewer pipe cleaning methods and tools available
- ✎ District safety policies and procedures including confined space entry requirements and equipment
- ✎ Basic mechanical maintenance for submersible pumps and blowers
- ✎ Wastewater spill containment and clean up
- ✎ Root control methods and procedures
- ✎ Lift Station Operation, controls and maintenance
- ✎ Spill reporting requirements and procedures
- ✎ Familiarity with SCADA, GIS, and CMMS systems
- ✎ Traffic control practices

Ability to:

- ✎ Operate and maintain wastewater system pumps, valves and motors
- ✎ Read and interpret system drawings and GIS Maps
- ✎ Troubleshoot mechanical problems and provide effective solutions
- ✎ Operate heavy equipment including crane, backhoe, loader, and jackhammers.

-  Operate specialized equipment including sewer cleaning and video inspection equipment, toxic gas detectors, man lifts, etc.
-  Assist with plant maintenance as needed





SELECTION GUIDELINES

The appropriate knowledge, skills and abilities can be achieved through a variety of experience and training. A typical example is:

Experience: One (1) or more years of increasingly responsible experience in a wastewater collection system, .

Training: Any combination of formal or informal training and education that provides the ability to read and write at a level required by the assigned duties.






Licenses/Certificates:

-  Grade 1 Wastewater Collection System Maintenance Certificate - CWEA, required
-  Forklift, Crane Operator, Trench, and Confined Space Certificates, required
-  Haz-Mat Technician – OSHA 1910.120, required
-  California class B driver's license with Tanker and Air Brake Endorsements, required






*In addition to the qualifications for **Wastewater Collections System Technician II:***

Senior Wastewater Collection System Technician

Knowledge of:

-  District wastewater treatment sites and collection facilities
-  Advanced wastewater collection maintenance practices and principles
-  Applicable laws codes and regulations
-  Principles and techniques of sound safety management
-  SCADA, GIS, and CMMS systems

Ability to:

-  Lead and participate in a full range of wastewater collection services
-  Interpret and apply laws, codes, regulations, policies and procedures
-  Gain cooperation through discussion and persuasion
-  Comply with and enforce the District's Safety, Health and Environmental policies
-  Prepare Sewer/Reclaimed spill reports and notify authorities

SELECTION GUIDELINES

The appropriate knowledge, skills and abilities can be achieved through a variety of experience and training. A typical example is:

Experience: Two (2) or more years of increasingly responsible experience in a wastewater treatment plant, or two (2) years as a Wastewater Collection

System Technician II.

Training: Any combination of formal or informal training and education that provides the ability to read and write at a level required by the assigned duties.

Licenses/Certificates:

- ✎ Grade 2 Wastewater Collection Systems Maintenance Certificate - CWEA, required
- ✎ Forklift, Crane Operator, Trench, and Confined Space Certificates, required
- ✎ Haz-Mat Technician – OSHA 1910.120, required
- ✎ California class B driver's license with Tanker and Air Brake endorsements, required

PHYSICAL REQUIREMENTS/WORKING CONDITIONS (I/II/Senior Levels)




The essential functions of this position may require the employee to perform the following physical activities:

- ✎ Operates a District vehicle to travel between job sites and remote facilities
- ✎ Must be able to carry, push, pull, reach and lift equipment and parts up to 50 lbs and heavier weights with the use of proper assistance
- ✎ Stoop, kneel, crouch, crawl and climb during regular duties
- ✎ Communicates verbally with District management, co-workers, and the public in face-to-face, one-on-one, and group meetings
- ✎ Use office equipment such as computers, copier, and fax machines
- ✎ Regularly uses a telephone or radio for communication
- ✎ Stand and walk for extended periods
- ✎ Ability to speak and hear both in person, by telephone, and radio
- ✎ Vision within normal ranges including color vision with or without correction.
- ✎ Medical clearance to wear respiratory protective equipment
- ✎ Regular attendance

The essential functions of this position will require the employee to be exposed to the following working conditions:

- ✎ 50%-100% of work time spent outside a building exposed to the sun
- ✎ Inclement weather
- ✎ Hot and cold temperatures
- ✎ Hazardous materials
- ✎ Electrical hazards
- ✎ Heights
- ✎ Confined spaces
- ✎ Potentially dangerous tools and equipment
- ✎ Traffic hazards
- ✎ Trenching and excavations
- ✎ Wildlife

OTHER REQUIREMENTS (All Levels)

-  May be required to work nights, weekends and overtime, as necessary
-  Required to serve on standby duty as assigned by management
-  Must live within a 30-minute emergency response time to the District boundary

_____	_____
Employee Signature	Date
_____	_____
Supervisor/Manager Signature	Date