

CAREER SNAPSHOTS

A quick look at careers available at Dublin San Ramon Services District

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DSRSD WASTEWATER TREATMENT CAREERS

EDUCATION

CERTIFICATION

EXPERIENCE

WASTEWATER TREATMENT PLANT (WWTP) OPERATIONS SUPERINTENDENT
\$190,800 – \$231,936

Equivalent to the completion of a Bachelor's degree in business, science, engineering, or a closely related field.

California State Water Resources Control Board Wastewater Treatment Plant Operator **Grade V** certification required.

Five (5) years of increasingly responsible work experience in the operation and maintenance of wastewater treatment and pumping facilities, including **three (3) years of experience in a supervisory capacity.**

WWTP SUPERVISOR
\$150,684 – \$183,168

High school diploma or equivalent.

California State Water Resources Control Board Wastewater Treatment Plant Operator **Grade IV** certification required upon appointment; a Wastewater Treatment Plant Operator **Grade V** is required within two (2) years of appointment.

Two (2) years of increasingly responsible experience working with wastewater treatment facilities and related equipment comparable to that of a Senior WWTP Operator, including two (2) years in a lead capacity.

SENIOR PROCESS WWTP OPERATOR
\$127,320 – \$154,752

High school diploma or equivalent.

California State Water Resources Control Board Wastewater Treatment Plant Operator **Grade IV** certification required.

Three (3) years of increasingly responsible experience working with wastewater treatment facilities and related equipment comparable to that of a Senior WWTP Operator.

SENIOR WWTP OPERATOR
\$115,488 – \$140,376

High school diploma or equivalent.

California State Water Resources Control Board Wastewater Treatment Plant Operator **Grade III** certification required.

Three (3) years of responsible work experience comparable to that of a Wastewater Treatment Plant Operator II with the Dublin San Ramon Services District.

WWTP OPERATOR II
\$105,000 – \$127,620

High school diploma or equivalent.

California State Water Resources Control Board Wastewater Treatment Plant Operator **Grade II** certification required.

Two (2) years of responsible work experience comparable to that of a Wastewater Treatment Plant Operator I with the Dublin San Ramon Services District.

WWTP OPERATOR I
\$95,448 – \$115,992

High school diploma or equivalent.

Possession of California State Water Resources Control Board Wastewater Treatment Plant Operator **Grade I** certification within eighteen (18) months of employment.

One (1) year of responsible work experience in working with pumps, motors, and other mechanical equipment.

OPERATOR-IN-TRAINING
\$82,968 - \$100,860

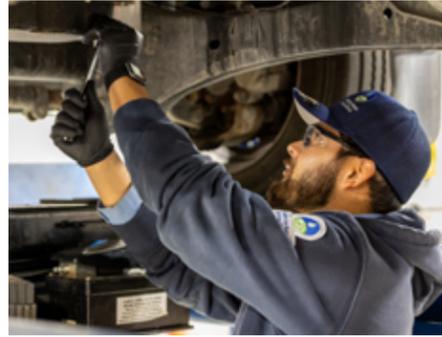
High school diploma or equivalent.

Ability to obtain an State Water Resources Control Board Wastewater Operator Certification Program (WWOCP) **Operator-In-Training Certificate** within 2 months of start.

No experience required.

WORKING AT DUBLIN SAN RAMON SERVICES DISTRICT (DSRSD)

The people of DSRSD plan, design, build, operate, maintain, and secure the community's water and wastewater systems—vital public assets valued at more than \$382 million. Their skills and motivation directly affect multiple generations of DSRSD customers and the quality of life in our community. Like other public utilities, the District is staffed 24 hours a day, seven days a week, to protect public health and the environment.



Mechanics maintain the District's vehicle fleet, which includes vans, trucks, specialized vehicles for inspecting and cleaning pipelines, and golf carts used at the treatment plant. They also maintain cranes, backhoes, and other heavy equipment, as well as generators and portable pumps. Journey level training is required for the job, with experience repairing gas and diesel engines, transmissions, and other mechanical and electrical systems found in vehicles. They also may fabricate special bodies and parts when needed. Consistent preventive maintenance has enabled DSRSD to cost effectively extend the life of its vehicles.



A **Laboratory Technician** tests a sample of water, a job performed multiple times daily at different locations. The laboratory staff ensures that potable and recycled water delivered to customers, as well as the treated wastewater released into the San Francisco Bay, meet all federal, state, and local requirements. Technicians work alongside Environmental Chemists in the District's laboratory, which is certified to conduct water quality tests, including coliform bacteria, residual chlorine, and disinfection byproducts in potable water; coliform bacteria and ammonia in recycled water; and volatile organic compounds and inorganic heavy metals in wastewater.



A **Senior Instrumentation & Controls Technician** troubleshoots a PLC cabinet at the wastewater treatment plant. Instrumentation & Controls Technicians install and calibrate a variety of controls equipment and instruments used in the wastewater treatment process and in the water distribution system. They must be certified by the California Water Environmental Association (CWEA) or the Instrumentation, Systems, and Automation Society of America (ISA). Instrumentation & Controls Technicians are essential in ensuring that control systems for the District's wastewater treatment plant, water distribution system, and wastewater collections system are integrated and functioning at all times.



A **Senior Mechanic** maintains the District's energy-producing cogeneration system. Senior Mechanics and Mechanics repair and replace the wide variety of equipment used at the wastewater treatment plant and throughout the water distribution system. They must be certified by CWEA and can earn specialized certifications from other agencies, such as crane operation.

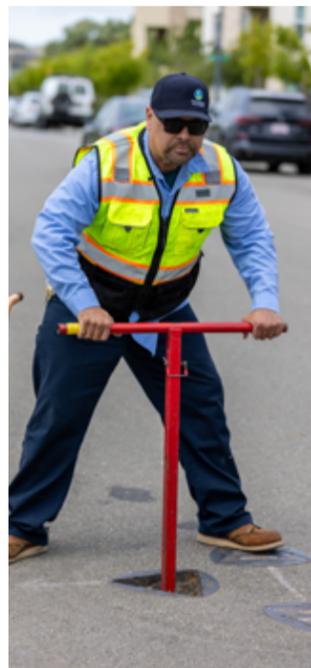


An **Associate Engineer** inspects an Air Relief Valve Structure. Engineers in the Capital Improvement Projects Division oversee and manage small to large-scale projects for District infrastructure and facility expansion and repair. Engineers are classified from Junior to Associate, depending upon the years of experience, education, and complexity of duties. Associate Engineers are required to be licensed as Professional Engineers (PE) in the State of California.

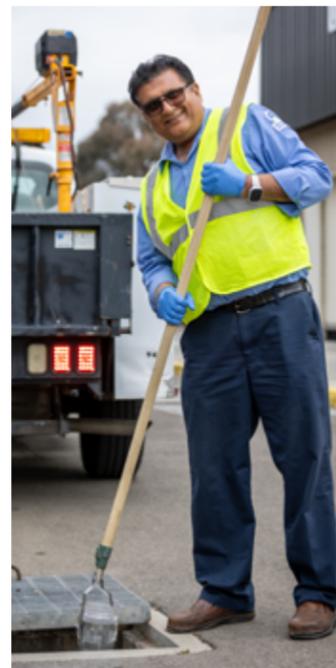


A **Maintenance Worker** fixes a section of drywall at one of the District's facilities. Maintenance Workers perform a wide range of semi-skilled labor in preventative and corrective maintenance, repair, and alteration of District buildings, facilities, equipment, and grounds. Maintenance Workers must be skilled in basic carpentry, electrical, plumbing, painting, landscaping, custodial, and heating and ventilation work.

WITH AN ESTIMATED 6,000* JOB OPENINGS IN THE CALIFORNIA WATER INDUSTRY EACH YEAR, NOW IS THE PERFECT TIME TO PURSUE A CAREER IN WATER. FIND OUT MORE ABOUT DSRSD JOB OPENINGS AND CAREER TRAINING AT WWW.DSRSD.COM/JOBS.



A **Water / Wastewater Systems Operator II (WWSO)** exercises a recycled water valve to isolate and turn off water to the pipe for maintenance and repair. The WWSO is a multi-skilled position and is required to perform a variety of operation, maintenance and repair activities to the District's water, wastewater, and recycled water facilities. As a dual water and wastewater position, WWSOs are required to have Distribution Operator and Treatment Operator certifications from the State Water Resources Control Board and a Collection System Maintenance certification from CWEA. WWSOs are available before and after hours to troubleshoot system issues.



An **Environmental Compliance Inspector II-Pretreatment** collects a sample of untreated wastewater as it enters the treatment plant. Inspectors collect samples from industrial customers to prevent discharges of certain chemicals and metals to the wastewater collection system. They also inspect grease traps in commercial kitchens, shop drains at automotive services facilities and car washes, dry cleaners, and dental offices (*the latter are required to remove mercury amalgam from their wastewater*). District inspectors work with recycled water customers to make sure irrigation systems are properly identified with purple sprinkler heads and are operating according to District guidelines.



A **Wastewater Treatment Plant Operator II** adjusts the reodorant system, which emits a scented mist that helps reduce odors. Operators monitor and regulate all of the processes involved in treating the community's wastewater and producing recycled water for irrigation. At least two operators are on duty around the clock. Operators are classified from Operator-In-Training to Senior Operator based on experience, education, complexity of duties, and certifications they earn from the California State Water Resources Control Board.



An **Electrician II** connects and tests a portable generator at a water distribution pump station for standby power. Electricians perform a wide variety of skilled electrical work in the installation, maintenance, inspection, testing, design, and repair of electrical equipment and systems, and must have either an Electrical / Instrumentation certification from CWEA or a General Electrician Certification from the State of California. District Electricians must be experienced in working with a variety of electrical equipment, including safely working with high voltage.



A **Construction Inspector II** (left) goes over plans for water and wastewater systems with a contractor at a new residential development. Construction inspectors make sure that pump stations, reservoirs, and pipelines are installed according to District standards.



*Estimate based on Cuyamaca College labor study