

Mt. View Sanitary District



Wastewater Treatment Plant

ANNOUNCING AN EXCITING EMPLOYMENT OPPORTUNITY

Wastewater Operator

(Trainee, I, or II depending on qualifications)

Mt. View Sanitary District

3800 Arthur Rd

Martinez, CA 94553



The District

The Mt. View Sanitary District (MVSD) provides wastewater collection, treatment, and disposal services for the central portion of the City of Martinez and adjacent unincorporated lands to the northeast. The population size is approximately 21,000, with projections to reach 22,087 by 2030 with an average annual growth rate of .9 percent. The customer base is currently an estimated 10,500 dwelling units and 270 commercial businesses; approximately 97 percent residential by parcel and 76 percent by flow.

Originally constructed in 1952, MVSD's Wastewater Treatment Plant has had construction improvements, which increased its current capacity to 3.2 million gallons per day (mgd). Digested sludge is dewatered using a centrifuge. The resulting biosolids are transported to a landfill for use as alternative daily cover or to a facility for thermal hydrolysis processing. Treatment Plant effluent discharges into the District's constructed wetland. The process of secondary treatment began in 1968 with the addition of a secondary clarifier, digester, thickener, and high rate biofilter. In 1974, the District reclaimed/constructed valuable wetlands (Moorhen Marsh) to accommodate a shallow water discharge providing a net environmental benefit.



Moorhen Marsh

MVSD provides programs within the 21-acre constructed Moorhen Marsh and the 130-acre McNabney Marsh, including environmental education programs as well as recreational use for residents.

District staff maintain a strong working relationship with the Board of Directors and community. MVSD

totals 19 full-time staff members. The culture is friendly and collaborative, with leaders implementing open door policies; being readily accessible to staff and the public. The team takes pride in its community relationship, often using a "we can work it out together" philosophy.

The Opportunity

Under general direction from the Wastewater Operations Manager, Plant Supervisor, and the Collection Maintenance Lead, operates equipment, facilities, pump stations, and related appurtenances as found in a wastewater collection system and treatment plant; takes periodic samples and performs standardized tests to ensure proper operation within established guidelines; assists with preventive maintenance and makes minor repairs to plant facilities and equipment; and performs related work as required.

Key Responsibilities

- Operates and maintains the MVSD Wastewater Treatment Facility to meet all requirements of the District's NPDES permits under the direction of the Wastewater Operations Manager.
- Monitors plant operations equipment and processes to ensure compliance with environmental and public health standards, including making adjustments as needed to optimize efficiency, making chemical dosage changes, changing pumping rates, and monitoring all equipment daily.
- Reviews and analyzes automated information and control system data and revises equipment settings as appropriate; notifies supervisor of unusual situations and makes inspections or corrects system problems as necessary.
- Reads and records, readings of meters and gauges; performs calculations, interprets information into operational characteristics; makes process adjustments according to information gathered, samples collected, readings, and records.
- Operates and assists in preventive maintenance on a variety of collection system and treatment plant equipment, such as electric motors, engines, gas and electric

powered pumps, drive units, emergency systems, power generation systems, pressure and flow regulators, and other collection system and treatment plant fixtures and appurtenances; services equipment according to an established schedule and inspects facilities and equipment to determine the need for maintenance or repair.

- Operates valves, pumps, and automated controls to regulate the flow of wastewater through the system.
- Removes blockages; replaces worn parts; performs maintenance as required.
- Lubricates pumps, motors, chains, conveyors, and other machinery and equipment.
- Operates and maintains a variety of hand and power tools and equipment related to work assignment as instructed.
- Participates in on-call operator activities; responds to Sanitary Sewer Overflows and plant emergencies; resolves issues and completes necessary reporting.
- Responds to complaints and answers questions from public or escalates to supervisor, as necessary.
- Responds to operations, maintenance, and repair emergency situations as required.

Knowledge of:

- Basic principles, practices, tools, and materials as they relate to the operation, cleaning, and preventive maintenance of wastewater collection, treatment, and disposal facilities and equipment.
- Basic principles and practices of record-keeping.
- Safe driving rules and practices.
- Basic computer software related to work.
- English usage, spelling, vocabulary, grammar, and punctuation.
- Techniques for providing a high level of customer service by effectively dealing with the public, vendors, contractors, and staff.

Wastewater Treatment Plant Operator I and II, in addition to the above:

- Principles, practices, equipment, materials, and tools used in the operation, cleaning, and preventive maintenance of wastewater collection, treatment, and disposal facilities and equipment.
- The operation and preventive maintenance of piping systems, including pipes, valves, and related appurtenances.
- Standard chemical and physical tests of wastewater, sludge, and related materials.
- Applicable Federal, State, and local laws, regulatory codes, ordinances, and procedures relevant to assigned area of responsibility.

The ideal candidate has the ability to:

- ❖ Operate, maintain, and repair a variety of wastewater collection, treatment, and disposal facilities and equipment.
- ❖ Recognize and correct or report unusual, inefficient, or dangerous operating conditions, including confined spaces.
- ❖ Read a variety of gauges, charts, and meters, record data accurately and make appropriate process adjustments.
- ❖ Conduct standard chemical and physical tests of wastewater, sludge, and related materials.
- ❖ Handle hazardous chemicals in a safe manner.
- ❖ Make accurate arithmetic calculations.
- ❖ Follow department policies and procedures related to assigned duties.
- ❖ Use tact, initiative, prudence, and independent judgment within general policy, procedural, and legal guidelines.
- ❖ Establish, maintain, and foster positive and effective working relationships with those contacted in the course of work.
- ❖ Work in a team environment as a contributing team member.

Experience & Qualifications:

Equivalent to the completion of the twelfth (12th) grade supplemented by specialized training in wastewater treatment operations and maintenance. Strong mechanical and/or collections maintenance experience desired.

Wastewater Treatment Plant Operator Trainee: Some experience in the operation of hydraulic pumps, valves, gasoline powered engines, and motors is desirable.

Wastewater Treatment Plant Operator I: One (1) year of experience in wastewater treatment plant operations, or one (1) year of experience equivalent to Wastewater Treatment Plant Operator Trainee at the District.

Wastewater Treatment Plant Operator II: Two (2) years of experience in wastewater treatment plant operations, or one (1) year of experience equivalent to Wastewater Treatment Plant Operator I at the District.

License and Certification:

Wastewater Treatment Plant Operator Trainee/I/II

- Possession of a valid California's Class B driver's license within nine (9) months of appointment.
- Must possess and maintain a valid Class C CA driver's license.

Must continue to meet all of the provisions of the District to be insured with the terms and conditions of the District's insurance program as a condition of employment.

Wastewater Treatment Plant Operator Trainee

- Possession of a CA Wastewater Treatment Plant Operator-in-Training Certificate issued by the California State Water Resources Control Board (CA SWRCB) within three months of appointment.
- Ability to obtain a valid Grade II Wastewater Treatment Plant Operator Certificate issued by the CA SWRCB within thirty-six (36) months of employment.

Wastewater Treatment Plant Operator I

- Possession of a Grade I Wastewater Treatment Plant Operator Certificate issued by the CA SWRCB.
- Ability to obtain a valid Grade II Wastewater Treatment Plant Operator Certificate issued by the CA SWRCB within twenty-four (24) months of employment or the date of entry into the position.

Wastewater Treatment Plant Operator II

Possession of a Grade II Wastewater Treatment Plant Operator Certificate issued by the CA SWRCB.

Compensation & Benefits

Placement in range is dependent on qualifications.

Wastewater Treatment Plant Operator Trainee

Salary Range: \$6,486 to \$7,884 monthly.

Wastewater Treatment Plant Operator I

Salary Range: \$7,287 to \$8,857 monthly.

Wastewater Treatment Plant Operator II

Salary Range: \$8,972 to \$10,906 monthly. This Operator level qualifies for over certification pay if in possession of a valid grade III-V SWRCB Operator certificate. (III= 3%, IV= 4%, V=5%)

The District offers an *excellent* benefits package, which is summarized [here](#).

Important Application Information

To apply for this outstanding opportunity, please visit <https://www.mvsd.org/employment> and either:

- Apply online: Complete the online application and questionnaire and attach your cover letter, resume, and pertinent state certification(s).
or
- Apply via email: Download the application and questionnaire and email them along with your cover letter, resume, and pertinent state certification(s) to info@mvsd.org

Position open until filled. First review of applicants is August 9, 2024.