

MAINTENANCE MECHANIC
Pay Range: \$10.72hr - \$12.65hr
System Pumping & Maintenance Division

Job Summary:

Under the general supervision of the WWTP Maintenance Crew Leader or Maintenance Mechanic II, performs and/or participates in the activities of the Wastewater Treatment Plant Maintenance Crew in providing mechanical and electrical maintenance and repair and rehabilitation services on the various pumping, control, processing, detention, isolation and control valves, transmission piping, belt presses, dryers, composting and conveyor systems required in the operation of the Division's Wastewater Treatment Plant/Biosolids Facility. Position performs a variety of skilled and semi-skilled diagnostic, mechanical, electrical and metal fabrication work tasks required in the troubleshooting, repair, modification and/or replacement of simple and complex pumping, aeration, oxygenation, waste stream processing, sludge and biosolids transfer, dewatering and drying systems equipment and their associated control systems. Position may participate in an appropriate and efficient "On-Call" program for response to SCADA and Plant Operator Calls on problems occurring during off-duty hours. Performs other related duties as assigned, in support of organizational objectives. Work will be assigned by general work program, requests for assistance, and by special project. Work will be performed with considerable independence and will require considerable attention to detail. Work will be evaluated by observation, conferences, reports, and results obtained.

Education & Experience Required:

High School diploma or equivalent supplemented by 1 year of experience in the maintenance and repair of wastewater treatment plant electrical and mechanical equipment and components, or an equivalent combination of training and experience that would likely provide the required knowledge, and abilities to perform the job. A valid driver's license and safe driving record, pre-employment drug screening, physical examination, MVR, and Criminal History background check is required.

Knowledge & Skills Required:

- The skill and ability to repair, rebuild, modify and/or replace various types of wastewater facility pumps, valves and discharge/suction piping and associated components; or ability to quickly learn. Ability to use skills, experience and good judgment to act decisively and quickly in the correction of problems and/or implementation of alternatives to mitigate damage or environmental pollution in emergency pumping failure situations.
- Ability to use pump curves; read pump system discharge and/or suction gauges to determine and interpret dynamic conditions of pumping systems; check amp loads on pump motors; and troubleshoot routine electrical and control system problems.
- Ability to operate and use a variety of support equipment and tools, such as boom trucks, cutting torches, welders, gauges, power tools and safety devices in the performance of crew activities.
- Knowledge of the hazards inherent to sewer maintenance work and safety measures to be observed including confined space entry procedures and trench safety regulations.
- Ability to communicate clearly and concisely, both orally and in writing, with co-workers and others. Ability to make observations, recall details, recognize relationships between bits of information, and to consider appropriate action or to make appropriate recommendations based on the above.
- Ability to use graphic instructions such as blueprints, engineering drawings, schematics other visual aids.