

## Wastewater Facilities Mechanic

\$40,053 / year or higher DOQ + [Full-Time County Benefits](#)

James City Service Authority seeks an individual to perform experienced work in the operation, maintenance, and repair of the JCSA's wastewater collection facilities to include related wastewater mechanical equipment, and to serve as a lead worker over semiskilled workers within the wastewater collection facilities.

### Responsibilities:

Perform operation, maintenance, and repair of mechanical and electrical systems; diagnose operational and mechanical problems within the wastewater collection facilities.

Calculate pump parameters and adjust impeller diameters and operating clearances to maintain pump operation at peak efficiency. Learn to balance demand, pump curves, and force main head pressures to assure proper pump operating conditions.

Initiate troubleshooting actions independently and complete corrective maintenance, and modifications to facility motors, pumps, controls, and related equipment. Engage in planning, coordinating, and assigning priorities.

Perform preventive maintenance within their route, i.e., oil changes, fuel injection system services, electrical inspections, cooling system changes, etc. Participate in data gathering for predictive maintenance program, i.e., vibration and temperature analysis.

Evaluate pH, dissolved oxygen, H<sub>2</sub>S, oxygen reducing potentials and bacteria levels for wastewater evaluation and odor control.

Serve as competent person directing maintenance operations, during confined space entry activities as the entry supervisor, and oversee employees associated Lockout/Tagout Procedures.

### Requirements:

Any combination of education and experience equivalent to a high school diploma and extensive experience in the inspection, maintenance and repair of wastewater pumping facilities.

Must possess a valid Virginia Driver's License and acceptable driving record based upon James City County's criteria.

Considerable knowledge in the fields of mechanical maintenance, plumbing, and basic electrical work.

Proficient in the use of precision hand tools (micrometers, vibration analysis, micrometers, etc.).

Knowledge of the safe and effective use of hand and power tools.

**Accepting applications until position is filled. Only online applications to our website will be considered. To apply, please visit the James City County Career Center at**

<http://www.jobs.jamescitycountyva.gov>