

Pumping System Technician I

Pay Range: \$10.72 - \$12.65

System Pumping and Maintenance Division

Closes 1/26/12

Job Summary:

Under the general supervision of the Pumping Systems Crew Leader or the Pumping Systems Technician II, performs and/or participates in a variety of technical, skilled and semi-skilled tasks required for the safe and efficient operation of wastewater lift stations, their monitoring, preventive maintenance, repair, replacement and rebuilding. Position assists with the efficiency testing and troubleshooting of pumping and electrical control systems, and utilizes the remote monitoring systems (SCADA) to monitor system operations, remotely control, respond to failures and observe operational trends. Position provides maintenance, repair and replacement services on water pumping systems and control valves as necessary in responding to work requests from the Water Pumping & Storage Crew. Performs other related duties as assigned, in support of customer needs and organizational objectives. Work will be assigned by general work program, requests for assistance, and by special project. Work will be performed with some independence and will require considerable attention to detail. Work will be evaluated by observation, conferences, reports, and results obtained.

Education & Experience:

High School diploma or equivalent supplemented by 1 year of experience in the operation and maintenance of water and wastewater pumping systems, or an equivalent combination of training and experience that would likely provide the required knowledge, and abilities to perform the job. Position requires the possession of a Wastewater Collection System Operator License as issued by the Georgia State Board of Examiners or ability to acquire one within two (2) years. 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:

- The skill and ability to repair, rebuild, modify and/or replace various types of water and wastewater facility pumps, valves and discharge/suction piping and associated components or ability to quickly learn.
- Ability to check amp loads on pump motors, read pressure gauges, trouble-shoots and corrects routine electrical and control system problems.
- Ability to 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 and other visual aids.
- Ability to comprehend and learn to make inferences from written material such as operations and procedures manual and Material Safety Data Sheets. (MSDS).
- Ability to read and understand water and wastewater utility maps.
- Ability to establish and maintain effective working relationships with co-workers and others.
- Ability to work safely without presenting a direct threat to self or others.
- Ability to attend to detail and to follow through to task completion.
- Ability to comply with and support the Division's and the JWSC's standards of practice and its philosophy regarding the work and services provided.
- Ability to anticipate problems and to apply problem-solving skills, considering all reasonable alternatives, and make recommendations for problem resolution.
- Ability to manage personal time, and to organize work such that work is completed according to plans and schedules.
- Ability to manage multiple tasks, and to be flexible in changing priorities
- Willingness and ability to demonstrate commitment to the job, team and organization.
- Ability to help create a positive work environment that encourages individual and team growth and development.

PHYSICAL DEMANDS AND WORK ENVIRONMENT:

This position requires the ability to perform the physical aspects of the job including entering manholes, climbing, crawling, bending, stooping, making fine, highly controlled manipulations of small objects (e.g. making repairs to electronic equipment), to lift and move heavy objects (100 pounds). Ability to work in an environment exposed to dust, dirt, all weather conditions, potentially hazardous chemicals, toxic materials, waste and infectious materials, hazards associated with operating a motor vehicle, high pressure lines, confined or high work places.