

GAS UTILITIES MECHANIC

The City of Auburn, New York is currently seeking a qualified candidate to fill the position of Gas Utilities Mechanic. There is currently one (1) opening for this position. This appointment will be made provisionally. The appointee will be required to appear for a Civil Service exam for the position at some time in the future, and the appointment will only become permanent upon successful completion of the exam as one of the top three candidates

DISTINGUISHING FEATURES OF THE CLASS

This position oversees day to day operations of the methane gas recovery and the leachate transfer system and the associated collection of pipe work. Oversees the operation and maintenance of the flare skid, the flare, the compressors and the blowers and meters. Balancing the well field and assuring site compliance relative to DEC Title V air permit requirements. Operation and maintenance of the well heads, header piping, control valves of the well system and the leachate transfer systems.

Inspect, maintain, repair and overhaul pumps, other machinery and related mechanical and other equipment used in the City's facilities and systems for the supply, distribution and collection of methane gas and landfill leachate.

TYPICAL WORK ACTIVITIES:

- Installs, maintains, modifies and repairs a wide variety of mechanical and electrical equipment in the City's methane gas and leachate collection systems, distribution, treatment and related facilities and systems, including, but not limited to, hydraulic and pneumatic pumps, compressors, valves, motors, engines, controllers, conveyor systems, bar screens, blowers, ventilators, mechanical drives and related or similar systems and equipment.
- Performs scheduled preventative maintenance inspections and procedures on various mechanical and electrical components of the methane gas and leachate collection systems.
- Inspects, records and utilizes charts, dial, gauges, meters and other monitors to determine pressure conditions, flow and feed rates and other operating conditions. Performs routine adjustments in response to monitoring results.
- Performs a variety of service activities relating to the methane and leachate distribution and collection systems, such as digging trenches for mains, excavating for service and locating valves and meter pits in the methane collection and leachate transfer systems.
- Performs routine electric and/or acetylene welding, brazing and/or soldering repairs and fabrications as required.

- Checks, adjusts and maintains equipment service records.
- Prepares routine reports and maintains daily records and logs.
- Submits requests for required parts and equipment.

- May standby for and answer emergency calls to repair equipment on an “on call, 24 hour per day” basis.
- The intent of this class description is to provide a representative summary of the types of duties and responsibilities that will be required of classifications given this title and shall not be construed as a declaration of the specific duties and responsibilities of any particular position. Incumbent may be required to perform job-related tasks other than those specifically presented in this job description.

SPECIAL REQUIREMENTS:

- Knowledge of the methods, tools and materials used in the maintenance, servicing and repair of pumps, motors, gear drives and related methane gas and leachate treatment facilities machinery and equipment.
- Knowledge of methane gas and leachate collection, treatment, distribution and related systems, equipment, processes and required maintenance.
- Knowledge of water and wastewater treatment facility operations.
- Knowledge of potential safety hazards and applicable safety precautions.
- Skill in the use and maintenance of tools used in the service and repair of collection, transfer and treatment facility machinery and related equipment.
- Ability to read and interpret technical manuals, sketches, maps and blueprints.
- Ability to locate, diagnose and evaluate causes of equipment failure.
- Ability to prepare accurate and coherent maintenance reports.
- Ability to communicate effectively and clearly, both orally and in writing.
- Ability to work overtime and/or be on call.

- Ability to establish and maintain effective working relationships with other Public Works staff, staff of other City Departments and Offices and the general public.

Works under the general supervision of a Sanitation Supervisor and Superintendent of Public Work. Generally no supervision is exercised; may occasionally direct the work of others on specific projects.

MINIMUM QUALIFICATIONS:

HS diploma/GED– 6 years of experience with Landfill and gas operation projects. Experiences to include pump operations and repair.

AS Diploma - 4 years of experience with Landfill and gas operation projects. Experiences to include pump operations and repair.

BS – 2 years of experience with Landfill and gas operation projects. Experiences to include pump operations and repair.