



## **Inflow and Infiltration Technician I**

### **Systems Pumping and Maintenance**

SP/12

#### **JOB SUMMARY**

This position participates in the monitoring of systems operations to ensure efficiency and effectiveness and to reduce inflow and infiltration.

#### **MAJOR DUTIES**

- Performs gravity sewer inspections to identify system defects.
- Locates and accurately marks defects in service connections, force mains and gravity mains.
- Maps collection system features, including laterals, for input into the geographic information system (GIS) database.
- Performs smoke or dye tests.
- Conducts manhole inspections and maintains related database.
- Performs flow monitoring installations and collects data.
- Collects monthly sewer billing data from installed flow meters.
- Maintains and operates equipment used for televising, flow monitoring and smoke testing.
- Maintains an archive of all closed circuit television inspections.
- Locates customer service taps to gravity sewer.
- Responds to customer complaints; performs tests and inspections to locate and resolve problems.
- Performs confined space entries as required.
- Performs related duties.

#### **KNOWLEDGE REQUIRED BY THE POSITION**

- Knowledge of wastewater collection system operation and maintenance principles.
- Knowledge of inspection camera systems operations principles.
- Knowledge of the hazards inherent to sewer maintenance work and the safety measures used to mitigate those hazards.
- Knowledge of wastewater system testing principles and practices.
- Knowledge of computers and job-related software programs.
- Skill in the analysis of problems and the development and implementation of solutions.
- Skill in managing files and records.
- Skill in the use of GPS hardware and software.
- Skill in oral and written communication.

#### **SUPERVISORY CONTROLS**

The Systems Monitoring Supervisor assigns work in terms of general instructions. The supervisor spot-checks completed work for compliance with procedures and the nature and propriety of the final results.

#### **GUIDELINES**

Guidelines include division and agency policies, procedures and standards. These guidelines are generally clear and specific, but may require some interpretation in application.

#### **COMPLEXITY/SCOPE OF WORK**

- The work consists of related technical duties. Inclement weather and field conditions contribute to the complexity of the position.
- The purpose of this position is to participate in the monitoring and repair of the wastewater collection system. Successful performance contributes to the efficiency and effectiveness of system operations.

#### CONTACTS

- Contacts are typically with co-workers, other agency personnel, contractors, vendors, plumbers, and the general public.
- Contacts are typically to exchange information, resolve problems, and provide services.

#### PHYSICAL DEMANDS/ WORK ENVIRONMENT

- The work is typically performed while intermittently sitting, standing, stooping, bending or crouching. The employee frequently lifts light and occasionally heavy objects, uses tools or equipment requiring a high degree of dexterity, distinguishes between shades of color, and utilizes the sense of smell.
- The work is typically performed in an office and outdoors, occasionally in cold or inclement weather. The employee is exposed to dust, dirt, grease, machinery with moving parts, contagious or infectious diseases, or irritating chemicals. Work requires the use of protective devices such as masks, goggles, gloves, etc.

#### SUPERVISORY AND MANAGEMENT RESPONSIBILITY

None.

#### MINIMUM QUALIFICATIONS

- Knowledge and level of competency commonly associated with completion of specialized training in the field of work, in addition to basic skills typically associated with a high school education.
- Sufficient experience to understand the basic principles relevant to the major duties of the position, usually associated with the completion of an apprenticeship/internship or having had a similar position for one to two years.
- Possession of or ability to readily obtain a valid driver's license issued by the State of Georgia for the type of vehicle or equipment operated.