

## *Southwest Suburban Sewer District*

**CLASS TITLE:** Collection System Worker II (*Represented Position*)

**EFFECTIVE DATE:** 04/01/09

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### **GENERAL NATURE & SCOPE OF WORK**

Under the direction of the Sewer Department Supervisor, performs a variety of mid to journey-level work in the installation, maintenance and repair of the Districts' sewer system; serve as a crew leader as directed. Operate a wide variety of hand and power tools and equipment used to maintain and repair sewer mains and laterals.

### **ILLUSTRATIVE EXAMPLES OF WORK/ESSENTIAL FUNCTIONS**

Installation, maintenance and repair of the Districts' sewer system equipment and facilities; assist with repairs to pump stations or treatment plants as needed.

Perform CCTV inspection of mainlines and laterals; utilize mainline and lateral cameras; operate the truck mounted or laptop computer to record data related to pipe type, size, depth, cracks, roots and other related concerns; download data to desk-top computer.

Serve as crew leader on specific projects as directed or required.

Operate a variety of vehicles, specialized equipment and hand and power tools, including high velocity cleaning/vacuum truck, portable pumps, rodder, power saws, backhoe, and shoring and compaction equipment.

Install, raise and repair manholes; replace metal rings and covers as necessary.

Clean and root cut sewer lines; remove debris with vacuum truck or other equipment; replace pipe when necessary; dye and smoke test lines; install and maintain flow meters.

Mow and trim grass, prune shrubs and remove debris around District facilities and manholes.

Respond to public questions and concerns regarding odors, rats, sewer line breaks, sewer line backups and other incidents; remain on call for emergency situations.

Perform excavations and repairs; utilize appropriate shoring and safety equipment; install road plates if needed, backfill, compact and asphalt road cuts.

Maintain routine records and reports of work performed, including equipment usage, preventive maintenance and needed repairs.

Assist Treatment Plants and Office with projects as necessary, including snow and ice removal.

Assist Operations or Maintenance personnel in emergencies as needed.

Perform related duties as assigned.

## **KNOWLEDGE, SKILLS & ABILITIES**

### **KNOWLEDGE OF:**

- Read and understand plans for new construction, replacement or rehabilitation of sewer lines, and As-Built drawings.
- Materials, methods and tools used in the construction, operation and maintenance of a domestic wastewater collection system.
- Methods and practices of preventive maintenance, troubleshooting and diagnosis of equipment malfunction.
- Standards and techniques used in the operation and maintenance of sewer facilities and related equipment.
- Maintenance and repair of basic sewer equipment.
- Operation and maintenance of hand and power tools and specialized equipment used in sewer maintenance and repair.
- Oral and written communication skills.
- Record keeping techniques.
- Health and safety regulations and procedures.
- District organization, operations, policies and objectives.
- Technical aspects of field of specialty.

### **ABILITY TO:**

- Perform a variety of work in the maintenance, troubleshooting, repair and replacement of equipment used in the District's wastewater collection system.
- Inspect, adjust, repair and replace mechanical and electrical units and related parts of collection system equipment.
- Read, interpret, apply and explain rules, regulations, policies and procedures.
- Determine appropriate action within clearly defined guidelines.
- Operate and maintain a variety of power tools and equipment, including high velocity pipe cleaners, CCTV equipment, back-hoe, specialized tools, saws, rigging and lifting equipment, forklift and others.
- Inspect facilities and equipment for maintenance and repair needs; and for fire, safety and health hazards.
- Understand and work within the scope of authority.
- Observe health and safety regulations.
- Meet schedules and timelines.
- Maintain routine records.
- Work cooperatively with others.
- Communicate effectively verbally and in writing.
- Perform heavy physical labor.

### **EDUCATION AND EXPERIENCE:**

Any combination equivalent to: graduation from high school supplemented by five (5) years experience related to the wastewater industry, or any combination of education and experience which demonstrates competency.

### **LICENSES AND OTHER REQUIREMENTS:**

- Washington Class II Collection Operator certificate.
- Valid Class B Washington State Commercial driver's license, with airbrake and tanker endorsement.
- First-aid/CPR, Forklift, Flagger Certification, confined space, etc.

## **PHYSICAL DEMANDS AND WORKING CONDITIONS:**

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Work is performed primarily outdoors around traffic and requires the ability to quickly adjust to changing priorities and demands.
- While performing the duties of the job, the employee is occasionally required to sit and use a keyboard, lift heavy items, climb and/or crawl and is frequently required to stand and walk around.
- Must be physically capable of sustained lifting, bending, climbing, standing and walking; work involves exposure to raw sewage, treatment chemicals, confined space entry and heights as well as exposure to operating machinery.
- Hearing and speaking to exchange information.
- Dexterity of hands and fingers to operate hand and power tools.
- Seeing to read a variety of materials.
- Working around and with machinery having moving parts.
- Working at heights of ladders and structures.
- Noise from equipment operation.
- Indoor and outdoor work environment
- Driving a vehicle to conduct work.
- Adverse and extreme weather conditions.

**The statements contained in this class specification reflect general details as necessary to describe the principle functions of this class, the level of knowledge and skill typically required, and the scope of responsibility, but should not be considered an all-inclusive listing of work requirements. Individuals may perform other duties as assigned including work in other functional areas to cover absences or relief, to equalize peak work periods or otherwise to balance the work load.**