

**JOB DESCRIPTION  
CITY OF SPRINGFIELD**

**HUMAN RESOURCES DEPARTMENT  
EMPLOYMENT AND  
COMPENSATION DIVISION**

Job Title	<u>Wastewater Video Technician</u>
Sch & Grade	<u>PAT-8</u>
Class Code	<u>CB48</u>
FLSA Status	<u>Non-exempt</u>
Bargain Unit Elig.	<u>AFSCME</u>
Occupational Group	<u>Code Enforcement &amp; Inspection</u>

**PRIMARY PURPOSE:**

To implement a system of sewer inspection and rehabilitation by inspecting active and new sewer lines using closed circuit television equipment.

**SUPERVISION:**

Under the general supervision of the Sewer Operations Coordinator; supervises Infiltration and Inflow Technicians.

**DESCRIPTION OF WORK:**

**ESSENTIAL FUNCTIONS:**

1. Supervises and participates in the inspection of sewer lines using internal closed circuit television (CCTV) to determine condition and locations of sewer wyes, structural integrity, presence of obstructions and infiltration/inflow problems.
2. Supervises the Infiltration and Inflow Technicians and completes performance evaluations, recommends and implements disciplinary action and participates in and makes recommendations regarding staff hiring decisions.
3. Assists and participates in environmental studies, investigations, plans, and construction projects regarding sanitary sewer issues.
4. Determines the appropriate pipeline rehabilitation methods and establishes priority ratings.
5. Performs dye and/or smoke tests for location and confirmation of service line connections.
6. Performs wastewater flow studies utilizing automatic flow recorders and manual depth measurements in manholes; calculates flows from depth measurements.
7. Investigates citizen complaints and requests for service. Cooperates with private plumbers in identifying and locating sewer defects for property owners.
8. Negotiates fees with plumbers and contractors who may be ask to perform repairs on city mains directly associated with private lateral defects.
9. Prepares and maintains detailed records and reports of activities including gathering data to be used in compilation of official reports on engineering estimates.
10. Maintains equipment and necessary parts and supplies.
11. Works with manufacturers' representatives and equipment suppliers to insure that hardware and software meet City specifications.
12. Provides information to citizens, plumbers, utility locators, etc.
13. Prepares presentations for rehabilitation project status, public meetings, etc.
14. Utilizes a variety of computer software applications.

**IMPORTANT FUNCTIONS:**

1. Operate office administration equipment such as copiers, computers, fax machines, video recording devices, etc. as necessary.
2. Attends conferences, workshops, seminars and other training for professional development purposes.
3. Maintains records and attaches video files to appropriate sewer assets.

*Performs related work as required.*

**QUALIFICATIONS REQUIRED:**

Any combination of education, training, and experience providing the following knowledge, skills, and abilities:

**Knowledge**

Knowledge of wastewater collection systems infrastructure; sewer inspection and rehabilitation techniques and procedures.

**Abilities**

Follow oral and written instructions; communicate effectively verbally; deal effectively and courteously with associates and the general public; perform the essential functions of the job without posing a direct threat to the health and safety of others. Ability to operate and maintain a closed circuit television system. Ability to calculate and/or estimate wastewater flows. Ability to prepare and maintain detailed records and reports of activities. Ability to use multiple software applications and networked computers to assist in the recording and archiving of data. Ability to direct and supervise work of subordinate employees. Ability to perform routine maintenance and minor repairs on equipment; model and promote acceptance and respect for differences among employees and citizens; performs effectively as a member of the team in carrying out the City’s stated mission and philosophy.

**Experience, Education, and Training**

Requires graduation from an accredited college or university with a Bachelor’s Degree in Environmental Science, Civil or Chemical Engineering, computer sciences or related discipline with at least two years direct experience with storm water, repairing or maintaining sanitary sewer systems. Experience repairing closed circuit video equipment is desirable. Directly related work experience may be substituted for the education requirement on a year-for-year basis.

**Physical Requirements**

Performs bending, squatting, kneeling, and reaching both to ground level and overhead; lift and carry up to 90 pounds; push and pull up to 120 pounds; hold and grip objects; climb in and out of manholes, distinguishes colors as needed to complete accurate test results; Subject to working in awkward positions and standing for long periods of time, must have ability to operate computer keyboard and mouse.

**Working Environment**

Both indoor and outdoor working environment which may involve exposure to extreme weather conditions as well as temperature swings; subject to a variety of dangers associated with wastewater; subject to strong fumes, odors, dust and pollen; may be required to wear a respirator or Tyvek suit, must be able to work in confined spaces with possible poor lighting and ventilation.

**Licensing/Certification**

Must possess a valid Missouri Motor Vehicle Operator's License; must possess or obtain and maintain certification as a Solid Waste Technician and OSHA 40-hour Hazardous Waste Training within probationary period.

**Miscellaneous Requirements**

Subject to night and/or weekend work as required; subject to emergency call-in.

<b>Last Revision:</b>	February 22, 2012	<b>GENERAL ORDINANCE NO.</b> 5507
<b>Comments:</b>	Updated Abilities	<b>Date:</b> 11/28/2005

**I have read the foregoing job description in its entirety and understand its contents. I can perform the essential functions outlined with or without reasonable accommodation under the Americans with Disabilities Act.**

**Signed:** \_\_\_\_\_ **Date:** \_\_\_\_\_