

CLASS TITLE: PIPELINE INSPECTION AND REHABILITATION TECHNICIAN

PURPOSE OF THE CLASSIFICATION: Under general supervision, performs skilled inspection and defect identification using electro-mechanical, acoustic/sonar detection (some positions), and closed-circuit TV (CCTV) inspection systems to evaluate, code, and prioritize pipeline conditions of the sanitary sewer and stormwater collection systems and other related assigned duties.

ESSENTIAL TASKS:

- Operates specialized software and television inspection systems to perform onsite inspections of storm and/or sewer mainlines to survey, detect, locate, and pinpoint defects and maintains a database of assessments and conditions
- Performs analysis of field conditions to recommend and prioritize follow-up
- Makes field adjustments and repairs to relevant equipment including transporter or skid settings
- Establishes and implements field/worksites safety procedures
- Directs and interfaces with work management systems and internal and external personnel to coordinate activities affecting assigned work areas
- Inspects and tests newly constructed lines using air testing equipment, vacuum pressure testing and visual and TV inspection to ensure construction meets City specifications
- Reads and interprets construction plans, engineering atlases, blueprints and drawings
- Maintain necessary inventory of parts, tools, materials, and equipment
- Performs investigations to determine if the issue is a private or a City defect, such as signs of water intrusion or other indications of structural compromise
- Provides technical and safety training for subordinate personnel when necessary
Must report to work on a regular and timely basis

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential tasks.

QUALIFICATIONS:

Training and Experience: Graduation from high school or possession of a General Educational Development Certificate (GED) and five (5) years of experience in construction, maintenance or a related field including two (2) years of experience working in a municipal wastewater or stormwater collection system; or an equivalent combination of training and experience, per Personnel Policies and Procedures, Section 128.

Knowledge, Abilities and Skills: Considerable knowledge of tools, materials, and equipment utilized for CCTV and air-testing work; considerable knowledge of safety practices and policies, including confined space and heavy lifting. Ability to operate equipment safely and efficiently for CCTV inspections and air-testing duties; ability to inspect a large variety of equipment for pre-trip, safety, operability, and maintenance purposes; ability to communicate effectively both verbally and in writing; ability to utilize good intrapersonal skills; ability to instruct others in equipment operation and inspection duties; ability to utilize a laptop computer and computerized work order system to document work performed; ability to perform work thoroughly and accurately; ability to work in varied weather conditions.

Physical Requirements: Physical requirements include arm and hand steadiness and finger dexterity enough to use a computer and telephone; frequent lifting and carrying up to 10 pounds; occasional lifting, carrying, pushing and pulling, up to 50 pounds; may be subject to extended periods of walking, standing, sitting, reaching, balancing, bending, kneeling, handling, climbing and twisting; and vision, speech and hearing sufficient to perform the essential tasks.

Licenses and Certificates: Possession of a valid Oklahoma Class "B" Commercial Driver's License (CDL) within nine (9) months of hire; a Class "D" Wastewater Works Operator's License as issued by the Department of Environmental Quality (DEQ) within nine (9) months of hire date; and a Pipeline Assessment Certification (PACP) by National Sewer Service Companies (NASSCO) within six months of hire date.

Proficiency Increases:

1st Proficiency (All Divisions) Employee will be eligible for a one-step increase upon successful completion of:

- Six (6) months in current position, and
- Receives a "Proficient " rating on most current performance evaluation, and
- Pipeline Assessment and Certification Program (PACP) and Manhole Assessment and Certification Program (MACP) and Lateral Assessment Certification Program (LACP) Certification, not previously taken, as approved by management, and
- Atlas (GIS) Assessment and Lucity Assessment, not previously taken, as approved by management, and
- Trenching and Shoring and Confined Space Entry Training, not previously taken, as approved by management, and
- Traffic Control, not previously taken, as approved by management, and
- PHASE 1 Safety Training, not previously taken, as approved by management, and
- Customer Service Training or Conflict Resolution or equivalent, not previously taken, as approved by management

2nd Proficiency (All Divisions) Employee will be eligible for a one-step increase upon successful completion of:

- Nine (9) months in current position, and
- Receives a "Proficient" rating on most current performance evaluation, and
- Class "D" Oklahoma Department Environmental Quality (ODEQ) License, as approved by management, and
- Forklift Certification, not previously taken, as approved by management, and
- Class "B" Commercial Driver's License, and

Water and Sewer 2nd Proficiency

- American Public Works Association (APWA) Construction Inspection 201: Project Management or Water and Sewer Leadership Training or equivalent, not previously taken, as approved by management

Stormwater 2nd Proficiency

- American Public Works Association (APWA) Construction Inspection 201: Project Management or completion of the Six Sigma Green Belt Program or equivalent, not previously taken, as approved by management

3rd Proficiency (All Divisions) Employee will be eligible for a one-step increase upon successful completion of:

- Twelve (12) months in current position, and
- Receives a "Proficient" rating on most current performance evaluation, and
- Customer Service Training or Conflict Resolution training or equivalent, not previously taken, as approved by management

Water and Sewer 3rd Proficiency

- American Public Works Association (APWA) Construction Inspection 201: Project Management or Water and Sewer Leadership Training or equivalent, not previously taken, as approved by management, and

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- McElroy Pipebursting Good Practice from McElroy University or equivalent, not previously taken, as approved by management

Stormwater 3rd Proficiency

- American Public Works Association (APWA) Construction Inspection 201: Project Management or completion of the Six Sigma Green Belt Program or equivalent, not previously taken, as approved by management

4th Proficiency (All Divisions) Employee will be eligible for a one-step increase upon successful completion of:

- Eighteen (18) months in current position, and
- Receives a "Proficient" rating on most current performance evaluation, and
- OSHA 30 safety Training class, not previously taken, as approved by management, and
- Class "C" Department of Environmental Quality (DEQ) License, as approved by management, and
- Class "A" Commercial Driver's License

Water and Sewer 4th Proficiency

- Dewatering Certification, not previously taken, as approved by management, and
- Clay Pipe Certification, not previously taken, as approved by management

Stormwater 4th Proficiency

- Federal Emergency Management Agency (FEMA) Incident Command System (ICS) 100 and ICS 200, not previously taken, as approved by management

WORKING ENVIRONMENT: Working environment is primarily outdoors and in inclement weather and occasionally indoors; and requires traveling to various locations.

Class Code: 3543

EEO Code: N-07

Pay Code: OT-18

Group: Engineering, Planning and Technical

Series: Inspection

Effective date: December 15, 2021