

CREW LEADER/EQUIPMENT OPERATOR (Wastewater Collection System)

General Statement of Duties

Performs responsible maintenance and repair duties on the wastewater collection system while supervising a crew of subordinate Technicians. Operates a variety of technical equipment and tools in the performance of duties.

Distinguishing Features of the Class

An employee in this class performs skilled, technical labor in the installation, maintenance, and repair of the WW Collection System. The employee supervises a crew as assigned by the Superintendent. Work involves using a variety of equipment and tools to maintain, test, and repair the WW Collection System and its appurtenances. The Employee works in inside and outside environments, but the majority of work is performed outside. The Employee is subject to encounter the hazards involved with WW collection system maintenance including extreme temperatures, loud noises, vibration, moving mechanical parts, pinch points, electrical current, chemicals, fumes, odors, dusts, mists, gases, poor ventilation, oils, and high pressures. Work is also subject to the OSHA rules and regulations regarding confined space entry and blood borne pathogens. Work involves operating a backhoe, excavator, trucks, and other equipment and vehicles in difficult situations such as around low hanging utility lines, around underground utilities, in the dark of night, and in heavy traffic. The Employee is expected to perform all work in accordance with applicable environmental regulations and City safety rules. The position is subject to on-call and call back work. Work is performed under the supervision of the Utility Maintenance Superintendent in conformance with established standards and is periodically evaluated for productivity, quality, safety, and adherence to established standards.

Duties and Responsibilities

Essential Duties and Tasks

Performs equipment operation and crew leader duties in the construction, replacement, maintenance, testing, and repair of sewer lines, manholes, and related appurtenances.

Locates water and sewer lines for contractors and utilities.

Provides guidance and direction to a crew of technicians performing sewer line repairs, unstopping sewer blockages, operating a sewer camera, performing smoke testing, inspecting manholes, cleaning manholes, jetting sewer lines, etc. The Employee is expected to use current and proper techniques and to follow current industry guidelines in the performance of duties. The Employee is expected to participate in the work he or she is supervising.

Supervises inmate laborers, after receiving training and becoming certified by NC Department of Public Safety to do so.

Operates backhoe and other equipment in places that require a high level of skill including around underground and above ground utility lines, in heavy traffic, and in the dark of night.

Operates jet rodder machine, sewer camera, smoke blower, tractor, backhoe, dump trucks, utility trucks, and other related equipment and tools.

Investigates sewer blockages, determines the cause, and removes the blockage when it's in a City maintained line.

Cleans up sewer spills in accordance with all environmental regulations and the Superintendent's guidelines.

Patches utility cuts in asphalt and concrete.

Makes sewer taps.

Performs work zone traffic control and flagging and supervises subordinates performing same.

Checks and maintains equipment operated.

Assures safe work practices and City policies are followed in the performance of duties.

Takes responsibility for all assigned work orders.

Responds to citizen questions, requests, concerns, and complaints in a professional manner.

Additional Job Duties

Works in the water distribution system as part of a crew performing water line repairs, laying pipe, making water taps, installing fire hydrants, reading meters, etc. Though the primary responsibility of this position is the maintenance and repair of the collection system, the Employee will work in the distribution system as required or requested.

Assists with snow and/or ice cleanup during and after winter storms.

Performs related tasks as required or requested.

Recruitment and Selection Guidelines

Knowledge, Skills, and Abilities

Considerable knowledge of and work experience with the equipment used to maintain, test, and repair WW collection systems. Specifically: Smoke blower, sewer camera, jetter, high pressure hoses, rakes, shovels, backhoe, excavator, tractor, dump truck, etc.

Considerable knowledge of and work experience with proper confined space entry.

Considerable knowledge of and work experience with proper trenching techniques.

Considerable knowledge of and work experience with proper shoring techniques.

Considerable knowledge of and work experience with proper traffic control and work zone safety in accordance with MUTCD guidelines.

Considerable knowledge of and work experience with water and sewer line installation.

Considerable work experience in the repair of broken water and sewer mains (both gravity and under pressure).

Considerable work experience in making taps on sewer lines.

Working knowledge of the occupational hazards and proper safety precautions that should be taken with the work being performed.

Working knowledge of the traffic laws, ordinances and regulations pertaining to the operation of motorized vehicles and equipment.

Ability to provide professional guidance and leadership to a crew of technicians and laborers

Ability to ensure that the Crew's assigned tasks are performed efficiently and in a timely manner..

Ability to understand oral and written instructions and to complete oral and written work orders.

Ability to operate construction tools.

Ability to use independent judgement to solve problems.

Ability to establish and maintain effective working relationships with citizens, supervisors,, and co-workers.

Ability to respond courteously and professionally to the public.

Physical Requirements

Must be able to physically perform the basic life operational functions of climbing, balancing, stooping, kneeling, crouching, crawling, reaching, standing, walking, pushing, pulling, lifting, fingering, feeling, talking, hearing, and repetitive motions.

Must be able to perform heavy work exerting up to 100 pounds of force occasionally, up to 50 pounds of force frequently, and up to 20 pounds of force constantly.

Must possess the visual acuity to operate mobile equipment, complete records, and observe the thoroughness and accuracy of the work being performed.

Must be able to read and write to generate and maintain records and reports.

Desirable Education and Experience

Graduation from high school or GED equivalent is required; considerable experience maintaining and repairing WW collection systems; considerable amount of supervisory experience; or equivalent combination of education and experience.

Special Requirements

Possession of a valid North Carolina Commercial Driver's License or ability to obtain within 6 months of hire date.

Possession of NC Collection System Operator Grade 2 Certification, or ability to obtain within one year of hire date.