

**TAYLORS FIRE & SEWER DISTRICT
SEWER DEPARTMENT
JOB DESCRIPTION**

I & I TECHNICIAN

GENERAL POSITION DESCRIPTION:

The purpose of the position is to perform specialized technical work in the cleaning and television inspection of wastewater collection system force mains, trunk lines, manholes, and pump station facilities, and to perform related work as required. This position reports to the assigned Supervisor/Director of Sewer Services. This position shall be considered non-exempt under the Fair Labor Standards Act. Employment is at-will meaning that the employment is not pursuant to a contract and can be terminated at any time for any reason or no reason at all by the employee or the employer without notice.

ESSENTIAL JOB FUNCTIONS:

The tasks listed below are those that represent the majority of the time spent working in this position. Management may assign additional tasks related to the type of work of the position as necessary.

Inspects sewer lines using television inspection equipment to determine and record sewer conditions and problems.

Performs the cleaning of sewer lines, and pump stations; pressure-cleans and mechanically cleans manholes and sewer lines; removes roots and debris as necessary; clears stoppages from lines and manholes; chemically treats root-infested lines as necessary.

Assists in the maintenance and repair of wastewater collection system trunk lines, manholes, pump stations, and other system components.

Assists in the rehabilitation of manholes and lines.

Locates, raises and lowers manholes.

Installs and maintains flow monitoring and rain gauge equipment.

Performs above and below ground physical inspections and smoke and dye tests on sewer lines.

Conducts night time flow isolation studies.

Pressure tests seals.

Collects and compiles flow monitoring data; draft maps of areas being studied.

Transports equipment and supplies to and from work sites.

Operates heavy and specialized equipment as necessary, including but not limited to television inspection van/unit, jet truck, cleaner / vacuum combination truck, trailers, bucket truck, tractors, etc.; operates gas detectors and various hand and power tools.

Provides traffic control and work sites to ensure citizen / crew safety.

Performs all work in accordance with applicable policies, procedures, regulations, and standards of safety.

Maintains accurate and up-to-date records of work performed.

Inspects equipment for proper and safe working condition; maintains assigned vehicles, tools, and equipment.

Receives and responds to inquiries, complaints and requests for assistance in areas of responsibility.

Works on-call 24 hours per day as scheduled for emergency response.

Attends meetings, training, seminars, etc., as appropriate to enhance job knowledge and skills.

PREFERRED TRAINING AND EXPERIENCE:

Requires a high school diploma or equivalent with over one year and up to and including two years' experience of maintaining a sanitary sewer system and using sewer maintenance equipment and training; or any equivalent combination of education and experience, which provides the required knowledge, skills, and abilities. Must possess a valid state Position "A" CDL Driver's License with tanker endorsement. Must be able to receive and follow instructions. Must be able to communicate well with other crew members and have good people skills. Must possess or obtain within two (2) years the following license/certification: Class C License in Wastewater Collection System Operations from the Water Environment Association of South Carolina.

PHYSICAL AND DEXTERITY REQUIREMENTS:

Requires medium work that involves walking, standing, stooping, stretching, climbing, pulling, pushing or lifting some of the time, traversing uneven terrain, entering confined spaces, and also involves exerting between 20 and 50 pounds of force on a recurring basis, or considerable skill, adeptness and speed in the use of fingers, hands or limbs in tasks involving very close tolerances or limits of accuracy.

ENVIRONMENTAL HAZARDS:

The job may risk exposure to bright/dim light, extreme heat and/or cold, wet or humid conditions, dusts and pollen, extreme noise levels, vibration, fumes and/or noxious odors, traffic, moving machinery, electrical shock, confined spaces, disease/pathogens, toxic/caustic chemicals, dangerous gases.

DATA CONCEPTION:

Requires copying, transcribing, entering or posting data or information.

INTERPERSONAL COMMUNICATION:

Requires the ability of speaking and/or signaling people to convey or exchange pertinent and vital information to co-workers. Includes the receiving of information and instructions from supervisor.

LANGUAGE ABILITY:

Requires reading technical instructions, procedures, manuals and charts to solve practical problems; composing routine reports and specialized reports, forms and business letters with proper format; speaking compound sentences using normal grammar and word form.

INTELLIGENCE:

Requires doing clerical, manual or technical tasks prescribed by standard practices but which may require computation, the use of several procedures, and the use of independent judgments with obvious choices; requires normal attention for accurate results.

NUMERICAL APTITUDE:

Requires using basic algebra involving variables and formulas and/or basic geometry involving plane and solid figures, circumferences, areas and volumes, and/or computing discounts and interest rates.

FORMS/SPATIAL APTITUDE:

Requires the ability to inspect items for proper length, width, and shape, and visually read various information.

MOTOR COORDINATION:

Requires the ability to coordinate hands and eyes rapidly and accurately in using heavy construction machinery; to operate motor vehicles.

MANUAL DEXTERITY:

Requires the ability to handle a variety of items including control knobs, switches, hand and power tools, etc. Must have significant levels of eye/hand/foot coordination.

COLOR DISCRIMINATION:

Requires the ability to differentiate between colors and shades of color.

INTERPERSONAL TEMPERAMENT:

Requires the ability to deal with people beyond giving and receiving instructions. Must be adaptable to performing under minimal levels of stress when confronted with an emergency or tight deadline. The worker may be subject to danger or risk to a moderate degree.

PHYSICAL COMMUNICATION:

Requires the ability to talk and hear: (talking: expressing or exchanging ideas by means of spoken words; hearing: perceiving nature of sounds by ear). Must be able to hear and understand communications through a telephone/radio.