

WATER/WASTEWATER TROUBLE SHOOTER

PURPOSE AND NATURE OF WORK

Positions in this classification are responsible for assessing problems in water distribution and wastewater collection systems and initiating repairs. Incumbents work under the general direction of a Water/Wastewater Supervisor; and often function as foreman due to large geographic area of water/wastewater system and number of crews working.

ILLUSTRATIVE EXAMPLES OF WORK (Note: These examples are intended only to illustrate the various types of work performed by incumbents in this class. All of the duties performed by any one incumbent may not be listed, nor does any incumbent necessarily perform all of these duties.)

Investigates and evaluates reported leaks, or breaks in subsurface pipelines. Conducts smoke testing of lines and operates television system. Fills in for Water/Wastewater Supervisor and assists them when necessary. Assesses equipment, material and labor requirements for repair process. Directs work of crew(s) in absence of Water/Wastewater Supervisor.

Verifies construction contractor=s need for services such as marking the locations of subsurface pipelines, operating valves, and schedules/provides these services. Notifies customers of services interruptions.

Trains employees, maintains and updates engineering drawing files, plans work and inspects projects.

Performs related work as required.

NECESSARY KNOWLEDGES, ABILITIES, AND SKILLS

Extensive knowledge of the locations and characteristics of the water distribution system, mains, meters, valves and fire hydrants.

Extensive knowledge of the locations and characteristics of the wastewater collection system, mains, manholes and related installations, exclusive of lift stations.

Knowledge of the methods and materials of location, excavation, repair, and installation of water or wastewater pipelines.

Knowledge of the methods and materials of repairing excavations in streets, sidewalks and driveways, as well as safety requirements for working in these locations.

Ability to estimate time, material and equipment required for various types of water or wastewater system repairs.

Ability to analyze and apply data on engineering drawings of main lines.

DESIRABLE TRAINING AND EXPERIENCE

Graduation from high school and extensive experience in installation, maintenance and repair of water distribution or wastewater collection systems exclusive of lift stations; or an equivalent combination of education and experience. Possession of Class IV Waste Water Collection or Water Distribution certification issued by the State of Louisiana, within three years of appointment.

NECESSARY SPECIAL QUALIFICATIONS

Possession of a valid Louisiana Driver's License