

LEAK DETECTION TECHNICIAN SUPERVISOR

NATURE OF WORK IN THIS CLASS:

Supervises lower level leak detection technicians, performs and participates in the leak detection monitoring of the water distribution systems.

ILLUSTRATIVE EXAMPLES OF WORK: (These examples do not list all the duties which may be assigned; any one position may not include all the duties listed)

Provide leadership, supervision and guidance for the line and leak detection section of the Guam Waterworks Authority.

Supervise and implement leak detection projects.

Coach and train assigned staff on leak detection tools, techniques, procedures and best practices.

Communicate scope of work, project milestones and project findings with staff.

Supervise the creation and recording of found leaks on Computerized Maintenance Management System (CMMS).

Provide GWA Systems Control Center (SCC) and Geographic Information System (GIS) a record of found leaks, utilizing leak detection form and Global Positioning System (GPS) technology.

Coordinate the assistance required by water maintenance operators, leak repair crews and contractors in locating water leaks daily or during emergency situations.

Supervise job site safety, traffic control, cleanliness and security.

Supervise maintenance and calibration of all leak detection equipment.

Supervise the preparation of field reports and documentation.

Perform sequential actions to locate leaks by applying knowledge of leak detection practices.

Supervise the coordination with GIS for updates of the plotted leak detection areas and develop programs for infrastructure rehabilitation.

MINIMUM KNOWLEDGE, ABILITIES AND SKILLS:

Knowledge of water meters, distribution system, valves, hydrants, PRVs (Pressure Reducing Valve), air release valves, distribution system maps and curb stops on customer service connection piping.

Ability to estimate leak flows.

Knowledge in operating leak detection equipment (acoustic listeners and correlators)

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Knowledge in the use and basic maintenance of mechanical equipment, including pumps, power generators, drills, motors, valves and hydrants.

Knowledge to pinpoint water losses and points of water loss using leak detection equipment to find hidden, unreported leaks in the water distribution system.

Knowledge to maintain leak detection database for water losses and reporting.

Knowledge of maintenance and calibration of leak detection equipment.

Ability to apply safe work practices on the job.

Ability to work effectively with the public and employees.

Ability to understand and follow oral and written instructions.

Ability to perform arduous physical tasks and work in strained and awkward positions.

Ability to evaluate operational effectiveness and recommend/implement changes to enhance improvements.

Ability to make work decisions in accordance with appropriate program guidelines.

MINIMUM EXPERIENCE AND TRAINING:

- A) Five (5) years of experience in the water construction, maintenance and repair of water lines and related systems, including two (2) years as a leak detection technician leader.

NECESSARY SPECIAL QUALIFICATIONS:

Possession of a valid Water Distribution or Water Treatment Operator's Certificate Level II; *and*

Possession of a valid Guam Driver's License;

ESTABLISHED: January 2018

JOB EVALUATION POINTS: 734
 PAYGRADE: MINIMUM: L3-A \$63,219
 MAXIMUM: L4-A \$65,785



 JOSEPH T. DUENAS, Chairman
 Consolidated Commission on Utilities