

## LEAK DETECTION TECHNICIAN II

### **NATURE OF WORK IN THIS CLASS:**

Performs skilled work in the leak detection monitoring.

Employees in this class perform full range of skilled tasks under general supervision a

**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)

Perform water leak survey and pinpointing using leak detection equipment to find hidden, unreported leaks in the water distribution system.

Provide report of all locations where water use, meter sounds or possible leak sounds exist.

Review detailed distribution system maps and locate Pressure Reducing Valves (PRVs), forgotten valves, or other system apparatus that might make the suspect sound.

If possible cause of the sound is found, the sound should be isolated and identified.

Create and record 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.

Assist water maintenance operators, leak repair crews and contractors in locating water leaks daily or during emergency situations.

Responsible for job safety, traffic control, cleanliness and security.

Responsible for maintenance and calibration of all leak detection equipment.

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

Prepare field reports and documentation of tasks completed.

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

May provide guidance with less skilled workers on assigned tasks.

### **MINIMUM KNOWLEDGE, ABILITIES AND SKILLS:**

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

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Knowledge of maintenance and calibration of leak detection equipment.

Ability to estimate leak flows.

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

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.

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

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

**MINIMUM EXPERIENCE AND TRAINING:**

- A) Two (2) years of experience in the water construction, maintenance and repair of water lines and related systems; or
- B) Any equivalent combination of experience and training which provides the minimum knowledge, abilities and skills.

**NECESSARY SPECIAL QUALIFICATIONS:**

Must possess a valid Guam Driver's License

ESTABLISHED: January 2018

JOB EVALUATION POINTS: 421  
 PAYGRADE: MINIMUM: I3-A \$39,871  
 MAXIMUM: I4-A \$41,490




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JOSEPH T. DUENAS, Chairman  
 Consolidated Commission on Utilities