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## ***Class Title: Senior Water Distribution Technician***

**BASIC FUNCTION:** Under general supervision, is responsible for the maintenance, repair, monitoring and reporting to ensure compliance of water and wastewater plant operations, airports and distribution systems for the assigned area and performs related work as required.

**REPRESENTATIVE DUTIES:** *(Performance of these functions is the reason the job exists. Assigned job tasks/duties are not limited to the representative duties).*

1. Controls and monitors mechanical devices used to treat wastewater and related sludges, both manually and through the use of the Supervisory Control and Data Acquisition (SCADA) and computer control systems.
2. Monitors, both manually and through the use of the SCADA system, unit process variables and initiates change as determined through calculations, test procedures, and independent judgment to achieve operational goals; calculates chemical dosage for water treatment.
3. Inspects and evaluates wastewater operations and adjusts plant processes accordingly.
4. Records production and water flow daily; maintains well and equipment logs; keeps various records of water and sewer plant operations.
5. Inspects all pumps, bar screen and related equipment, grit chambers, digesters and heaters, trickling filters, and primary and secondary basins daily and records all vital information on production totals.
6. Performs proper water quality testing of all water distribution and wastewater systems in accordance with regulatory guidelines.
7. Administers and/or locates distribution and collection lines per USA dig requirements.
8. Operates & maintains all components of water and sewer operations such as plumbing, electrical, and chemical.
9. Ensures the accuracy and proper functioning of the treatment plant and ensures Environmental Protection Agency operating standards are met or exceeded.
10. Installs, repairs, and reads water meters; cleans and lubricates pumps and other production equipment as needed.
11. Engages in public contact with customers and related field personnel.
12. Operates telemetry system; exercise all system generators based on "real world test" every six months or as needed.

13. Repair and/or replacement of all beacons, windsocks, traffic circles, and tetrahedrons.
14. Repair and/or replacement of all taxiway, runway, and threshold lights.
15. Weed control and clean-up of airport property.
16. Repair, maintenance, inspection, and keeping of required documentation for airport fueling stations.
17. Ordering and maintaining stock of parts necessary to maintain all airport property and equipment.
18. Maintains, repairs, and certifies all County owned backflow prevention devices in accordance with regulatory guidelines.
19. Reports to regulatory agencies and provides all necessary documentation required in a timely manner.
20. Provides technical guidance to other Water Distribution Technicians and checks for accuracy.
21. Attends courses, seminars to maintain continuing education hours in conjunction with maintenance of state certifications.

## **QUALIFICATIONS FOR EMPLOYMENT:**

### **Knowledge of:**

Operations, services, and activities of a wastewater treatment program; Methods and techniques of pump regulation; Methods, materials, and procedures used in inspection, repair and maintenance of water systems; ; Occupational hazards and standard safety practices; Operational characteristics of pump equipment; Pump capabilities to regulate water flow; Chemicals and chemical feeders; ; Basic Mathematical knowledge ; Current computer hardware and common applications at an intermediate level, such as word processing, spreadsheet, and database; Pertinent federal, state and local laws, codes and regulations; and OSHA trenching and shoring laws.

### **Ability to:**

Operate a variety of pumping equipment in a safe and effective manner; Monitor wastewater and communicate plant functions through the use of the SCADA (Supervisory Control and Data Acquisition) and computer control systems; ; Perform less complex wastewater treatment operations; Recognize improper pump operation through visual or auditory inspection; Perform preventive and corrective maintenance on facility equipment; to operate a gas monitor; Read and write English at a level necessary to perform essential functions; Prepare clear and concise reports; Work in confined spaces wearing a breathing apparatus; Understand and follow oral and written instructions; and communicate clearly and concisely, both orally and in writing.

### **Work Direction, Lead and Supervisory Responsibilities:**

Perform duties as directed by the Utilities Superintendent. Supervision and training of the Water Distribution Technician.

### **Required Certifications and Licenses:**

Valid Nevada Driver's License appropriate for equipment to be operated; Nevada Waste Water Treatment Plant Operator License Grade 2; Distribution Operator D-2 full certificate from Nevada Bureau of Safe Drinking Water ; Backflow prevention Assembly Tester from American Backflow Association or AWWA Possession (obtained within one year of probationary period) and maintain certification of same; and current OSHA 10 safety certificate.

**Experience and Training:**

Minimum 5 years' experience as a water distribution and/or wastewater operator. Any combination of training, education, and experience that would provide the required knowledge and abilities. A typical way to gain the required knowledge and ability is: Possession of a high school diploma or equivalency and two years of experience in wastewater treatment.

**Physical and Mental Requirements:**

The physical and mental requirements described here are representative of those that must be met by an employee to successfully perform the essential functions of the job.

Frequent standing in combination with walking throughout work shift on all types of terrain up to ¼-1 mile per shift, depending on area assigned. Strength and stamina to bend, stoop, sit, and stand for long periods of time. Occasionally sitting while performing administrative duties. Some reaching for items above and below desk level. Frequent reaching, bending, squatting, and stooping to perform maintenance tasks. Infrequently crawling or kneeling to check gauges and valves. Frequently lifting of 1-15 pounds is required, including materials, samples, supplies, and tools. Infrequently lifting of up to 50 pounds may be required.

In compliance with applicable disability laws, reasonable accommodations may be provided for qualified individuals with a disability who require and request such accommodations. Incumbents and individuals who have been offered employment are encouraged to discuss potential accommodations with the employer.

**Working Conditions:**

Work is performed under the following conditions:

Position functions at a water & wastewater treatment facilities and may occasionally take place at construction sites. Exposure to waste, hazardous and infectious waste, noise, electrical hazards, inclement weather, moving objects, vehicles, sharp objects, pinch points, odors, fumes, gases, dust, and slippery surfaces. Safety equipment utilized may include hearing and eye protection, safety shoes (based on ANSI requirements) gloves, masks, respirators, and a safety vest. Frequent interruptions to planned work activities occur. Emergency callouts and scheduled standby on a 24/7 rotating basis.

**THIS JOB SPECIFICATION SHOULD NOT BE CONSTRUED TO IMPLY THAT THESE REQUIREMENTS ARE THE EXCLUSIVE STANDARDS OF THE POSITION. INCUMBENTS MAY BE REQUIRED TO FOLLOW ANY OTHER INSTRUCTIONS, AND TO PERFORM ANY OTHER RELATED DUTIES AS MAY BE REQUIRED BY THEIR SUPERVISOR.**

**CONDITIONS OF EMPLOYMENT:**

Nye County participates in E-Verify and will provide the Social Security Administration (SSA\_ and, if necessary, the Department of Homeland Security (DHS), with information from each applicant's Form I-9 to confirm work authorization. All candidates who are offered employment must complete Section 1 of the Form I-9 along with required proof of their right to work in the United States and proof of their identity prior to starting employment. Please be prepared to provide required documentation as soon as possible after the job offer is made.

This job description indicates, in general, the nature and levels of work, knowledge, skills, abilities and other essential functions (covered under the Americans with Disabilities Act) expected of the incumbent. It is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities required of the incumbent. Incumbent may be asked to perform other duties as required.