



CITY OF ELKO
invites applications for the position of:

WRF Technician Trainee

SALARY: \$18.16 - \$20.51 Hourly
\$1,452.80 - \$1,640.80 Biweekly
\$3,147.73 - \$3,555.07 Monthly
\$37,772.80 - \$42,660.80 Annually

DEPARTMENT: Water Reclamation Facility

OPENING DATE: 11/14/19

CLOSING DATE: 12/02/19 08:00 AM

DESCRIPTION:

Under direct supervision and reporting to the WRF Superintendent, the Operator in Training (OIT) position has the same general requirements, duties, and responsibilities as the Operator I position, with the exception of the Operator I certification. The OIT performs semi-skilled work in the operation, maintenance and repair of the City of Elko Water Reclamation Facility (WRF), and performs related work as required.

DISTINGUISHING CHARACTERISTICS:

This is an entry level position within the Water Reclamation Facility Department. Incumbents work as a team member on assigned projects, performing the more routine technical duties while learning operational policies and procedures. Incumbents may operate light equipment or vehicles associated with the WRF. The Operator in Training (OIT) position exercises no supervision.

ESSENTIAL FUNCTIONS:

(Performance of these functions is the reason the job exists. Assigned job tasks/duties are not limited to the essential functions).

- Responsible for ensuring the safe operation and maintenance of the facility to include Rapid Infiltration Basins, and irrigation center pivots at outfall sites; monitors, inspects, adjusts, records and reports on all process equipment or processes within the WRF system.
- 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.
- Maintains, repairs, checks, lubricates, makes adjustments to pumps, motors, sludge mixers, blowers, and other related equipment within the facility.
- Draws off and transfers digester sludge, maintains screening equipment, removes grit and screenings to disposal areas.
- Conducts both routine and non-routine sampling as necessary throughout the plant for laboratory analysis.
- Performs a variety of tasks including plumbing, electrical, general custodial and maintenance work, or other related work as may be required for proper plant operation.
- Exposed to and responsible for operation and maintenance of hazardous chemicals, systems and equipment.
- Maintains two electrical generators, waste gas burner, three plant boilers, and hot water rec. loop.
- Operates on-site equipment to include dump trucks and skid steer loader.
- Engages in public contact with customers and related field personnel.
- Performs other related duties as required by WRF Superintendent.

QUALIFICATIONS:

Knowledge, Skills, and Abilities: (KSAs are the attributes required to perform a job; generally demonstrated through qualifying experience, education, or training).

Knowledge of:

- Methods, materials, and procedures used in inspection, repair and maintenance of wastewater systems;
- Occupational hazards and standard safety practices;
- Operational characteristics of pump equipment;
- Pump maintenance and operations
- Basic principles of hydraulics;
- Basic wastewater mathematics
- Basic knowledge of computer software
- Basic pertinent state and local laws, codes and regulations

Ability to:

- Monitor and operate wastewater treatment plant functions through the use of the SCADA and PLC control systems;
- Learn the principles and regulations of the treatment and distribution of reuse water;
- Operate and maintain plant chlorine systems;
- Perform less complex wastewater treatment operations;
- Learn to operate a variety of pumps in a safe and effective manner;
- Learn to recognize improper pump operation(s) through visual or auditory inspection;
- Learn to perform preventive and corrective maintenance on facility equipment;
- Learn to calculate chemical needs of wastewater based on the demands of the plant;
- Read and write English at a level necessary to perform essential functions;
- Work in confined spaces; ability to wear and work in a breathing apparatus;
- Understand and follow oral and written instructions; and
- Communicate clearly and concisely, both orally and in writing.

Experience and Training

Any combination of training, education, and experience that would provide the required knowledge, skills, and abilities. A typical way to obtain the knowledge, skills and abilities is:

Possession of a high school diploma or equivalent is required, and preferably supplemented by experience working at wastewater plants, or related experience. Some experience with electrical or mechanical equipment, preferred. Prior experience with equipment repair, simple laboratory tests, and wastewater treatment processes, preferred.

Required Certifications and Licenses:

Possession of a state of Nevada Grade I Wastewater Treatment Plant Operator certification within one (1) year of date of hire, and maintenance thereafter.

Possession of a current and valid driver's license; ability to obtain a valid State of Nevada driver's license within (6) months of hire date.

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. Climbing up and down stairs, working on ladders, and at elevated heights. 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.

APPLICATIONS MAY BE FILED ONLINE AT:
<http://www.elkocity.com>

Position #19-31
WRF TECHNICIAN TRAINEE
SS

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