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Northern Water
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Berthoud, CO 80513 careers@northernwater.org Preferred

Posted: April 6, 2018
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Job Specifications

O&M Fieldman I

Division/Department: Distribution Systems Department
Reports To: Distribution Systems Department Manager
Type of Position: Full-time Part-time
Hours: 40/week
Status: Exempt Nonexempt

General Statement

Under direct supervision, this position is responsible for the operation of facilities for the collection and distribution of water and for operations and maintenance work on all facilities as assigned.

Duties and Responsibilities

- Assist with operating, maintaining and monitoring canal outlet works, reservoirs, dams and water conveyance pipelines; record reservoir elevations; check water flows at points of measurement; change charts; collect and record other data as required.
- Patrol canals, pipelines, reservoirs or other properties managed by Northern Water. Assist with all necessary preventative maintenance tasks or reports as required in a timely manner. Northern Water facilities lay in an approximate 70-mile radius of the Berthoud headquarters.
- Assist in the performance of assigned maintenance and repairs of canals, reservoirs, pipelines, structures, and roads. Assigned operations and maintenance duties include, but are not limited to: welding, steel fabrication, woodworking, concrete forming and finishing, weed spraying, mowing rights-of-way, fencing, shoveling, sweeping, painting, sandblasting, shop work, and general maintenance work.
- Operate and maintain, with supervision as required, trucks, graders, dozers, tractors, large mowers, cranes, loaders, forklifts, backhoes, pumps, jackhammers, or other assigned power equipment in clean, orderly, and safe condition.
- Responsible for tools and equipment that may be assigned, operated, or used. Maintain oil, fuel, and water levels in addition to washing, vacuuming, and cleaning.
- Maintain satisfactory relationships with fellow employees, water users, adjacent landowners, contract allottees, citizens, and taxpayers of Northern Water.
- Assist with documentation of all maintenance activities in the asset management system.
- Perform all other duties as may be assigned.

Training Experience and Education Requirements

Training Experience Required

- One to five years' work experience that involved the application of agricultural and irrigation principles, record keeping, or construction, OR a combination of training and qualifying experience. Examples of qualifying experience are farming, ranching, landscaping, construction work, logging, and labor in an irrigation/maintenance setting.

Education Required

- Education equivalent to the 12th grade.

Knowledge, Skills, and Abilities

Knowledge:

- Agriculture, soils, and irrigation techniques.
- Relevant equipment, policies, procedures, and strategies to promote effective local, state, or national security operations for the protection of people, data, property and institutions.
- Geographic location of ditches, canals, waterways, pipelines, and laterals.
- Basic arithmetic functions such as addition, subtraction, division and multiplication.
- Correct use of equipment and tools used in repairing and maintaining ditches and canals, reservoirs, and structures associated with water systems.
- Basic construction techniques.

Abilities:

- Work a variable schedule, including early morning and late night hours and weekend duty.
- Verbally communicate by two-way radio, telephone, or in person with Northern Water's Operations Coordinator, other operations and maintenance employees, or supervisors as directed.
- Work overtime with little or no advance notice.
- Drive over unimproved roads, controlling trucks and equipment in snow-packed, muddy and slippery conditions, and backing vehicles and turning equipment in confined spaces.
- Work in, on, or around water in a safe manner.
- Organize and schedule work load to accomplish tasks on a daily basis.
- Effectively deal with irate and angry people.
- Read, interpret, follow and apply directions written or oral at the high school level.

Skills:

- Work well both independently and as a team player, maintaining open and accurate communications with coworkers and supervisor.
- Troubleshooting and maintaining equipment and tools.
- Performing routine maintenance on equipment and determining when and what kind of maintenance is needed.
- Operating a motor vehicle for extended periods of time in varied conditions on differing on- or off-road surfaces.

Physical Requirements

- Carrying equipment and materials such as shovels, tree branches, weeds, lumber, tires, trash, power equipment, and concrete forms weighing up to 100 pounds; and sand bags and concrete bags weighing up to 94 pounds on a daily basis.

- Pulling debris and animals from ditches and trash racks; cutting weeds and brush; pulling weeds; shoveling and sweeping on a daily basis.
- Walking over uneven terrain and along ditch banks with slippery, muddy, or snow-packed surfaces. Walking or crawling inside water conduits from 45 inches in diameter to 14 feet in diameter. Footing may be slippery and the interior of pipes may be slick from algae growth.
- Standing on truck platforms, ditch banks or walkways and bridges, catwalks or elevated platforms, steep slopes, or in moving water on a daily basis. Carrying backpack sprayers to apply herbicides on earth embankments and rocky slopes.
- Entering confined spaces, vaults, piezometer well enclosures, and elevator shafts on a routine basis.
- Entering vault structures through manway hatches. Opening and closing valves. Servicing mechanical structures in small, confined spaces. Physical agility and strength is required to perform these tasks.
- Balancing, using legs to stabilize self, on catwalks, uneven equipment surfaces, ditch sides, concrete abutments, and platforms while pulling debris from running water (water pressure runs from 50 to 100 pounds); and in streams/rivers with depths up to four feet while operating water measurement equipment, on a daily basis.
- Lying on stomach to pull debris from rivers and ditches.
- Using and operating gripping chains, cables, chain saws, power tools, shovels, hand tools, hoses, and other equipment weighing up to 75 pounds on a daily basis.
- Visually observing and reporting conditions of ditches, flow and level of water, and condition of equipment on a daily basis.
- Turning wheels with up to a 75-pound torque, and using a winch with a 10- to 30-pound torque to open/close water regulating gates and turnouts on a daily basis.
- Climbing ladders with slippery surfaces while carrying tools and equipment on a routine basis.
- Working at heights over 50 feet with appropriate safety devices.
- Many duties will be performed outdoors, exposing employee for extended time periods to temperature extremes, intense sunlight, rain/show, high winds, rough terrain, unstable footing, dust, pollen, bees/wasps/spiders/ants/mosquitoes, snakes, cactus, loud noise, etc.
- Properly utilizing appropriate safety clothing/equipment and procedures. Examples of safety equipment include hard hats, safety glasses, steel-toed boots, respirators hearing protectors, and air monitors for confined space entry.
- Must be able to meet the physical requirements of a post job offer physical examination.

Reasonable accommodations will be made to enable qualified individuals with disabilities to perform the essential functions.

License, Certificate, or Credential Requirements:

- Valid driver's license. A CDL will be required after six months of employment.
- Applicant may be trained, tested, and will be required to be licensed as a Certified Pesticide Applicator.

Other Requirements

- Maintains a personal appearance appropriate for job position and image of Northern Water.

This job description in no way states or implies that these are the only duties to be performed by this employee.

Northern Water is an equal employment opportunity employer.