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| <b>Submit resume and cover letter by – Open Until Filled to:</b><br><b>Northern Water</b><br><b>220 Water Avenue</b><br><b>Berthoud, CO 80513 <a href="mailto:careers@northernwater.org">careers@northernwater.org</a> Preferred</b> | <b>Posted: 8/1/2022</b><br><b>By: NG</b><br><b>Removed:</b><br><b>By:</b> |
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## Heavy Equipment Mechanic

Division/Department: Operations/Facilities & Equipment Department

Reports to: Facilities & Equipment Department Manager

Location: Berthoud, CO

Type of Position: Full-time

Status: Non-exempt

Salary Range: \$32.20-\$37.34

### GENERAL STATEMENT

This position directs and performs maintenance and repairs on Northern Water's mobile heavy equipment, diesel engines, generators, machinery and vehicles. Participates in the reconditioning of existing fleet vehicles and equipment, as well as conducts make-ready setups to newly purchased vehicles.

### ESSENTIAL DUTIES AND RESPONSIBILITIES

- Operates and maintains man-lifts, trucks, graders, dozers, small uncertified cranes, loaders, forklifts, backhoes, pumps, jackhammers or other power equipment in a clean, orderly and safe condition, including maintaining fluid levels, washing and vacuuming, if necessary.
- Organizes equipment and materials for maintenance, repair and use of shop facilities.
- Assures availability of equipment for Northern Water's operational uses.
- Inspects overall condition of assigned fleet and conducts DOT annual inspections on required vehicles and trailers.
- Performs all phases of mechanical repairs and maintenance of equipment, passenger/light truck tire repair, mounting/dismounting, vehicle servicing, detailing, some soldering/welding repairs.
- Trains other personnel in job methods and procedures and the proper use of equipment and tools to repair and maintain facilities and equipment.
- Attends scheduled safety meetings with other employees and maintains required certifications.
- Observes and complies with all safety and clearance rules and regulations (lock-out/tag-out procedures, etc.).
- Responsible for the accounting, maintenance and safe use of assigned tools or equipment.
- Provides estimates for input into the annual budget process.
- Performs and is proficient in automotive air-condition and recovery.
- Operates equipment to assist with snow removal, some building maintenance, along with welding and fabrication.
- Demonstrates continuous effort to improve operations, decrease turnaround times, streamline work processes and work cooperatively and jointly to provide quality seamless customer service.

### **OTHER DUTIES AND RESPONSIBILITIES**

- Performs or assists with other departmental duties as assigned.
- Maintains fuel island including monthly and annual inspections, monitoring usage and ordering fuel.

### **EDUCATION AND EXPERIENCE REQUIREMENTS**

#### **Education**

- Education equivalent to the 12<sup>th</sup> grade.

#### **Experience**

- A minimum of eight years' work experience in a shop and field environment involving the repair and maintenance of heavy equipment and diesel engines (Power Stroke, Duramax, Cummins, MP8 Mack, etc.), running overheads, injector & fuel pump repairs, hydraulic and electrical systems, regular preventative maintenance and tracking with the use of a work order record-keeping system.
- Qualifying experience includes a combination of training in auto and diesel mechanics and heavy equipment diesel mechanics.

### **LICENSE, CERTIFICATE AND CREDENTIAL REQUIREMENTS**

- Valid CDL license.
- Certification as a Heavy Equipment Mechanic.
- EPA Certification Card for motor vehicle air conditioning (MVAC) systems – trained in the handling, charging and recovery, repair, and converting CFC-12 to HFC-134a.
- Will be trained and licensed as required, specifically forklift and man-lift certifications.
- Automotive Service Excellence (ASE) Certification preferred.

### **KNOWLEDGE, SKILLS AND ABILITIES**

#### **Knowledge**

- Wide-range repair and maintenance of heavy equipment, such as Class 1 through 8 trucks, DOT inspections, diesel engines, clutch & transmission replacement, hydraulics, and pneumatics.
- Tools, including bridge cranes, their uses to maintain fleet vehicles and heavy equipment.
- Windows operating systems and OTC diagnostic scanner tool, and the TEXA Truck and Off-Highway Combo Diagnostic Tool, along with the ProDemand Mitchell 1 Software.
- Policies and procedures relevant to equipment to promote effective operations for the protection of people, property, and institutions.
- Know the hazards of the job and is trained in safety precautions of the trade.
- Use, or familiarity with, an Enterprise Asset Management (EAM) system.
- Understanding of computer testing technologies.

#### **Skills**

- Proficient in air brake systems.
- Understand written sentences and paragraphs in work-related documents.
- Basic mathematic skills including addition, subtraction, division and multiplication.
- Talk to others to convey information effectively and to record information onto forms.
- Drive vehicles over bumpy, snow-packed roads; operating, loading, securing and hauling large equipment on trailers.
- Back vehicles and turn equipment around in confined areas.
- Diagnose, troubleshoot, analyze and resolve mechanical problems.

- Electrical and electronic problem-solving.

### Abilities

- Occasionally work early morning, late night or weekend hours when assigned.
- Learn new technologies, both in the automotive field and computer operations.
- Listen and understand information and ideas presented and carry out oral and written instructions.
- Organize and schedule workloads.
- Operate and diagnose defects in heavy-duty equipment, trucks, SUVs, pickups, sedans, small forklifts, and tractors; to dismantle and reassemble in a safe manner.
- Work under stressful conditions while maintaining all aspects of a safe work environment.

### PHYSICAL REQUIREMENTS

- Bend, stretch, reach to pick up iron, tires, jacks, parts, trash, pulling, shovel and sweep.
- Lift and carry lumber, tools, materials, power equipment, tires, parts, trash or other debris weighing from 30 to 100 pounds daily.
- Walk over uneven terrain around campus or along ditch banks to repair equipment. Will be required to shovel snow from sidewalks on slippery or snow-packed surfaces.
- Stand and balance on concrete floors, blacktop, truck platforms, ditch banks, catwalks and steep slopes.
- Lie on stomach or back while performing work under vehicles and heavy equipment daily.
- Grip chains, cables, chainsaws, power tools, shovels, hand tools, hoses and other equipment weighing up to 75 pounds.
- Observe and report conditions of facilities and equipment daily.
- Climb on ladders safely while carrying tools and equipment.
- Work at heights up to 50 feet with appropriate equipment and safety devices.
- Use required safety/protective devices in the performance of all duties. Examples of safety devices/equipment to be worn are gloves, hard hats, safety glasses, safety belts, steel-toed shoes and hearing protection.
- Work in a dusty environment with appropriate safety equipment. May also be required to work in an outside environment that may contain several types of pollens.
- Must be able to meet the requirements of a post-job offer physical examination.

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

### OTHER REQUIREMENTS

- Maintains a personal appearance appropriate for job position and image of Northern Water.
- Subject to Northern Water's Drug and Alcohol Testing Program.

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

**Northern Water provides equal employment opportunities (EEO) to all employees and applicants for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, genetics, veteran status or other legally protected characteristics. Northern Water complies with applicable state and local laws governing nondiscrimination in employment in every location in which the company has facilities. Northern Water also prohibits any form of workplace harassment in accordance with these laws. This policy applies to all terms and conditions of employment, including recruiting, hiring, placement, promotion, termination, layoff, recall, transfer, leaves of absence, compensation and training.**