



Submit resume and cover letter to:
Northern Water, 220 Water Ave.
Berthoud, CO 80513
Email Preferred: careers@northernwater.org

Posted: 3-13-2024
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Engineering Technician I

Division/Department: Environmental Services Division/Field Services Department
Reports to: Field Services Department Manager
Location: Grand Lake, CO
Type of Position: Full-time
Status: Non-exempt
Salary Range: \$27.36-\$30.10

GENERAL STATEMENT

This is an entry level position that provides technical engineering support in areas such as water quality and water resources throughout Northern Water's collection system under the general supervision of the Field Services Department Manager or delegated representative. This position provides technical engineering support in areas such as water quality and water resources throughout Northern Water's boundaries.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Performs standardized or routine assignments involving a sequence of related operations.
- Assists in the collection and analysis of water quality samples and flow monitoring.
- Performs laboratory work such as collecting, analyzing, logging numerical and visual observations, preparing, and packaging samples, recording test results, and performing other types of documentation.
- Gathers, maintains, and enters technical data in various databases.
- Receives, sets up, tests, or decontaminates equipment.
- Assists in the inspection of facilities to monitor compliance with laboratory protocols.
- Extracts and processes data from various recording devices.
- Maintains, repairs, installs, and calibrates various measuring testing devices.
- Performs computations and plots data for creating charts and graphs.
- Receives review from others of the technical adequacy of work upon completion, and non-routine work may be reviewed in the process.
- Assists in analyzing systems, processes, product, or equipment against the desired results.
- Works in field or office settings.

OTHER DUTIES AND RESPONSIBILITIES

- Cross-trains and fills-in for other positions within the department.
- Accomplishes other duties as assigned.

EDUCATION AND EXPERIENCE REQUIREMENTS

Education

- Associate degree in Natural Resources, Watershed Management, Environmental Sciences, Agricultural Engineering, Agronomy, Water Resources Engineering, or related field. Additional education in these fields is helpful.
- A combination of education, related training and work experience may be substituted for educational requirements

Experience

- Minimum of two years of technical school, two years of college towards a Bachelor of Science degree, or related technical training.

LICENSE, CERTIFICATE AND CREDENTIAL REQUIREMENTS

- Valid Driver's License.
- CDL is desirable.

KNOWLEDGE, SKILLS AND ABILITIES

Knowledge

- Some science or engineering.
- Windows operating system.
- Programming and operation of dataloggers with radio and cellular telemetry systems.
- Streamflow measurement procedures and equipment.
- Policies and procedures relevant to the collection of water samples.
- Laboratory procedures and protocols.
- Policies and procedures relevant to the decontamination of equipment.
- General construction techniques.
- Environmental data and how they are used.
- Water quality processes and chemistry is desirable.
- Watershed processes and aquatic environments is desirable.

Skills

- Coordinating and communicating with others to convey information effectively.
- Determining the kind of tools and equipment needed to do a job.
- Transferring information onto forms or into computer applications.
- Writing with coherent, legible penmanship.
- Working well both independently and as a team player.
- Paying meticulous attention to detail.
- Exercising acute sense of observation and awareness of environmental conditions.
- Calculating quantities, sizes, and other measures using basic arithmetic.
- Using various computer software, database/spreadsheet applications, GIS, GPS and word processing programs.

Abilities

- Listen and understand information and ideas presented through spoken words and sentences.
- Maintain open and accurate communications with coworkers and supervisor.
- Operate equipment such as pickup-trailer combinations, field tractors, boats, construction equipment, and hydraulic soil sampler in a safe manner.
- Operate passenger pickups, work on and around boats in deep water safely.
- Produce high quality work and collect accurate data.
- Sustain attention while performing detailed and repetitive tasks.

- Pay consistent attention to safety of self and others.
- Learn contextual environmental information.
- Understand the needs for and uses of environmental data.
- Work with cross-functional teams and support other staff's needs.

PHYSICAL REQUIREMENTS

- Bend, stretch, twist, or reach using body, arms, or legs.
- Sit, stand, walk, stoop, kneel, bend, lift, drive, etc. for extended periods.
- Lift and carry up to 50 pounds.
- Work outside in all weather conditions (rain, snow, high winds, extreme cold or heat, etc.) using appropriate weather gear.
- Work in environments containing spiders, snakes, rodents, and other disagreeable elements with proper safety equipment or clothing.
- Stand and balance on ditch banks or walkways and bridges, catwalks or elevated platforms, steep slopes, or in moving water daily.
- Work/wade in flowing water.
- Utilize appropriate safety clothing/equipment and procedures properly.
- 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 of the job.

OTHER REQUIREMENTS

- Accommodate travel on a routine basis, including overnight trips throughout Northern Water's boundaries.
- Work overtime with little or no advance notice.
- Maintains a personal appearance appropriate for job position and image of Northern Water.
- Willing to obtain additional license/education in the water quality field if needed.

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, marital status, sexual orientation, gender identity, national origin, disability, genetics, veteran status, marital 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.