



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

Posted: 02/03/2026
By: AJ
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Environmental Data and Water Quality Intern

Division/Department: Environmental Services / Environmental Data, Water Quality
Reports to: Environmental Data Department Manager
Location: Berthoud, CO
Type of Position: Internship
Status: Non-exempt
Salary Range: \$20-22/Hour

GENERAL STATEMENT

This internship supports environmental and water quality data management at Northern Water. The intern will support production-level data entry using established SOPs and automated workflows while gaining hands-on experience with enterprise data management and quality assurance processes.

INTERN DUTIES AND RESPONSIBILITIES

- Perform environmental and water quality data entry following established SOPs and production-level workflows.
- Support the implementation and evaluation of new data entry and data management processes.
- Assist with quality assurance and quality control (QAQC) activities for environmental and water quality datasets leveraging a variety of toolsets.
- Collaborate with Environmental Data and Water Quality staff to identify data issues and supported data corrections.
- Support field sampling activities for environmental and water quality monitoring programs, as schedules and conditions allow.
- Participate in a special project to develop QA processes for specific water quality data streams.
- Develop SOPs and document data workflows and QA procedures as needed.
- Performs other related duties as assigned.

INTERNSHIP BENEFITS

- Practical experience in environmental data and water quality.
- Shadowing and mentoring opportunities with experienced water quality specialists, water quality engineers, and environmental data specialists.
- Work alongside experienced professionals in a supportive environment.

EDUCATION REQUIREMENTS

- Must be a Junior, Senior, or Grad student studying data science, environmental science, watershed science, ecosystem science, engineering, hydrology or another related field.

KNOWLEDGE, SKILLS AND ABILITIES

- Familiarity with environmental, water quality, or time-series data.
- General knowledge of data quality assurance and control concepts.
- Strong computer and data management skills.
- Proficiency with Windows, Microsoft Office Suite, and SharePoint.
- Strong analytical and problem-solving skills.
- Effective written and verbal communication skills.
- Ability to learn and follow technical processes and SOPs.
- Aptitude for working with structured datasets and identifying data quality issues.
- Ability to work both independently and collaboratively with a team environment.
- Strong attention to detail and organizational skills.
- Desire and aptitude to quickly learn, navigate, adapt, and leverage new technology.
- Work as part of a team.
- Attention to detail.
- Work independently on assigned tasks.

REQUIREMENTS

- This position will involve primarily a professional office environment and periodic fieldwork outdoors.
- Maintains a personal appearance appropriate for job position and image of Northern Water.

PHYSICAL REQUIREMENTS

- Sit, stand, and walk for prolonged periods of time in the performance of daily activities.
- Lift, drag, or push boxes, paper, and documents weighing up to 25 pounds.
- 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 of the job.

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 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.