



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

Posted: 01/31/2025
By: RB
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By:

Civil Engineer Intern

Division/Department: Engineering/ Project Management

Reports to: Carl Brouwer

Location: Berthoud, CO

Type of Position: Internship

Status: Non-exempt

Salary Range: \$18-\$22/ Hour

GENERAL STATEMENT

The position will provide an opportunity to work in a professional environment and to apply and expand educational knowledge and skills through application in a real-life work setting. Projects include water civil infrastructure and water resources work, including analysis, coordination, and design on large diameter pipelines, pump plants, dam and hydraulic infrastructure, condition assessments, and rehabilitation projects. This internship is planned to be throughout the summer and depending on the availability of work, this position may be utilized throughout the school year.

INTERN DUTIES AND RESPONSIBILITIES

- Supports the project management department and Northern Water in implementation of projects.
- Provides support in developing and implementing spreadsheets for data analysis and tracking.
- Performs hydraulic calculations associated with pipelines and hydraulic structures.
- Provides technical support in preparing varied reports and memorandums.
- Documents site visits and site conditions with construction activities.
- Attends various meetings and takes notes when required.
- Updates and creates maps and visuals as needed.
- Performs all other duties assigned.

INTERNSHIP BENEFITS

- The position will provide an opportunity to work in a professional environment and to apply and expand educational knowledge and skills through application in a real-life work setting working with engineers and other professionals both internally and externally.

EDUCATION REQUIREMENTS

- Must be a Junior, Senior, or extended Senior in an accredited engineering undergraduate program in Civil Engineering or related field.
- Must have a minimum average GPA of 3.0 in all engineering coursework

KNOWLEDGE, SKILLS AND ABILITIES

- Proficient with Microsoft Excel, Microsoft Word, Microsoft PowerPoint, Microsoft Outlook, and other basic office programs.
- General Knowledge of civil engineering principals and interest in water hydraulics and water resources.
- Excellent technical writing skills preferred, as well as good organizational, analytical, and data management skills.
- Good interpersonal and communication skills.
- Avid learner motivated to acquire new skills to work independently on assigned tasks.
- Work as part of a team.
- Attention to detail and desire to consistently produce high quality work products.
- Prioritize and organize various tasks.
- Drive a vehicle safely.

REQUIREMENTS

- Valid Driver's License
- Maintains a personal appearance appropriate for job position and image of Northern Water.

PHYSICAL REQUIREMENTS

- The position will involve primarily a professional office environment and periodic construction observation outdoors.
- Walk and climb stairs daily.
- Sustained operation of computer keyboard devices required.
- Sit, stand, walk, stoop, kneel, bend, etc., for extended periods.
- Lift, drag, or push boxes, paper, and documents weighing up to 25 pounds.
- Must be able to accomplish assigned work safely and adhere to quality standards.
- Properly utilize appropriate safety clothing/equipment and procedures.
- 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.
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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.