



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

Posted: 03/18/2025
By: JG
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By:

Water Resources Engineer (Engineer Level III)

Division/Department: Engineering Division/Water Resources Department
Reports to: Water Resources Department Manager
Location: Berthoud, CO
Type of Position: Full-time
Status: Exempt
Salary Range: \$109,460 - \$160,654

GENERAL STATEMENT

This position is responsible for developing project scope and budget for studies, designs, and project operations for small to moderate size projects.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Analyzes and evaluates engineering studies or designs and develops methods to complete studies with instruction on specific objectives.
- Writes reports or prepares specifications and drawings for projects.
- Leads department teams on specific subjects.
- Analyzes and evaluates engineering studies or designs and develops methods to complete studies with instruction on specific objectives.
- Performs moderate design tasks.
- Performs research and investigations.
- Designs and coordinates less complex planning, engineering, and operational projects.
- Serves as project engineer on complex projects and project manager on less complex projects.
- Presents and/or discusses complex issues with Northern Water's Board of Directors.
- Coordinates project scope, progress and budget on assigned projects.
- Performs investigations, calculations and sketches necessary to complete planning studies or to complete design of more complex projects.
- Manages consultants on more complex projects.
- Coordinates work of project staff.
- Reviews work of Engineer I and II.

OTHER DUTIES AND RESPONSIBILITIES

- Assigns and directs work of staff on assigned projects.

- Other engineering duties and support as assigned.

EDUCATION AND EXPERIENCE REQUIREMENTS

Education

- Bachelor's degree in civil engineering or related field. Master's degree desired.

Experience

- Minimum of five to 10 years' experience related to water resources engineering, planning, permitting, design oversight, and construction management.
- Demonstrated experience in the planning and implementation of water resources projects including engineering design and construction inspection, contract administration, and/or project management.
- Preference for formal training in, and demonstrated application of, a typical project management framework including scope development and execution, resource loaded critical path scheduling, cost and revenue development and control, and quality planning and management.

LICENSE, CERTIFICATE AND CREDENTIAL REQUIREMENTS

- Valid driver's license.
- Registered Professional Engineer (PE) in Colorado or able to obtain Colorado registration within one year.

KNOWLEDGE, SKILLS AND ABILITIES

Knowledge

- Advanced knowledge, experience and proficiency with computer operating systems, database/spreadsheet applications, word processing programs and Office.
- Familiar with ESRI ArcMap.
- Familiarity with water resources modeling software such as RiverWare, MODSIM and StateMod.

Skills

- Work across functional areas within the organization.
- Demonstrated good interpersonal skills and ability to work on teams.
- Communicate effectively with constituents and regulatory agencies.
- Experience supervising others.
- Excellent written and verbal communication.
- Public speaking.
- Report writing.

Abilities

- Able to understand complex engineering documents including engineering drawings and reports.

PHYSICAL REQUIREMENTS

- Must be capable of working both in an office setting and in the field.
- Balancing, using legs to stabilize self on uneven surfaces, ditch sides, concrete abutments, etc.
- Requires sustained operation of keyboard devices.
- Requires prolonged sitting, standing, and walking in performance of daily duties. Ability to 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.

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 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.