



Headquarters  
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<b>Title: Water Resource Engineer II</b>
<b>Department: Watershed Planning &amp; Design</b>
<b>FLSA Status:</b> Salaried, Exempt
<b>Status:</b> Regular full-time
<b>Reports to:</b> Department Head
<b>Effective Date:</b> 02/16/2023, Revision #N/A, Revision Date: N/A
<b>Employment Eligibility:</b> Must be legally authorized to work in the United States without sponsorship.
<b>Location:</b> This position can be hybrid or fully on-site at the Johnston or Coralville office. Remote and Hybrid roles must work in a location within the United States.

## Overview

The Water Resources Engineer II (PE) will support the Watershed Planning and Design team by developing and/or reviewing engineering plans, conducting modeling, producing technical reports, and assisting in the preparation of proposals. The WRE II will work closely with team members in performing assessments, developing preliminary designs, final plans, design specifications, and conducting hydraulic and hydrologic modeling for water resource projects. This position will also work closely with Department Heads and/or Senior Project Managers in preparing proposals, cost estimates, and client updates.

## Principal Duties and Responsibilities

The essential job duties and responsibilities include:

- Occasional field work, including the use of survey equipment, documentation, processing of collected field data, and construction inspection/administration.
- Technical writing including reports, proposals, regulatory permit applications, and construction monitoring reports.
- Perform hydrologic and hydraulic analyses for modeling and mapping floodplains and floodways of river corridors, urban drainage, stormwater infrastructure, green infrastructure, and other water quality practices.
- Oversee the planning, design, and construction of water resource projects.
- Support client and business development efforts by assisting with proposal preparation and attending and presenting at conferences.

## Required Qualifications

- Bachelor's degree in engineering, preferably environmental, biological systems, agricultural, civil, or water resources.
- Licensed Professional Engineer in Iowa.
- 5+ years of experience in water resources.
- Proficient in HEC-RAS and AutoCAD Civil3D.
- Proficient with Microsoft Office products, including Teams, SharePoint, Outlook, Word, and Excel.

## Preferred Qualifications

- Experience in designing projects that involve stream restoration, wetland restoration/creation, and green infrastructure projects.
- Familiarity with the Iowa Stormwater Management Manual.
- Master's degree in Water Resource Engineering.
- Experience using ArcPro.

## Physical/Environmental Requirements

- Prolonged periods of sitting at a desk and working on a computer.
- Must be able to lift up to 15 pounds, on occasion.
- Ability to work in a variety of weather conditions in outdoor environments.

## Leadership Responsibilities

- Mentor junior staff.

## Travel Requirements

- Minimal, less than 20%

## Other duties

Please note this job description is not designed to cover or contain a comprehensive listing of activities, duties, or responsibilities that are required of the employee for this job. Duties, responsibilities, and activities may change at any time with or without notice.

## Our Core Values

An effective **Water Resources Engineer II** will live the Impact7G mission of relentlessly working to help our clients and fellow staff achieve their objectives through professional services that foster sustainable decisions. Our Seventh-Generation philosophy activates informed decision-making for today's generation while considering the impacts on the environment and people of the future.

**Selfless Service:** Our staff are eager to help our clients and their colleagues at any moment, regardless of the task. The result is unmatched customer service.

**Meaningful Connections:** The story of Impact7G's growth revolves around a network of meaningful connections. We rely on strong partnerships to support our mission of providing long-term value to our clients.

**Exceed Expectations:** In an extremely competitive environment, meeting expectations is not enough. Our diverse team of environmental professionals deliver innovative approaches and proactive communication.

**Make an Impact:** We strive to make positive impacts within natural and built environments. We do this by developing future-focused solutions that consider the entire lifecycle of each project.

**Equal Opportunity Employment Statement**

Impact7G will consider all qualified applicants without regard to race, color, age, sex, sexual orientation, gender identity, religion, national origin, pregnancy, disability, military/veteran status, genetic information, or any other protected class, in accordance with applicable federal, state, and local laws.

We strongly encourage minorities, veterans, and individuals with disabilities to apply for openings with us.

Reasonable accommodations may be made to enable individuals with disabilities to perform these essential functions.

Employee signature below indicates the employee's understanding of the requirements, essential functions, and duties of the position.

Employee \_\_\_\_\_ Date \_\_\_\_\_