

For nearly a century, Jones & Henry has been a trusted provider of Fluid thinking to complex water and wastewater challenges. Join an engineering team that values providing excellence in engineering to our clients.

Job Title: Engineer – Hydraulics, Water and Sewer Modeling

Location: Position may operate out of one of the following offices:

Toledo, OH
Cincinnati, OH
Kalamazoo, MI
Fort Wayne, IN

What We Offer: Are you looking for an opportunity to excel as a critical member of a dynamic engineering team? Jones and Henry Engineers offers a unique opportunity to collaborate with fellow professionals that believe the work we do is important and care about the communities we serve and live in. From our 5 offices, our engineers interact with our clients to solve problems and implement practical solutions while maintaining high standards and providing quality service. Continuing education and advancement of skills are encouraged at every career level. Jones & Henry offers a robust profit-sharing program, educational reimbursement, and competitive health care benefits.

Job Summary: Jones & Henry is seeking a water hydraulics Engineer with experience in modeling sanitary, collection, water distribution and storm sewer networks. Experience with hydraulic analysis and modeling of wastewater and water treatment plants is encouraged. This position will utilize their professional experience and technical knowledge of hydraulics, water/wastewater collection planning and modeling, and distribution planning and modeling to develop innovative engineering-based solutions for active projects and support business development for new projects.

Responsibilities for this position include but are not limited to:

- Develop and apply hydraulic modeling for wastewater collection, water distribution, and stormwater networks to analyze and perform feasibility studies and master planning for collection system projects.
- Assist with hydraulic analysis and modeling of wastewater and water treatment plants.
- Experience with the following software: EPA SWMM, Bentley Water CAD/GEMS, EPANet and / or Bentley Sewer CAD/GEMS.
- Experience with Municipal Utility GIS Databases and related software packages such as ESRI products.
- Experience with the development of field studies including hydrant flow testing and sewer flow metering
- Exercises independent judgment on details of work and in making preliminary selections and adaptations of engineering alternatives.
- Produces technical reports and memorandums.
- Assists Business Development to identify and pursue new work.

- Ability to work in a team and individually while balancing tasks.
- Ensures project compliance with all Jones & Henry practices and quality and safety standards.
- Facilitates coordination for timely completion and submission of project deliverables.
- Engineer is expected to maintain and increase professional and technical knowledge by having regular participation with industry associations, attending workshops, making presentations, and reviewing professional publications.
- Collaboration with other engineering disciplines and creating estimates/proposals for new projects.

Some travel may be required between our 5 regional offices, job sites and client meetings.

Minimum Requirements:

5 or more years of Hydraulics and Modeling Engineer experience

Bachelor or master's degree in Civil Engineering or Environmental Engineering (or acceptable equivalent certification)

Engineer in Training (E.I.) Certificate

Preferred Qualifications:

Technical experience with other civil engineering design software packages is desirable.

Current Professional Engineer (P.E.) License or willingness to pursue registration in Ohio, Indiana, Michigan, and Kentucky.

Specialty: Hydraulics and Modeling for wastewater, water, and stormwater collection/distribution systems as well as hydraulic analysis and modeling of wastewater and water treatment plants.

Position Status: Full-Time

Minimum Physical Demands: Ability to travel to job sites and maneuver around project sites. Sitting, walking, bending, kneeling, climbing stairs, and occasional lifting and moving up to 25 pounds. Visual acuity to perform responsibilities.

Jones & Henry Engineers is an Equal Opportunity Employer.