MAURER-STUTZ
ENGINEERS SURVEYORS

Water-Wastewater Engineering Intern

ENTRY-LEVEL

POSITION DESCRIPTION

Maurer-Stutz, Inc. is seeking a Water-Wastewater Engineering Intern for Summer 2027 to work primarily in our Water-Wastewater Department and provide civil engineering assistance to other departments as determined by project workloads. As an intern, candidates will participate in the planning, design, and construction observation of urban and rural water distribution systems, wastewater pump stations, water and wastewater treatment facilities, EPA Capacity, Management, Operation and Maintenance (CMOM) studies and other significant water-wastewater and infrastructure projects.

EXAMPLES OF RECENT WATER-WATERWATER DESIGN PROJECTS:

- Water Main planning, design and construction observations for local public and private water utilities
- Major water treatment plant improvements
- Major wastewater treatment plant upgrades
- Wastewater planning studies for unsewered communities
- Design of a major wetland pump station and force main along the Illinois River
- Construction observation for the painting of several unique local water towers
- Sewage pumping stations with gravity sewers and force mains
- Septic and combined sewer system designs

WATER-WASTEWATER ENGINEERING INTERN RESPONSIBILITIES:

- Assist Water-Wastewater & Municipal Engineering Staff with calculations and drawings related to water main, sewer, pump station, force main, and treatment plant design projects
- Perform basic hydraulic analyses for open channel and closed conduit systems
- Perform site and roadway storm water calculations for runoff and detention facilities
- Assist with design of combined sewer overflow projects
- Assist in the preparation of site design drawings and specifications
- Assist in the preparation of permits for construction and environmental signoff
- Assist with construction administration and observation services

BASE REQUIREMENTS:

- Working towards a Bachelor's degree in Civil Engineering with appropriate water-wastewater engineering course work
- Basic familiarity with CAD Software (including AutoDesk AutoCAD and/or Civil3D, HydroCAD, Bentley Microstation etc.)
- Valid driver's license

DESIRED QUALIFICATIONS:

- Prior internship or work experience with Municipal, Water/Wastewater and/or Transportation Engineering Industry
- Participation in professional societies and/or campus extra-curricular activities
- Willingness to perform construction field observation assignments
- Familiarity with water distribution or treatment construction concepts and methods
- Strong organizational and communication skills (both verbal and written)
- Attention to detail and good problem-solving skills
- Good interpersonal skills

WHAT WE OFFER:

Competitive Compensation: This position offers an hourly rate ranging from $20 to $30 per hour.

To apply - send resume to **careers@mstutz.com**
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