



2021 Summer Internship Program

Welcome to the Evansville Water & Sewer Utility (EWSU) 2021 Summer Intern Program

We are very pleased to offer this opportunity to you as a college student. Our intern program is different than most other intern programs.

At the EWSU, you select the type of work you will complete based on your interests. It is not decided for you. This approach allows you to “build your own resume” from the dozens of choices as you approach the beginning of your professional career.

Below are some of the opportunities from our project managers for this summer. Each project is listed as a 3-, 6-, or 12-week commitment. The program is flexible, so pick the number of weeks of work that is most appealing to you. If you aren’t sure, we can place you in our area of greatest need.

To learn more about our internship program, search “EWSU Summer Internship Program” on YouTube.com. If you are interested, visit www.ewsu.com. Click **EWSU Internship Program**. Click **Apply Now!** Select **EWSU Intern**. Complete and Click **Submit**. Thanks, and we look forward to investing in your experiences.

Michael D. Labitzke, P.E.
Director, Program Management Office

Vertical Asset Data Collection and Condition Assessment (3 Weeks)

- Collect asset information and condition assessment at the water filtration plant and both sewer treatment plants
- Compile information for accurate life expectancies of the assets
- Determine current value of assets



Environmental Engineering/Biology/Chemistry (12 Weeks)

- Assist the wastewater superintendent within the sewer plant
- Participate in Waste-to-Energy projects at the plants
- Study microorganism populations in the biological wastewater treatment system
- Analyze scientific data and do quality control checks
- Monitor progress of Environmental Improvement Program



Sewer Rehabilitation, Sewer Installation, Inspections & Testing (3-12 Weeks)

- Monitor the contractors
- Document on a daily basis
- Record testing results
- Correct GIS mapping



Force Main Analysis (3 Weeks)

- Analyze and identify the existing sewer force mains
- Identify pressure ratings and availability of locating means
- Identify discharge points, lengths, the needs for additional locating aids
- Update library of associated O&M manuals



Surveying (12 Weeks)

Assist the surveyor with various projects from a boundary and topo survey, planning and executing a flying mission with the EWSU’s Inspire 2 UAV, and scanning a building or structure with our Terrestrial Scanner.

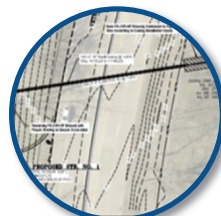
Architectural Interior Designer (12 Weeks)

Responsibilities include oversight of interior finishes for the new Sunrise Pump Station Laboratory and Public Spaces. Intern will be required to be familiar with the design plans, specifications, product submittals. Intern will also be engaged in the installation and inspection of furniture, appliances, and interior finishes.



Sewer Project Management (3 Weeks)

- Assist the EWSU PM with program management
- Project scoping
- Design and construction including coordinating, meeting with designers, scheduling, construction oversight including periodic field inspections, change management, and cash-flow management



Assessment of Completed Sewer and Water Projects (3 Weeks)

- Research project limits to determine assets within the system that need to be depreciated
- Determine asset amount for infrastructure installed, based on the final project cost
- Complete spreadsheet for tracking information

Sewer Lining Program – Candidate Research & Inspection Prioritizing (3 Weeks)

- Review and identify critical areas for rehabilitation efforts
- Mapping and video review
- Spreadsheet creation/analysis



Accounting (12 Weeks)

- Learn how to maintain the Utility’s capital asset accounting records
- Learn how to verify the Utility’s materials and supplies inventories
- Learn how the accounting cycle applies to Municipal Utilities
- Learn how to analyze the financial statements of Municipal Utilities

Multimedia Journalist (12 weeks)

- Write content for social media posts
- Research and write newsletter content
- Edit or assist in editing video projects
- Shoot video/capture images for multiple platforms

Major Facility Construction (6-12 Weeks)

- Be part of the construction team on one of two projects totaling \$80 million under construction next summer. Duties include contractor oversight, field measurement, and verification.

Occupational Safety and Health (12 Weeks)

- Applicant should possess a 30-hour OSHA Certification or greater
- Applicant should be familiar with Trench Safety, Aerial Safety, Hazardous Materials, Fire/Emergency Preparedness, Construction Safety, and OSHA Standards
- Assess all safety aspects of the Evansville Water and Sewer Utility construction projects
- Identify and document all observations, necessary controls, and related OSHA standards
- Provide a written Executive Summary at the conclusion of the intern period



Information Technology (IT) & Geographic Information System (GIS) (12 Weeks)

- Assist GIS Coordinator with map edits, field data collection, and report creation
- Assist with IT projects through all phases of the development lifecycle
- Assist IT Applications staff with SQL reporting, web application development, and system administration

**Come Apply to Join Our Team—
You Will be Glad You Did.**