



## **Job Posting**

### **Senior Gas/Water/Sewer (GWS) Engineer**

Lawrenceburg Utility Systems (LUS) is seeking to fill a full-time, non-exempt position for a Senior GWS Engineer to plan, design, and oversee the development of LUS gas, water, and sewer utility infrastructure, including transmission and distribution systems, treatment plants, pump/lift stations, and related facilities, in a safe, efficient, reliable, and cost-effective manner.

Interested applicants can view the complete job description and apply online by visiting our website at [www.lburgus.com](http://www.lburgus.com). Applications will be accepted until the position is filled. Salary commensurate with experience and will only be discussed in an interview. Excellent benefit package. Drug-Free Workplace. Drug testing is a condition of employment. EOE.



## Job Description

| Position Title:                           | Department:  | Reports To:            |
|-------------------------------------------|--------------|------------------------|
| Senior Gas/Water/<br>Sewer (GWS) Engineer | Engineering  | Engineering Supervisor |
| Employment Status:                        | FLSA Status: | Effective Date:        |
| Full-time                                 | Non-exempt   |                        |

### Job Summary:

Plan, design, and oversee the development of LUS gas, water, and sewer utility infrastructure, including transmission and distribution systems, treatment plants, pump/lift stations, and related facilities, in a safe, efficient, reliable, and cost-effective manner.

### Duties and Responsibilities:

- Meet with new and existing customers to determine gas, water, and/or sewer infrastructure requirements necessary to establish or enhance utility service(s) in compliance with applicable local, state, and federal regulations.
- Prepare/review/approve drawings, cost estimates, material lists, field sketches, staking sheets, and other documents for gas, water, and sewer projects.
- Conduct field surveys and layout assignments.
- Utilize GPS equipment and mapping software to aid in staking jobs and keeping maps up to date.
- Review completed designs and participate in the preparation and compilation of engineering calculations to produce a variety of charts, graphs, reports, and technical correspondence necessary for the completion of assigned projects.
- Review designs and specifications prepared by consulting engineers for accuracy, completeness, and engineering feasibility.
- Assist in the research/preparation/execution of grants, bid packets, and right-of-way deeds and easements as required for gas, water, and sewer projects.

- Analyze gas, water, and sewer distribution systems to ensure adequate capacity, reliability, and regulatory compliance.
- Review customer complaints, service issues, and system capacity concerns to determine appropriate corrective measures.
- Assist in forecasting system growth and evaluating capacity requirements for future infrastructure improvements.
- Coordinate operation and maintenance activities.
- Assist with pump/lift station maintenance activities, work order management, quality control efforts, and facility inspections.
- Assist in SCADA design, operation, and administration.
- Assist service crews in identifying and resolving leaks/outages by using the Outage Management System (OMS), Advanced Metering Infrastructure (AMI), and SCADA, etc.
- Respond to emergency situations affecting LUS infrastructure as required.
- Request utility locates to Tennessee 811, documenting and recording each request.
- Coordinates gas, water, and sewer department activities with other utility departments, contractors, government agencies, and municipal departments.
- Make field inspections required for the completion of design projects and to finalize as-builts.
- Complete other duties as assigned.

**Required Skills and/or Abilities:**

- Acknowledge and adhere to all of LUS' policies and procedures.
- Perform duties safely without endangering self, others, and the public.
- Ability to read, write, understand, and follow instructions and job-related materials.
- Ability to use mathematical skills to be able to add, subtract, multiply, and divide all units of measure.

- Ability to be organized, detail oriented, and handle multiple tasks.
- Ability to take responsibility for your own actions and treat others with respect.
- Attend work regularly and on time.
- Ability to work scheduled and non-scheduled overtime.
- Ability to follow all safety guidelines required by OSHA.
- Attend safety training and other meetings as scheduled.
- Ability to work inside and outside.
- Ability to be exposed to weather conditions that are cold, hot, rainy, and windy.

#### **Physical Requirements:**

- Ability to occasionally lift and/or move up to 50 pounds.
- Ability to use eyes, hands, and fingers to use technology devices accurately.
- Ability to sit and stand or sit at a desk for extended periods of time.
- Ability to stoop, kneel, and crouch for long periods of time.
- Ability to talk, see, hear, reach, handle, and feel.
- Ability to easily walk across undeveloped land that may be overgrown and contain rocky areas.

#### **Education, Experience, and Qualifications:**

- Bachelor's degree in Civil Engineering or Mechanical Engineering required.
- Valid State of Tennessee Driver's License required.
- State of Tennessee Professional Engineer (PE) license required.
- Minimum of 5 years relevant experience preferred. Previous internship experience with LUS to be considered as relevant work experience.