



West Knox Utility District

GIS Team Member

YOUR FUTURE BEGINS HERE!

WEST KNOX UTILITY DISTRICT HAS AN IMMEDIATE OPENING FOR A GIS TEAM MEMBER

DESCRIPTION

West Knox Utility District (WKUD) is a fast-growing water and sewer utility that serves the northwest portion of Knox County Tennessee. WKUD has a service area of 72 square miles, two water treatment plants, and a new wastewater treatment plant. WKUD currently serves more than 32,000 water and 26,000 sewer customers and is experiencing rapid growth.

Essential functions include:

- Assist Water and Wastewater GIS Manager as directed.
- Update the Water and Wastewater utility GIS features.
- Assist in the maintenance of GeoDatabases, SQL, and Access databases.
- Transfer data from aerial/drone photos, as-built drawings, legal descriptions, easements, survey drawings, GPS data, scans, and sketches from crewmen into GIS system.
- Develop custom maps and analytical maps as directed.
- Assist in performing extraction of spatial and non-spatial data.
- Use GPS equipment to locate and collect water and wastewater utility features.
- Large format scanning of documents and drawings in preparation for GIS system and archival purposes.
- Evaluate information and data from outside sources to determine data quality.

- Support asset management through a GIS-centric asset management system.
- Provide general technical assistance to other WKUD GIS users.
- Work with the public and other external entities to provide data in accordance with WKUD's policies and procedures.
- Perform other related duties as required.

Requirements

- Associate's Degree in GIS or related field, with at least 4 years GIS work experience. Bachelor's Degree in GIS or related field preferred. Equivalent work experience without a degree will be considered.
- Knowledge of the components of water and wastewater utility systems preferred.
- Knowledge of GIS concepts, processes, and techniques as they pertain to GIS layer editing, GIS data entry, GIS data importation/exportation, GIS data conversions, and GIS map generation.
- Knowledge of cartographic concepts and standards for generating maps
- The ability to read, understand, and work from aerial/drone photos, as-built drawings, legal descriptions, easements, survey drawings, GPS data, scans, and field sketches.
- Proficient using ESRI software products such as ArcMap and ArcGIS Pro.
- Proficient using ESRI Apps such as Explorer, Collector, Field Maps and Survey123.
- Proficient in Microsoft Access, Excel, and Word and experience using Adobe Pro
- Experience using GPS data collection equipment, methods and techniques
- Experience using AutoCad
- Experience using large format plotters and scanners
- Need to be self-motivated, very detail-oriented, and have the ability to solve problems

Compensation and Benefits

Salary will be determined based on experience. WKUD also offers a very competitive salary and benefits package.

Email resumes to hr@wkud.com.