

<b>POSITION TITLE:</b> GIS Specialist	<b>DEPARTMENT:</b> Engineering
<b>REPORTING RELATIONSHIP:</b> Operations Engineer	<b>SUPERVISES:</b> N/A
<b>FSLA EXEMPTION STATUS:</b> Non-Exempt	<b>UNION/NON-UNION:</b> Non-Union
<b>SAP LEVEL:</b>	<b>LATEST REVISION OF JOB DESCRIPTION:</b> 02/06/2024

**Definition:**

Under supervision, the GIS Specialist stores and interprets geospatial and geographic data. The position is responsible for performing the daily tasks and remedial work related to GIS at the Authority

**Examples of Work:**

- Design, develop and implement systems and databases for geospatial data.
- Standardize geographic data.
- Research and conduct tests on new tools.
- Perform geospatial modeling and spatial analysis.
- Review GIS data for accuracy.
- Build, update, and maintain database, GIS software, and hardware.
- Administer and troubleshoot applications and GIS solutions.

**Education/Skills Requirements:**

- Bachelor's degree in computer science, information technology, or a related field.
- Minimum of 2+ years experience having similar duties and responsibilities relating to GIS.

**Job Specific Requirements:**

- Proficiency with GIS desktop software and data management including ArcGIS Pro, ArcGIS Online, ArcGIS Enterprise and apps such as Field Maps, Collector, Web App Builder
- Develop and maintain applications with the ArcGIS Online and/or ArcGIS Enterprise configurations.
- Prior experience with migrating from ESRI's ArcMap to ArcGIS Pro applications and the Geometric Network data model to the Utility Network Model is a plus.
- Prior experience with local governmental operations and water, sewer and storm water utility systems is preferred.
- Excellent verbal and written communication skills and the ability to interface with field personnel is essential.
- Ability to effectively configure data.
- Knowledge of multiple programming languages.

**Work Environment:**

- Primary at desk in office with field work outside of office on occasion.

**Physical Requirements:**

- Ability to read, write, speak, understand, and communicate in English sufficiently to perform the duties of this position. American Sign Language or Braille may be also considered as acceptable forms of communication.
- Occasional sitting, reaching, bending, and stooping.
- Lifting, carrying, pushing, and pulling up to 30 pounds, with assistance if needed.