CAREER OPPORTUNITY

JOB TITLE: GIS Officer

REPORTS TO: Non-Revenue Water Manager

An exciting career opportunity exists within the **Non-Revenue Water Department** for the post of **GIS Officer.**

Key Responsibilities

- Collect and review spatial and tabular data from water, wastewater, customer services, and maintenance departments.
- Validate infrastructure records against field surveys, engineering drawings, NRW repair logs, and DMA connection authorizations.
- Conduct detailed geo-referencing of poles, landmarks, and structures, verifying location, type of construction, and equipment attached.
- Ensure integrity of asset data for digitization and integration into WASCO's GIS platform.
- Perform geodatabase queries, spatial analyses, and database management using geo-processing tools to support operational planning and NRW reduction.
- Tag and track assets including mains, service connections, valves, hydrants, reservoirs, manholes, pumping stations, and air valves.
- Support hydraulic modelling, DMA sectorization, and NRW baseline development through accurate GIS datasets.
- Integrate asset records with stock control SOPs and storage policies to ensure lifecycle traceability.
- Collaborate with IT and NRW Unit to integrate GIS with SCADA, billing, and customer service platforms.
- Prepare monthly GIS update reports highlighting asset mapping progress, data accuracy, and integration status.
- Train field crews on geo-referencing repairs and new connections using controlled forms/checklists.
- Any other duties assigned by the Head of Department.

Qualifications & Experience

- Bachelor's Degree in Geography, Geomatics, GIS, Environmental Engineering, or Urban Planning, plus 1-2 years experience in GIS data collection, mapping, and analysis, preferably in water/wastewater utilities, or;
- Associate's Degree in Geography, Geomatics, GIS, Environmental Engineering, or Urban Planning with 2-3 years experience in GIS data collection, mapping, and analysis, preferably in water/wastewater utilities;
- CAWASA I–II or equivalent modular certification in GIS/utility asset management;
- Proficiency in GIS software (ArcGIS/QGIS), CAD mapping, and asset tagging.
- Knowledge of water distribution and wastewater collection systems, including appurtenances (valves, hydrants, meters, manholes, pumping stations) will be an asset.
- Strong computer literacy, data visualization, and dashboard development skills.

Knowledge, skills and abilities

- Good communication and interpersonal skills.
- Ability to maintain **audit-ready records** for donor reporting (World Bank, CDB).
- Valid Class C Driver's License required for field inspections.
- Ability to move objects up to 50 pounds (e.g., paper cartons, digitizing tablets, manhole covers) during fieldwork.
- Basic knowledge of functioning of meters
- Plumbing skills
- Customer Relation Skills (internal and external)

Remuneration

This appointment is contractual. The compensation package is in accordance with the terms and conditions stipulated by the Water & Sewerage Company Inc.

Application Process

Submit your application cover letter, curriculum vitae, and references under confidential cover to: **hr@wascosaintlucia.com**

Deadline: Friday 13th November, 2026

Only shortlisted candidates will be contacted. Please note that meeting the minimum qualifications does not guarantee an interview. WASCO reserves the right to select candidates whose credentials and experience best align with the requirements of the position.

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