



CITY OF NEWPORT, RHODE ISLAND

CAREER OPPORTUNITY

Position Title:	UTILITIES GIS & FIELD SPECIALIST
Posting Date:	Wednesday, June 17, 2026
Closing Date:	Until Vacancy is Filled
Department:	Utilities
Brief Job Description: <i>(essential functions of the job)</i>	• Maintains the enterprise GIS of record for water, wastewater, and stormwater assets, including spatial and attribute data, schema compliance, and version management. • Establishes and enforces QA/QC standards for spatial accuracy, attribute completeness, and data lineage; maintains the Cityworks AMS integration to ensure asset identifiers, hierarchies, and service areas remain synchronized between GIS and AMS. • Administers data governance practices including metadata, change logs, backup verification, and retention aligned with the City records schedule. • Performs GNSS-based field verification of asset location, material, size, depth where accessible, and condition. • Coordinates with operations, engineering, and contractors to capture as-built conditions and reconcile discrepancies between record drawings and field conditions. • Supports CCTV inspection data management including spatial linkage of inspection results to collection system assets and defect coding review. • Maintains the lead service line inventory spatial dataset and material classification attributes in coordination with the Department's LCRR/LCRI program, including support for the Jacobs machine learning classification workstream and RIDOH submittals. • Maintains MS4 program spatial data including outfalls, catchments, IDDE investigations, and BMPs, and produces required annual report exhibits; supports Consent Decree CMOM reporting by providing spatial and tabular data on collection system condition, inspection coverage, and capital work. • Responds to APRA requests for mapping and geospatial data in coordination with the applicable staff, applying appropriate exemptions for security-sensitive infrastructure. • Produces maps, thematic layers, dashboards, and exhibits for engineering studies, capital improvement prioritization, rate cases, council presentations, and public communication. • Supports hydraulic modeling, condition assessment, and capital planning by preparing and validating spatial inputs. • Provides training and guidance to operations staff, engineering staff, and contractors on mobile GIS use, field data entry, and QA/QC expectations. • Serves as mapping and location data lead during emergency response events including main breaks, sewer overflows, and storm events. • Maintains documented procedures sufficient for continuity of GIS operations during absence of the Infrastructure Asset Manager.

Minimum Entrance Qualifications:	• Bachelor's degree in Geography, Geographic Information Systems, Engineering, Environmental Science, or a closely related field. An Associate's degree with four or more years of directly related experience may be accepted in lieu of a Bachelor's degree. • Minimum of three years of progressively responsible GIS experience, including at least one year involving utility or public infrastructure data. • Valid Rhode Island driver's license at time of hire and throughout employment. • OSHA 10 Hour General Industry or Construction certification within six months of hire. • Confined space awareness training (29 CFR 1910.146) within six months of hire. Rhode Island work zone traffic control training within six months of hire. • GISP certification or GNSS equipment manufacturer certification preferred. • Working knowledge of water distribution, sanitary sewer collection, and stormwater drainage system components. • Working knowledge of federal and state drinking water, wastewater, and stormwater regulatory frameworks. • Knowledge of GIS enterprise data governance, metadata standards, and records retention requirements. • Ability to read and interpret engineering drawings, as-built plans, and utility record drawings. • Ability to adapt to changing field conditions and operational priorities. • Skill in producing professional-quality maps, dashboards, and exhibits for technical and public audiences.
Pay and Hours Per Week Executive Pay Grade: S05 Min. Salary: \$64,890/year Max. Salary: \$92,700/year FULL BENEFIT PACKAGE OFFERED Hours per week: 40 FLSA Status: Exempt	Submit resume and/or completed application to: Director of Human Resources City Hall – 43 Broadway Newport, Rhode Island 02840 hr@newportri.gov
<i>An Equal Opportunity and Affirmative Action Employer</i> APPLICATIONS ARE ACCEPTED DURING THE POSTING PERIOD INDICATED OR AS THE NEED EXISTS FOR THE POSITION CURRENTLY VACANT. APPLICATIONS ARE AVAILABLE IN THE HUMAN RESOURCES OFFICE AND ALSO ON THE INTERNET WHERE IT CAN BE DOWNLOADED AND PRINTED. THE CITY RESERVES THE RIGHT TO NOT CONSIDER APPLICATIONS THAT ARE RECEIVED UNSIGNED, INCOMPLETE, RECEIVED AFTER THE CLOSING DATE OR POST-MARKED AFTER THE CLOSING DATE. www.newportri.gov/jobs Tel: (401) 845-5393 Fax (401) 845-9364 / 401-425-0021	