

We are always looking for talented, energetic, and hard-working employees that want to serve their community

Company name: [Capital Region Water](#)

Title of position: CAD Technician

Position type: [Full Time](#), [Exempt](#)

Location: Harrisburg, PA

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Description of responsibilities:

The CAD Technician creates, modifies, and updates technical drawings and models based on the specifications and instructions of engineers for CRW's infrastructure projects to support the Engineering Department. The position is responsible for planning and design utilizing Computer Aided Design software for CRW's Capital Improvement Projects consisting of stormwater utilities, water and wastewater linear utilities, and site development projects.

- Prepare and revise Capital Improvement Project (CIP) utility plan sets, including civil site plans, grading plans, and utility profiles using AutoCAD, Civil 3D, and related design software
- Develop and modify engineering drawings and layouts from sketches, markups, field data, and project requirements while ensuring compliance with organizational and industry drafting standards
- Maintain organized digital drawing files, documentation, and version control records
- Collaborate with engineers and project teams to support project design, specifications, reporting, and overall project coordination
- Review completed work for accuracy, dimensions, and material requirements and assist with related project management tasks

Required experience:

- Minimum of five (5) years of experience in CAD drafting, civil design, surveying, construction, or a related field
- Experience using AutoCAD and/or Civil 3D
- Experience preparing civil engineering plan sets and technical drawings
- Experience supporting infrastructure or utility-related projects preferred
- Experience with ArcGIS Pro preferred
- Experience with Revit software a plus

Required skills:

- Basic knowledge of design and project management principles related to drinking water, wastewater, stormwater infrastructure and street restoration.
- Knowledge of construction administration and management principles
- Ability to read and interpret survey data, standard specifications and details
- Strong attention to detail and accuracy
- Ability to manage multiple projects and deadlines
- Strong organizational, communication, and problem-solving skills
- Ability to collaborate effectively with project teams and stakeholders
- Proficiency in Microsoft Office Suite and PDF-XChanger Editor

Required Education:

- Associate's degree in CAD, Surveying, Construction, or related field from an accredited institution or acceptable equivalent education

How to apply: [Careers - Capital Region Water](#)

For information on Capital Region Water, including more information on employee benefits and our company culture, visit our website at [Home - Capital Region Water](#)

*Capital Region Water is an Equal Opportunity Employer, and all qualified applicants will receive consideration for employment without regard to race, color, religion, age, sex, national origin, disability status, genetics, protected veteran status, sexual orientation, gender identity or expression, or any other characteristic protected by federal, state or local laws.*

*Capital Region Water actively promotes a diverse and drug-free workplace.*