

**Open to the Public
As of July 25, 2018**

Water Resources Engineer 1 - Stormwater

Primary Function

Performs professional work supporting the development, implementation, and maintenance of processes to ensure continued compliance with local, state, and federal clean water regulations and advancement of the City's green infrastructure program. Work is performed under the regular supervision of the Stormwater Program Manager. Supervision may be exercised over appropriate personnel.

Work Hours

Monday – Friday; 8:30 AM – 5:00 PM

Training and Experience

- Graduation from High School or completion of a GED is required.
- Graduation from an accredited college or university with a Bachelor degree with a major in civil engineering, environmental engineering, engineering technology, water resources, environmental pollution control or a related field.

Licenses and Certificates

- Possession of a valid Pennsylvania State Driver's License is required.
- Pennsylvania Licensed Engineer-in-Training is preferred.

Comments

- Requires operation of a motor vehicle.
- Requires occasional lifting up to 20 lbs of force.
- This description was prepared to indicate the kinds of activities and levels of work difficulty required of positions in this class. It is not intended as a complete list of specific duties and responsibilities.

Salary: \$45,804.67 - \$64,126.53, dependent upon qualifications

Full-Time; Excellent City benefit package

Applications will be accepted until the position is filled.

The City Job Application and full job description are available at www.cityoflanasterpa.com/city-job-listings

The City of Lancaster is an Equal Opportunity Employer

**City of Lancaster
Job Description**



Job Title:	Water Resources Engineer 1 (formerly Sustainability Planner 1)	Job Code:	2190
Department:	Public Works	FLSA:	Exempt
Job Grade:	1012 – Non-Bargaining	Effective Date:	3/15/15
Reports To:	Stormwater Program Manager	Revision Dates:	7/2018

Primary Function

Performs professional work supporting the development, implementation, and maintenance of processes to ensure continued compliance with local, state, and federal clean water regulations and advancement of the City's green infrastructure program. Work is performed under the regular supervision of the Stormwater Program Manager. Supervision may be exercised over appropriate personnel.

Principle Duties & Responsibilities

- Follows safe practices in the performance of duties.
- Regular, reliable attendance necessary.
- Assists with Public Works planning activities and programs related to water resource management.
- Analyzes and interprets data from traffic modeling software, geographic information systems, or associated databases.
- Produce environmental documents, such as environmental assessments or environmental impact statements.
- Reviews development plans including site plans, subdivision plats, rezoning and special use permits for compliance with applicable water resource regulations.
- Develops and implements strategies for ongoing performance of stormwater programs.
- Prepares compliance reports pursuant to provisions of the City's Consent Decree and Clean Water Act permit obligations.
- Evaluates, revises, and implements regulatory programming pursuant to the City's Municipal Separate Storm Sewer System (MS4) permit.
- Assist with development of design drawings and specifications for City projects.
- Assist with obtaining environmental permits for City projects.
- Assist in planning green infrastructure and capital improvements.
- Assists in evaluating need for ordinance amendments or revisions.
- Assists with management of Public Works programs related to sustainability, water quality, stormwater management, and other environmental compliance programs.
- Assists and directs field and crew supervisors with inspections of stormwater and green infrastructure projects, both public and private improvements, to ensure compliance with engineering standards and record-keeping pursuant to regulatory requirements.
- Assists the Stormwater Program Manager with the appeals and credit/rebate system in the Stormwater Management Fee Program.
- Analyzes and interprets data from tree canopy modeling software, geographic information systems, or associated databases to evaluate and quantify environmental benefits of green infrastructure initiatives city wide.
- Provides community outreach and education in stormwater management, sustainability, conservation, and other environmental programs.
- Researches and prepares appropriate grant applications, manages grant programs.
- Performs additional tasks as required.

Position Qualifications

Knowledge, Skills and Abilities

- Knowledge of safe practices related to Public Works.
- Knowledge of civil and/or environmental engineering practices related to urban stormwater management, green infrastructure, drainage, conveyance, hydrology, and integrated water resource plan implementation.
- Knowledge and familiarity with the effective use of computers, equipment and software, including Microsoft Office, ArcGIS, AutoCAD, and water quality models.
- Knowledge of municipal stormwater management regulations, planning strategies, and methodologies.
- Skills in reading and understanding survey mapping, hydraulic and hydrologic calculations, and engineered site plans.
- Basic knowledge of PENNDOT, PADEP and PA DCNR policies, programs and regulations.
- Knowledge of arithmetic, algebra, geometry, statistics, and their applications.

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- Knowledge of business and management principles involved in strategic planning, resource allocation, group dynamic exercises and community outreach.
- Knowledge of the practical application of stormwater management and sustainability practices.
- Proven ability to follow directions and complete assignments is required.
- Proven ability to read, write, speak and comprehend English is required.
- Ability to operate a vehicle on private and public streets is required.
- Proven ability to work as part of a team and to collaborate successfully with others is required.
- Proven ability to adapt to new or changed situations and to show flexibility in making improvements in work processes and operations is required.
- Proven ability to exhibit customer-centered behaviors and to focus on customer needs is required.
- Proven ability to commit to excellence in service and to continuous improvement is required.

Education, Training and Experience

- Graduation from High School or completion of a GED is required.
- Graduation from an accredited college or university with a Bachelor degree with a major in civil engineering, environmental engineering, engineering technology, water resources, environmental pollution control or a related field.

Licenses and Certificates

- Possession of a valid Pennsylvania State Driver's License is required.
- Pennsylvania Licensed Engineer-in-Training is preferred.

Environmental Conditions

- Duties are performed primarily in an office setting with some field work required.
- Requires occasional walk over rough terrain and the ability to travel among various work sites.

Safety Equipment Used or Needed

- None.

Comments

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