



Debra McCarty, Water Commissioner

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DATA ANALYSIS & PLANNING INTERNSHIP OPPORTUNITY

Since 2006, the City of Philadelphia's Stormwater Regulations – administered by Philadelphia Water - have guided private development disturbing more than 15,000 square feet of earth in managing stormwater on-site. In accordance with these regulations, applicants submit conceptual stormwater management plans through the Existing Resources and Site Analysis (ERSA) application for review and approval. Over the past ten years, Philadelphia Water has recognized the importance of early considerations for stormwater in maximizing implementation and is interested in promoting these considerations prior to the formal submission of an ERSA. In order to leverage early interventions with development projects, the Data Analysis & Planning (DA&P) group has created a predictive model that identifies the likelihood of "outlier" developments in the City. These "outliers" are defined as development that disturbs more than 15 acres of earth, and represent critical stormwater management opportunities.

RESPONSIBILITIES

The summer intern will work with PWD to update data inputs, refine assumptions and improve the existing model. Much of this effort is self-directed, but will include interactions with multiple units within the department. The intern will be responsible for accurately documenting methodologies, data sources and procedures for running and maintaining the model. Activities will include the use of the Stormwater Plan Review Database, development of methodologies, evaluation and analysis of available datasets, internal memoranda, peer city research and drafting of policy language.

QUALIFICATIONS

- Spatial analysis (GIS) experience is required and statistical analysis (MS Excel) experience is preferred. Strong writing and analytical skills desired.
- Applicants should be familiar with and have a basic understanding of environmental planning and/or land use issues.
- Applicants should be enrolled in a graduate program for city planning or related field.
- Familiarity with relational databases and policy development is preferred.
- Applicants should have experience in a professional office environment and possess the ability to think critically and analytically.

COMPENSATION

This is a paid internship opportunity, with the ability to accrue civil service longevity credit should the candidate pursue further employment with the City of Philadelphia.

HOW TO APPLY

Interested applicants should send a cover letter and resume to:
Megan O'Leary, Megan.OLeary@phila.gov.

Deadline: Wednesday, April 12, 2017.