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DEPT OF ENVIRONMENT PROTECTION  
Job Posting Notice

Job Details

<b>Job ID:</b>	270964	<b># of Positions:</b>	1	
<b>Business Title:</b>	Water Quality Analyst			
<b>Civil Service Title:</b>	CITY RESEARCH SCIENTIST	<b>Title Code No:</b>	21744	<b>Level:</b> 02
<b>Title Classification:</b>	Non-Competitive			
<b>Job Category:</b>	Engineering, Architecture, & Planning, Policy, Research & Analysis			
<b>Career Level:</b>	Experienced (non-manager)	<b>Proposed Salary Range:</b>	\$ 70,286.00 - \$ 88,213.00 (Annual)	
<b>Work Location:</b>	59-17 Junction Blvd Corona Ny			
<b>Division/Work Unit:</b>	Environmental Planning Support			

Job Description

The NYC Department of Environmental Protection (DEP) protects public health and the environment by supplying clean drinking water, collecting and treating wastewater, and reducing air, noise, and hazardous materials pollution. DEP is the largest combined municipal water and wastewater utility in the country, with nearly 5,500 employees. We deliver 1.1 billion gallons of high quality drinking water per day to 8.3 million New York City residents and more than 1 million people in Upstate New York, and we collect and treat an average of 1.3 billion gallons of wastewater per day.

The Bureau of Environmental Planning and Analysis (BEPA) is seeking to hire a City Research Scientist II to work as a Water Quality Analyst within the Watershed Planning & Modeling unit. Under general supervision of the Director of Water Resources Modeling, with wide latitude to exercise independent judgment and initiative, the selected candidate will be responsible for assisting in development of a monitoring and assessment plan for the Stormwater Management Program, as required by the MS4 permit, and water quality data analysis. The Department collects a vast amount of water quality monitoring data under harbor survey programs, sentinel monitoring and long term control plan synoptic water quality sampling efforts. The Water Quality Analyst will be responsible for analyzing the existing data and developing a monitoring and assessment plan for the MS4 permit. S/he will also conduct quantitative assessments to evaluate the monitoring stations and monitoring data under the existing programs to streamline and achieve multiple program goals. In addition, s/he will provide technical support on implications of other water quality regulatory efforts such as Long Island Sound Nitrogen TMDL and EPA's ambient water quality criteria for coliphage.

Stormwater programs and analyses are used by the Department for many purposes including stormwater and wastewater infrastructure planning including green infrastructure, policy development and updates, and other programs with the overall aim to improve harbor water quality. As such, the Water Quality Analyst will work with a diverse group of professionals from different bureaus within the Department, and external stakeholders. In addition, s/he assists in formulating experimental designs, policies, procedures, monitoring, data collection, and plans for existing and new stormwater and natural resource management programs and projects.

The ideal candidate is proficient in water quality statistical analysis including but not limited to spatiotemporal analyses, seasonal trends, multivariate analyses and other statistical models to evaluate site-specific impacts and is keenly aware of applicable scientific information and innovations in the industry which may affect management of urban stormwater, water quality, and/or natural resources, and coordinates and shares this information with other Department divisions, bureaus or offices, as well as other agencies, departments or public or private groups.

Minimum Qual Requirements

1. For Assignment Level I (only physical, biological and environmental sciences and public health) A master's degree from an accredited college or university with a specialization in an appropriate field of physical, biological or environmental science or in public health. To be appointed to Assignment Level II and above, candidates must have:
  1. A doctorate degree from an accredited college or university with specialization in an appropriate field of physical, biological, environmental or social science and one year of full-time experience in a responsible supervisory, administrative or research capacity in the appropriate field of specialization; or
  2. A master's degree from an accredited college or university with specialization in an appropriate field of physical, biological, environmental or social science and three years of responsible full-time research experience in the appropriate field of specialization; or
  3. Education and/or experience which is equivalent to "1" or "2" above. However, all candidates must have at least a master's degree in an appropriate field of specialization and at least two years of experience described in "2" above. Two years as a City Research Scientist Level I can be substituted for the experience required in "1" and "2" above.

NOTE:

Probationary Period  
Appointments to this position are subject to a minimum probationary period of one year.

Preferred Skills

The candidate must demonstrate experience in developing and implementing stormwater management monitoring and assessment programs and plans, and policies such as development and/or implementation of MS4 programs and local policies, codes and regulations. S/he must also demonstrate the ability to connect technical data to policy level needs. Proficiency in ArcGIS, and SPSS, SAS, or other statistical analysis packages, is required.

Candidate should have the ability to analyze and interpret environmental data, maps, manage projects including scheduling of work assignments and prioritization of various Department projects to ensure department goals are met within established timelines; review and advise work products; provide guidance on technical projects; and comply with Department policies and procedures.

The ideal candidate will have a professional demeanor; be detail oriented; possess strong organizational, marketing, and financial skills; have the ability to manage multiple projects and priorities in fast-paced environment, and be a dedicated team player.

Additional Information

DEP is an equal opportunity employer with a strong commitment to the diversity of our organization and workforce. Your voluntary response to the NYCAPS on-line application section for referral information will assist us tremendously in our ability to track the success of our outreach and recruitment efforts. Please be sure to indicate your source of referral to this job.

As indicated in the above statement, our goal is to encourage all applicants to complete the referral section. The information obtained will greatly assist the Diversity Task Force in achieving its goals.

Appointments are subject to OMB approval. For additional information about DEP, visit [www.nyc.gov/dep](http://www.nyc.gov/dep).

To Apply

To apply click "Apply Now"

Residency Requirement

New York City residency is generally required within 90 days of appointment. However, City Employees in certain titles who have worked for the City for 2 continuous years may also be eligible to reside in Nassau, Suffolk, Putnam, Westchester, Rockland, or Orange County. To determine if the residency requirement applies to you, please discuss with the agency representative at the time of interview.

POSTING DATE: 11/07/2016

POST UNTIL: Until Filled

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