

U.S. Environmental Protection Agency (EPA) Waste Water Engineer or Scientist

Excellent Career Opportunity for an Engineer or Scientist PRELIMINARY VACANCY ANNOUNCEMENT (4/15/09)

A minimum of a Bachelor's Degree required

If you care about the environment and like to work with people to protect it, then this is the job for you. During 2009, New England EPA anticipates posting a vacancy for a self motivated, government engineer or physical scientist. If selected, you will investigate and write assessments and permit requirements for EPA to use in regulating the discharge of pollution to streams, lakes, and marine waters under the federal National Pollutant Discharge Elimination System (NPDES). The NPDES program is one of the most direct and effective tools the United States uses to reduce water pollution and protect aquatic habitats. At New England EPA you will be among the front line professionals directly responsible for determining permit limits, required practices, and allowable pollutant loads based on water quality standards, available technologies, storm water management practices, and professional judgment.

If selected, you will be applying your knowledge and skills to develop and write permits and the supporting technical and regulatory rationales. In doing this, you will be working with a team of specialists. You will collaborate with other agencies, the permittee, and various interest groups. You will apply Clean Water Act regulations, guidance and best professional engineering and scientific judgment to determine appropriate, defensible permit requirements; calculate effluent limits; develop monitoring and reporting requirements; ensure the permittee's information and NPDES requirements are addressed; assess the availability and feasibility of technologies and best management practices; and informally negotiate permit requirements with the permittee and interested parties. Key aspects of this job are the assessment of storm water impacts the evaluation of engineering, regulatory, and construction measures to prevent or minimize storm water impacts.

The ideal candidate should be an engineer or physical scientist familiar with the engineering and science of waste water pollution problems and solutions. Candidates should have the ability to perform, describe and support quantitative analyses. Candidates should have a college degree in engineering or science with knowledge of quantitative methods and sciences such as water chemistry, hydrology, and modeling. Work experience and technical writing in these areas, engineering cost estimating, and/or implementing environmental regulations are desirable. The candidate should have the ability to work on teams; the ability to communicate effectively orally and in writing; and the resourcefulness to find and use relevant documents, information, and guidance.

The position starts at the GS-7 (\$41,505) or GS-9 (\$50,769) level, with the excellent potential for a salary growth to a GS-12 level (salary range of \$73,623 to \$95,705). The location is at the EPA New England Office in Boston, MA. The position will be open to all candidates. EPA New England values a diverse work force. If interested in receiving a vacancy announcement when this position opens up for a limited time, please send a resume and cover letter by mail or E-mail to:

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