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Massachusetts

MassCareers Job Opportunities

ALERT

Effective January 25, 2024, Executive Order #627 cements the Commonwealth's well-established practice of skills-based hiring, paving the way to a more equitable hiring process. The Commonwealth is committed to ensuring a diverse and inclusive workplace where all employees feel respected, valued, and empowered to serve our citizens. Join us today!

Job Description

Environmental Analyst II - (2500031L)

Description

Who We Are:

The Executive Office of Energy and Environmental Affairs (EEA) seeks to protect, preserve, and enhance Massachusetts' environmental resources and create a clean energy future for all residents. Through the stewardship of open spaces, the protection of environmental resources, and the advancement of clean energy, EEA works tirelessly to make Massachusetts a wonderful place to live, work, and raise a family. Our commitment to environmental justice ensures that every resident, regardless of background or location, can live in a safe, clean environment and shares equally in the benefits of the clean energy transition.

The Massachusetts Department of Environmental Protection (MassDEP) is the state agency responsible for ensuring clean air, land, and water. Our work impacts every aspect of people's lives and is critical to the health and wellbeing of our residents and visitors. MassDEP is the lead agency for safe management of toxics and hazardous materials, promotion of waste reduction and recycling, preservation of the state's wetlands and coastal resources, air quality monitoring and pollution reduction, and so much more.

Who We Are as an Employer:

At EEA, we create meaningful, inclusive opportunities that empower our employees to make a real difference in shaping the environmental future of Massachusetts. We foster a workplace culture where diversity is valued,

innovation is encouraged, and collaboration thrives. Our employees play a vital role in advancing sustainability, environmental justice, and clean energy solutions, ensuring a positive and lasting impact on Massachusetts and its residents.

Description:

The Massachusetts Department of Environmental Protection (MassDEP) is the state agency responsible for ensuring clean air and water, the safe management of toxics and hazards, the recycling of solid and hazardous wastes, the timely cleanup of hazardous waste sites and spills, the preservation of wetlands and coastal resources and commits to address Environmental Justice and equity for all people of the Commonwealth.

MassDEP seeks applicants for the position of Environmental Analyst II (EA II). The position is assigned to the Western Regional Office (WERO) Drinking Water Program (DWP), located in Springfield, MA serving 106 communities.

Under the supervision of an employee of higher grade, the EA II assists in the implementation of the MA Drinking Water Regulations and the Safe Drinking Water Act with emphasis in the following areas:

- Conducting Sanitary Surveys or other inspections of public water systems evaluating the technical, managerial and financial operations of public water supplies and to recommend actions.
- Writing inspection reports, correspondence, conducting associated data entry and following up on corrective actions.
- Reviewing and analyzing drinking water chemical addition systems and other treatment systems.
- Reviewing source development, source protection and water withdrawals.
- Assisting public water systems with troubleshooting problems as public water systems.
- Reviewing and evaluating water quality monitoring data reported by public water systems.
- Assist in gathering information regarding the compliance with regulations to support enforcement cases for public water systems associated with violations discovered during inspections or in review of water quality monitoring data.
- Providing technical assistance to public water systems, municipal officials and general public.
- Implementing MassDEP Drinking Water Program, Regional and Federal Initiatives.
- Analyzing and providing data to maintain MassDEP's database systems as appropriate.
- Drinking Water Section record maintenance and tracking of Drinking Water Section accomplishments
- Tracking and ensuring compliance with requirements of enforcement documents, permit and inspection approvals for public water systems.
- Application of drinking water requirements to situations at public water systems to determine compliance
- In addition to the primary focus on water duties this position may, depending upon the skills of the applicant and needs of MassDEP, occasionally be assigned to perform duties related to wastewater or other program functions.
- Performance of these duties requires the professional environmental analytical work of substantial difficulty and importance with some latitude for self-directed actions and decision, requiring independent judgment and skill.

Preferred Qualifications:

- Public Water System Operator Licenses or the knowledge to obtain such (treatment and/or distribution).
- Proficiency in Spanish/bilingual.
- Developing, maintaining, and performing quality assurance/quality control for computer databases and spreadsheets, including Microsoft Office platforms

- such as Access, Excel. And Power BI
- Familiarity with analytical laboratory processes, including sample preparation and analysis.
 - With Public Water System operations, drinking water system design and drinking water treatment system design and operation.
 - Demonstrated knowledge of the principles and practices of environmental science and public health, including knowledge of the Drinking Water Regulations (MGL c. 111, §5G and §160 and 310 CMR 22.00) and associated guidance and policy documents.
 - Experience with the operation of Public Water Systems.
 - Experience with the design, permitting or oversight of Public Water Systems.
 - Licenses as a Public Water System Operator – preferably Treatment and Distribution System licenses.
 - Knowledge of applicable laws, regulations, and practices pertaining to the protection of drinking water, the environment, and public health.
 - Knowledge and experience with environmental sciences/engineering as it relates to drinking water.
 - Knowledge or experience with water systems, treatment systems, equipment controls and technologies.
 - Experience conducting scientific studies and preparing reports in such areas as contamination migration, hydrology, hydrogeology.
 - Knowledge of the principles of hydrology including hydrologic cycle, groundwater flow, gradient, contaminant migration, recharge, discharge and hydraulic properties of aquifers such as conductivity and transmissivity.
 - Knowledge and experience in the design or scoping of drinking water facilities.
 - Knowledge and experience with water quality monitoring and water treatment technologies.
 - Experience reviewing and evaluating technical aspects of permit applications.
 - Knowledge and understanding of current water conservation technologies for Public Water Systems and users.
 - Familiarity with water quality sampling and laboratory practices.
 - Experience implementing Massachusetts General Laws and regulations.
 - Experience reviewing and translating technical report results into permit conditions.
 - Knowledge of the methods of general and technical report writing.
 - Ability to express ideas clearly both orally and in writing.
 - Experience in dealing with the public and public officials.
 - Experience with word processing, spreadsheets, and familiarity with ACCESS and EXCEL.

The selected candidate must be able to:

- Wear and utilize safety equipment.
- Climb stairs and ladders.
- Negotiate uneven terrain, catwalks and heights.
- Lift up to 40 pounds.
- Valid driver's license.

Please submit a cover letter and resume expressing your interest in this position as part of the application process. These documents must be specifically attached to the requisition for which you are applying.

Qualifications

First consideration will be given to those applicants that apply within the first 14 days.

MINIMUM ENTRANCE REQUIREMENTS:

Applicants must have at least (A) three years of full-time, or equivalent part-time, technical or professional experience in the field of environmental science, biology, chemistry, earth science, environmental health, meteorology, natural science,

toxicology or public health, of which (B) at least one year must have been in a professional capacity, or (C) any equivalent combination of the required experience and the following substitutions.

Substitutions:

I. An Associate's degree with a major in the field of environmental science, biology, chemistry, earth science, environmental health, meteorology, natural science, toxicology or public health may be substituted for a maximum of one year of the required (A) experience.*

II. A Bachelor's degree with a major in the field of environmental science, biology, chemistry, earth science, environmental health, meteorology, natural science, toxicology or public health may be substituted for a maximum of two years of the required (A) experience.*

III. A Graduate degree with a major in environmental science, biology, chemistry, earth science, environmental health, meteorology, natural science, toxicology or public health may be substituted for the required experience.*

*Education toward such a degree will be prorated on the basis of the proportion of the requirements actually completed.

Comprehensive Benefits

When you embark on a career with the Commonwealth, you are offered an outstanding suite of employee benefits that add to the overall value of your compensation package. We take pride in providing a work experience that supports you, your loved ones, and your future.

Want the specifics? [Explore our Employee Benefits and Rewards!](#)

An Equal Opportunity / Affirmative Action Employer. Females, minorities, veterans, and persons with disabilities are strongly encouraged to apply.

The Commonwealth is an Equal Opportunity Employer and does not discriminate on the basis of race, religion, color, sex, gender identity or expression, sexual orientation, age, disability, national origin, veteran status, or any other basis covered by appropriate law. Research suggests that qualified women, Black, Indigenous, and Persons of Color (BIPOC) may self-select out of opportunities if they don't meet 100% of the job requirements. We encourage individuals who believe they have the skills necessary to thrive to apply for this role.

Official Title: Environmental Analyst II

Primary Location United States-Massachusetts-Springfield-436 Dwight

Job Science

Agency Department of Environmental Protection

Schedule Full-time

Shift Day

Posting Date Mar 25, 2025

Number of Openings 2

Salary 69,435.08 - 101,725.00 Yearly

If you have Diversity, Affirmative Action or Equal Employment Opportunity questions or need a Reasonable Accommodation, please contact Diversity

Officer / ADA Coordinator: Chris Mendez - 6178727730

Bargaining Unit: 09-MOSES - Engineers/Scientists

Confidential: No

Potentially Eligible for a Hybrid Work Schedule: Yes

