



An Official website of the Commonwealth of 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 Engineer III – Drinking Water - (250001SE) 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.

Position Summary:

MassDEP seeks applicants for the position of Environmental Engineer III (EE III) – Drinking Water. The position is assigned to the Western Regional Office (WERO) Bureau of Water Resources (BWR), Drinking Water Program (DWP), located in Springfield, Massachusetts. Under the primary supervision of the DWP Section Chief within the BWR– WERO, and an EE IV, the EE III assists in carrying out the responsibility of the unit. The primary role/responsibility of this position will be regional Engineering work in the DWP. The EE III duties will include but not be limited to the following:

- Review permit applications for DWP new source approval and treatment systems, e.g. filtration, disinfection, pilot studies, contaminant removal, chemical addition, etc. Review includes ensuring regulatory compliance with water quality standards and simultaneous compliance with all other water quality/treatment requirements;
- Conduct inspections of PWS facilities and source water areas ensuring compliance with statute and regulations;
- Prepare enforcement cases and follow through on enforcement when noncompliance is identified through inspections and or water quality data review;
- Provide technical assistance to Public Water Systems (PWSs), consultants and others in connection with treatment technologies and treatment systems;
- Track, document and provide to the data manager, permits, complaints, inspections, enforcement, and follow-up information regarding milestone compliance;
- Participate in drafting and developing public education, public notice and training materials to assist public water suppliers, Boards of Health, etc.;
- Respond to and assist with Drinking Water Emergencies; and
- Perform all duties necessary to administer all statutes and regulations related to drinking water, including the regulations at 310 CMR 22.00.

Performance of these duties requires the professional environmental analytical work of substantial difficulty and importance with some latitude for self-directed and/or unreviewed action and decision, requiring independent judgment and skill.

The selected candidate must have demonstrated experience:

- Public Water System operations, water system/water treatment design.
- Developing, maintaining, and performing quality assurance/quality control for data review/management and working knowledge of Microsoft Office software such as Access, Excel, Power BI, etc.
- Familiarity with analytical laboratory processes, including sample preparation and analysis.

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.
- Possession of a valid driver's license is required.

Preferred qualifications and experience:

- 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. Preferred skills include the following:
- Registered Professional Engineer.
- Experience with the operation of Public Water Systems.
- Experience evaluating, operating and/or designing systems for the treatment and distribution of drinking water.
- Experience with controls and equipment technology, ideally water system equipment
- 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 engineering as it relates to drinking water, particularly the design of drinking water facilities.
- 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 MS Office Suite or similar - word processing, spreadsheets, and familiarity with data bases and data management systems.

A cover letter and resume expressing your interest in this position must be submitted as part of the application process.

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) four years of full-time, or equivalent part-time, technical or professional experience in the field of environmental engineering, civil engineering, sanitary engineering, mechanical engineering, chemical engineering or public health engineering and (B) of which at least two years must have been in a professional capacity, or (C) any equivalent combination of the required experience and the substitutions below.

Substitutions:

I. An Associate's degree with a major in civil engineering or civil engineering technology may be substituted for a maximum of one year of the required (A) experience.*

II. A Bachelor's degree with a major in environmental engineering, civil engineering, civil engineering technology, sanitary engineering, mechanical engineering, chemical engineering or public health engineering may be substituted for a maximum of two years of the required (A) experience.*

III. A Graduate degree with a major in environmental engineering, civil engineering, sanitary engineering, mechanical engineering, chemical engineering or public health engineering may be substituted for a maximum of three years of the required (A) experience and one year of the required (B) experience.*

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

NOTE: Educational substitutions will only be permitted for a maximum of one year of the required (B) experience.

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 Engineer III

Primary Location United States-Massachusetts-Springfield-436 Dwight

Job Engineering

Agency Department of Environmental Protection

Schedule Full-time

Shift Day

Posting Date Mar 18, 2025

Number of Openings 1

Salary 76,383.84 - 111,817.16 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, DEI Manager - 6178727730

Bargaining Unit: 09-MOSES - Engineers/Scientists

Confidential: No

Potentially Eligible for a Hybrid Work Schedule: Yes