

220009MK – Environmental Engineer III – Worcester

MassDEP's mission is to protect and enhance the Commonwealth's natural resources - air, water, and land - to provide for the health, safety, and welfare of all people, and to ensure a clean and safe environment for future generations. In carrying out this mission MassDEP commits to address and advance environmental justice and equity for all people of the Commonwealth, provide meaningful, inclusive opportunities for people to participate in agency decisions that affect their lives; and ensure a diverse workforce that reflects the communities we serve.

MassDEP seeks applicants for the position of Environmental Engineer III within the Bureau of Water Resources (BWR), Drinking Water Program (DWP). The BWR DWP program is charged with regional implementation of the Massachusetts Drinking Water Regulations and the Federal Safe Drinking Water Act to ensure the protection of public health.

This position will be based in MassDEP's Central Regional Office (CERO), Worcester, MA and will be responsible for permitting, technical assistance, compliance and enforcement with regards to public water systems in Massachusetts. This position also performs sanitary surveys at public water systems (both registered and unregistered) to determine compliance with the Drinking Water Regulations, generates reports and enforcement and ensures that public water systems return to compliance. This position also provides technical assistance to the public and the regulated community. MassDEP's Central Regional Office serves 77 cities and towns situated in central Massachusetts.

Working at MassDEP is a great opportunity to do meaningful work that helps reduce the impacts of climate change and air pollution for all people of the Commonwealth now and for future generations. MassDEP personnel are remarkably talented, dedicated, enthusiastic, and supportive.

Duties for the position include:

1. Reviews complex engineering plans and reports involving a high degree of difficulty and complexity. Meets with designer to discuss deficiencies and to explain Department regulations, policies and design guidelines. Issues permits related to reviews.
2. Conducts reviews of operator reports for conformance with proper operating practices and meets with permittee to discuss deficiencies.
3. Conducts inspections of Public Water Systems (PWS), including Water Treatment Systems, Storage tanks, and collection and conveyance system for compliance with proper operation practices and permit requirements. Prepares detailed inspection reports based on comprehensive field notes.
4. Conducts field investigations to gather evidence in a manner suitable for use in enforcement proceedings. Coordinate preparation of formal actions, which establish appropriate actions to be taken to abate violations of Department regulations and permit requirements.

5. Provides technical assistance to the general public, municipal officials, and consulting firms which shall include conducting meetings, teleconferences and written correspondence.
6. Maintains appropriate databases and MassDEP records in accordance with set procedures.
7. Serve on appointed workgroups to draft new policies or protocols.
8. Communicates routinely with supervisor.
9. Perform other duties as required.

Preferred qualifications at hire:

- Ability to evaluate engineering plans and studies and to analyze and determine the applicability of environmental data, draw conclusions and make appropriate recommendations.
- Knowledge of the principals of civil and environmental engineering as these relate to water collection, storage, conveyance and treatment systems.
- Knowledge of Department regulations, policies, guidance and procedure relating to Water treatment and distribution. Also Knowledge of relevant federal regulations pertaining to this field.
- General knowledge of sampling procedures.
- Ability to express complex ideas clearly and concisely, and to explain concepts in a logical sequence.
- Ability to represent the Department in a professional manner at inspections, public meetings and formal enforcement proceedings.
- Ability to walk on uneven terrain to conduct inspections of PWS.
- Ability to use Microsoft Word, Excel, Outlook and GIS or other similar computer programs.
- Possession of a valid Massachusetts driver's license or equivalent is required

Qualifications - External

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!](#)

Executive Order #595: As a condition of employment, successful applicants will be required to have received COVID-19 vaccination or an approved exemption as of their start date. Details relating to demonstrating compliance with this requirement will be provided to applicants selected for employment. Applicants who receive an offer of employment who can provide documentation that the vaccine is medically contraindicated or who object to vaccination due to a sincerely held religious belief may make a request for exemption.

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.