

BATHING BEACH SAMPLER/ANALYST **SEASONAL (SUMMER) POSITION**

Definition:

Professional and technical work providing comprehensive sampling and analytical techniques to assess water quality at bathing beaches.

Supervision:

Works under the administrative direction of the Director of the Department of Health & Environment, Laboratory Director, Bacteriologist and senior Environmental Division staff.

Performs responsible duties requiring the exercise of judgment and initiative.

Job Environment:

The position is seasonal for the summer months and is performed outside the office up to three-quarters of the time. There is exposure to outdoor weather conditions and there is a small risk of exposure to noxious fumes and loud noises, and to pathogenic substances; some work is conducted in a typical office setting. Occasional weekend work is also required. Work is generally stable; some work demands may require immediate attention; demands for services may be unpredictable. Much travel time may also be necessary.

Operates computer, standard office machines, hand tools, light equipment, light truck and automobile. May use equipment such as water sampling equipment, dissolved oxygen meter, conductivity meter, pH and temperature meters, and bacteriological testing and sterilization equipment.

Makes frequent contact with local health officials, the public, and may have contact with state and federal regulatory officials; contact is usually in person or by telephone.

Errors could result in delay or loss of program services, or adversely affect public and environmental health.

Essential Functions:

The essential functions or duties listed below are intended only as illustrations of the various types of work that may be performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position.

Incumbents may have areas of specialty assignment; the following is a composite of the essential functions identified by position incumbents.

The position is to primarily collect surface water samples from salt and fresh water public and semi-public bathing beaches according to Massachusetts Department of Public Health regulations. Assists laboratory staff with the analysis of water samples for bacteriological or inorganic chemical parameters according to Massachusetts and Federal standard method recommendations.

May assist senior staff with monitoring ground water wells near landfills and waste sites; monitoring soil vapors around landfills and underground storage tanks; monitoring innovative

septic systems; assist with hazardous material audits; and assist with other projects which may come into the department.

Writes monthly status reports, file and record analytical reports, may attend meetings of local boards of health; may assist in data management of laboratory results, and may assist senior staff with report preparation.

*Barnstable County
Department of Health & Environment
Bathing Beach Sampler / Analyst
Page 1 of 2*

Recommended Minimum Qualifications:

Education and Experience:

Associate's degree or at least two years of courses in Bachelor's degree program in environmental public health or related field; additional experience in specialty areas may be advantageous; or an equivalent combination of education and experience.

Special Requirements:

Valid Motor Vehicle Operator's License.

Knowledge, Ability and Skill:

Knowledge:

Thorough knowledge of public health environmental laws, rules and regulations. Knowledge of inspection and enforcement processes. Knowledge of the *Massachusetts Department of Public Health Bathing Beach Code* is essential.

Ability:

Ability to interact well with professionals and the general public. Ability to communicate effectively both orally and in writing. Ability to use a computer.

Skill:

Excellent oral and written communication skills.

Physical Requirements:

Moderate physical effort required when performing field work with constant exposure to outdoor weather conditions; may have to walk and climb in rough terrain; must be able to swim in unexpected situations; constantly required to walk, talk, listen and hear. Minimal physical effort required to perform office duties; may occasionally be required to lift up to 30 pounds. Must also be able to drive to various locations to conduct inspections and attend meetings.

This job description does not constitute an agreement between the employer and employee, and is

subject to change by the employer, as the needs of the employer and requirements of the job change.

*Barnstable County
Department of Health & Environment
Bathing Beach Sampler / Analyst
Page 2 of 2*