Title: Septic System Test Center Operator  
Classification: Barnstable County

Department: Health and Environment  
Grade: N/A $27 per hour, 100% Grant Funded

Reports to: MASSTC Director  
FLSA Status: Non-Exempt

Effective Date: August 2020  
Union Status: Non-represented

Summary

Professional, scientific, and technical work in connection with the operation of the Massachusetts Alternative Septic System Test Center (MASSTC); all other related work as required.

Supervision

Works under the supervision of the MASSTC Director. Performs varied responsible professional, scientific, and technical duties requiring considerable judgment and adhering to standard methods and accepted practice.

Work is performed independently, with specific assignments given; all results are subject to review and unusual cases are discussed with supervisor.

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.

Operates and maintains all wastewater conveyance and treatment infrastructure. This includes but is not limited to maintenance of lift station pumps, bar screens, distribution pumps and manifolds, discharge pumps and pipes, aeration pumps, auto samplers, manual sampling equipment, electronic sensors, data loggers, and computer controllers.

Conducts sampling of both treated and untreated wastewater according to Standard Operating Procedures, including both composite and grab samples. Reads and interprets sample analysis results. Enters sampling result data into computer software spreadsheets and databases.

Operates and maintains field measurement equipment according to Standard Operating Procedures.

Operates and maintains all tools and equipment, including but not limited to lawn mowers, weed trimmers, backhoe, saws, power tools, manual hand tools, and digging tools.

Maintains MASSTC grounds including but not limited to lawns, general landscaping, and security fencing. Maintains buildings, including but not limited to minor repairs, cleaning, weatherizing, and painting.

Records operational data on required control sheets and validates historical data to ensure proper operation of equipment.
Occasionally delivers samples to various testing laboratories when required, completing and maintaining Chain of Custody forms.

Performs similar or related work as required, directed or the situation dictates.

**Recommended Minimum Qualifications**

**Education and Experience**

Bachelor’s Degree in engineering, biology or other natural science required; three years of wastewater treatment plant operation experience or an equivalent combination of education and experience.

**Certifications**

Valid driver’s license required

Minimum Grade 4 Massachusetts Wastewater Treatment Plant Operator License (currently held or able to obtain within six months of hire)

OSHA 10 (currently held or able to obtain within six months of hire)

**Knowledge**

Must have general knowledge of electrical controllers, pumps, motors, and other electrical devices. Knowledge and understanding of various wastewater treatment processes.

**Ability**

Ability to identify and troubleshoot problems. Ability to maintain a clean and organized work environment. Ability to communicate effectively both orally and in writing. Ability to complete tasks and assignments in a timely and efficient manner.

**Skill**

Skill in operation, maintenance, and repair of various types of equipment.

**Job Environment**

Work is performed both indoors and outdoors during all types of weather. Risk of exposure to loud noise, carcinogens, explosives, flammables, caustics, corrosives, and pathogenic organisms. Work is generally stable, but there are often fluctuations based on specific projects or seasonal demand; may be required to work evenings and weekends.

Operates computers, standard office machines, hand tools, power tools, landscaping equipment, and field measurement instrumentation.

Errors could result in injury to self and others, damage to facilities, damage to client property, significant loss of revenue and impacting of the public trust. Internal procedures are not always able to detect errors in test results.
BARNSTABLE COUNTY JOB DESCRIPTION

Physical Requirements

The physical demands described are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Position requires the use of hands almost continuously; may be required to lift objects weighing up to 50 pounds. The employee is frequently required to talk, listen, sit, and stand for long periods. Position requires employee to work in hot, cold, and inclement weather.

This job description does not constitute an employment 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.

Equal Opportunity/Americans with Disabilities Act Employer