



Stormwater, Wastewater and Soil Science Intern

Type of Recruitment: Casual Seasonal (Summer Intern)

Pay: \$18.50 per hour

Agency: DNREC Division of Water / Commercial and Government Services

Employment Term: Full-time / 12 Weeks

Location(s): Richardson and Robbins Building
89 Kings Hwy SW, Dover, DE 19901

Introduction

The **Delaware Department of Natural Resources and Environmental Control** protects and manages the state's natural resources, protects public health, provides outdoor recreational opportunities and educates Delawareans about the environment. The intern is part of the DNREC Division of Water's Commercial and Government Services Section. For more information, visit the website at dnrec.delaware.gov and connect with @DelawareDNREC on Facebook, Instagram, X (formerly known as Twitter) or LinkedIn. For more information, visit the website at <https://dnrec.delaware.gov/water/commercial-government>.

Summary Statement

The candidate selected for this opportunity will work alongside experienced DNREC Environmental Scientists and Engineers on stormwater, wastewater and soil science permitting and compliance activities.

Stormwater Element - the intern will learn how to interact in a professional office setting and participate in real-world experiences that relate to researching stormwater management capabilities of municipalities, industrial facilities and agricultural farm operations to assess water quality protections. Office activities include reviewing stormwater management plans, developing

educational pollution prevention outreach materials and assisting with stormwater permit applications. Field verification of stormwater management capabilities will also be a work component.

Wastewater and Soils Science Element – the intern will gain hands-on experience on the assessment of land application of treated wastewater and biosolids to soils and groundwater. Both are intended to manage or control discharges of pollutants to Delaware’s water resources. The candidate selected will review permit applications, soil investigations and review hydrologic data to determine feasibility of treatment systems and land application practices. Field trips to land application and wastewater treatment sites for assessing conditions will also be a work component.

Overall, interning with DNREC can provide a rewarding experience, offering valuable skills, knowledge, and connections that can benefit interns both personally and professionally.

Job Duties

Key Stormwater Responsibilities:

- Work with a Division of Water Environmental Scientist to review stormwater management plans and reports.
- Develop stormwater pollution prevention education and outreach materials for municipalities.
- Conduct field visits with program inspectors to learn about stormwater best management practices and how to conduct inspections.
- Research and develop summaries for special projects.
- Present findings to DNREC program staff.

Key Wastewater and Soil Science Responsibilities:

- Work with Division of Water Soil Scientists and Engineers to evaluate permit applications for wastewater treatment facilities and land application of treated wastewater.

- Participate in site evaluations of land applications of treated wastewater.
- Update and analyze soil and groundwater data to determine baselines and nutrient concentration trends.
- Correspond with project engineers and construction project managers.
- Participate in site inspections of wastewater treatment facilities and land application sites.

Job Requirements

Applicants must have education, training and/or experience demonstrating competence in each of the following areas:

- Must be a current college student in or recent college graduate of an Environmental Science/Services/Engineering program.
- Strong writing and communication skills.
- Must have a valid driver's license.

Additional Posting Information

- The position is flexible as to start date and is for a maximum 12-week term.
- The position will not exceed 37.5 hours per week, with a regular schedule of 7.5 hours and lunch allowance.
- This position will have statewide responsibilities which require travel throughout the State. The State of Delaware provides transportation services to State agencies.
- The intern will work at the office located at R&R Building, 89 Kings Hwy, Dover. Additional hours will be in the field.
- Casual/Seasonal Employees are not eligible for state plan benefits.

Condition of Hire

As a condition of hire, applicants must possess a valid driver's license (not suspended, revoked or canceled, or disqualified from driving).

Applicants must be legally authorized to work in the United States. DNREC does not provide sponsorship for holders of H-1 B Visas.

The State of Delaware Executive Branch participates in the Federal E-Verify system. The State will provide the federal government with each new hire's Form I-9 information to confirm that they are authorized to work in the U.S. For more information refer to our job seeker resources.

Selection Process

The application and supplemental questionnaire are evaluated based upon a rating of education, training and experience as they relate to the job requirements of the position. It is essential that applicants provide complete and accurate information on their application and the supplemental questionnaire to include dates of employment, job title and job duties. For education and training, list the name of educational providers, training course titles and a summary of course content. Narrative information supplied in response to the questions must be supported by the information supplied on the application including employment, education and training history as it relates to the job requirements.

Once an application has been submitted, all future correspondence related to the application will be sent via email. Please keep contact information current.

Accommodations

Accommodations are available for applicants with disabilities in all phases of the application and employment process. To request an auxiliary aid or service, call 302-739-5458. TDD users should call the Delaware Relay Service Number 800-232-5460 for assistance.

The State of Delaware is an Equal Opportunity employer and values a diverse workforce. We strongly encourage and seek out a workforce representative of Delaware including race, color, religion, age, sex, national origin, disability

status, genetics, protected veteran status, sexual orientation, gender identity or expression.