

Full Job Description

Stormwater Field Intern (Summer 2024)

Office Location: 2 Route 164, Patterson, New York 12563

About Us

The East of Hudson Watershed Corporation (EOHWC) is a local, non-profit development corporation established by the municipalities in Northern Westchester, Putnam, and Dutchess Counties in the New York City Watershed. Our goal is to install stormwater retrofit projects to meet the requirements for phosphorus reduction defined by the New York State Department of Environmental Conservation (NYSDEC). The Corporation is working in conjunction with the NYSDEC and New York City Department of Environmental Protection (NYCDEP) to further Stormwater MS4 quality projects in the Croton and Kensico Reservoir Basins.

Learn more about our work and the history of the watershed via our website!

<https://eohwc.org/education-and-outreach/>

The **Stormwater Field Intern** will have the opportunity to hone their skills as an engineer or scientist through repeated exposure to site plans, stormwater retrofit projects, and ArcGIS mapping.

Responsibilities

As the Stormwater Field Intern, you will be responsible for the following tasks:

- Locate and map stormwater structures within project drainage areas
- Perform stormwater inspections per NYSDEC standards across the East of Hudson Watershed
- Photograph, document and maintain operation and maintenance records for each inspected project
- Utilize and analyze project site plans for inspections
- Assist in investigations of new stormwater retrofit projects within the watershed
- Attend meetings with Executive Committee, stakeholders, and contractors
- Perform other duties as needed

Qualifications

- Enrolled in program working towards a degree in Environmental Science, Environmental Engineering, Civil Engineering, or related
- Proficient in Microsoft Office and Adobe Acrobat Pro
- Familiarity with ArcGIS Pro, ArcGIS Online, FieldMaps and Survey123 is a plus
- Attention to detail
- Possess a legal Driver's License & personal vehicle

East of Hudson Watershed Corporation is an Equal Employment Opportunity Employer

Compensation is \$20/hr. Applicant will be required to use their personal vehicle and will be re-imbursed at a rate of \$0.67/mile traveled. Expected schedule is 24 hours per week for 12 weeks. Our office is open from 8:00 – 5:00. Days and hours worked is flexible.

Please submit resume, cover letter and current transcript to **Cory@EOHWC.org** with subject line ***“Summer 2023 Stormwater Field Intern Application”***.

SOFIA HARRISON

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<https://www.linkedin.com/in/sofia-harrison-06b727255>

EDUCATION

University of New Hampshire (UNH), Durham, NH
*Bachelor of Science in Environmental Conservation and Sustainability
& Bachelor of Arts in French*

Expected: **May 2026**
GPA: **3.44**

- **Honors:** UNH Honors Program
 - **Awards:** 1 of 8 recipients of SUEZ / NAWC Scholarship 2022
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RELEVANT COURSEWORK

Contemporary Conservation Issues

- Highlights the impacts of technology and human activity on our environment and natural resources.
- Explores the Earth's systems – the hydrosphere, biosphere, cryosphere, atmosphere, and geosphere – and human relationships with these systems through the lenses of environmental justice, natural resource economics, governance, communication, and ethics.

Introductory Biology: Evolution, Biodiversity, & Ecology

- Observes the relationship between form and function and how biological structures and systems have evolved to perform particular functions.
 - Applies lecture material to using the process of science in the laboratory: design experiments to test hypotheses, and interpret data tables, graphs, and model output to make claims about hypotheses.
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SKILLS

Languages: French (Upper Intermediate)

Technical Skills: Microsoft Excel (Basic), Canva

ADDITIONAL EXPERIENCE AND ACTIVITIES

Michaels Stores Inc., Brewster, NY **September 2020 – January 2023**
Cashier, Sales Floor Associate, Replenishment Team Member

- Handle money quickly and efficiently, multitasking.
 - Provide customers with knowledgeable and kind assistance, make sales floor look as visually appealing as possible.
 - Unload the weekly delivery as efficiently as possible, working as a collaborative team.
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VOLUNTEERING

UNH World Language Day 2022 **November 16, 2022**

- Spoke to local New Hampshire high school students interested in studying language in college. Played games with them to test their knowledge of French and cooperated in some group activities.