



Internship Title: Environmental Data Analyst

Internship Site: Vermont Department of Environmental Conservation – 1 National Life Drive, Montpelier VT

Description: The Waste Management and Prevention Division has vast amounts of chemical (mostly per and poly fluoroalkyl substances (PFAS)) and geologic data from site work in Bennington, Vermont. Hundreds of private water supplies have been contaminated in this community. The State Team that is working on this problem has accumulated sampling data, groundwater, drinking water, soils, sludge, and related to a number of PFAS compounds and need assistance in organizing, evaluating this data to better understand the site and to determine who is responsible for this contamination. This position entails organizing and evaluating data to better be able to access the data and understand what it means. Work includes computer work to organize data in datasets, including geospatial reference, perform forensic evaluation of these data, and help determine the source of the contamination to assist the residents in Bennington. Most work will be office work on a computer, but could also entail some meetings and field work in Bennington. Independent work is expected, most of which will be performed in DEC offices, although some remote working is possible.

Desired qualifications/skills/coursework: Areas of study include Natural Resources/Geology/Engineering – computer skills in Excel/Word or acceptable alternatives – understanding of statistics/data evaluation.

Supervision: This position will be supervised by Richard Spiese, Environmental Analyst, Waste Management and Prevention Division.

Start and End Dates: January 1 to May 15, but dates are negotiable.

Total Hours: 10-20 hours/week during semester

Compensation: \$12.28/hour.

How to apply: Submit a resume, cover letter and an academic reference (professor name and contact information) by November 27, 2017 to carey.hengstenberg@vermont.gov