



## **Monika Ingalls, E.I.**

*Engineer I*

*Joined TCE in 2021*

### **Education**

B.S. Civil Engineering 2018  
*Minor in Environmental Engineering*  
*Wentworth Institute of Technology*

### **Certifications**

Engineer Intern  
*State of Vermont #017.0134185*

Occupational Safety and Health  
Administration (OSHA) 10-Hour

### **Professional Affiliations**

Green Mountain Water  
Environment Association  
(GMWEA)

Society of Women Engineers (SWE)

### **Work History**

Hoyle, Tanner & Associates, Inc.  
Environmental Engineer  
*Burlington, VT 2019-2021*

Lombardo Associates, Inc.  
Engineering Intern  
*Newton, MA 2017*

Monika is an Engineer at Trudell Consulting Engineers who provides support to the engineering team. Her project work includes feasibility studies for 3-acre sites, stormwater annual inspections, stormwater design and permitting, and AutoCAD drafting. From previous work, she brings with her experience in ArcGIS, construction observation, and stormwater design.

Monika is from Burlington, VT and returned after graduating from Wentworth Institute of Technology in Boston, MA, where she majored in civil engineering and minored in environmental engineering. In her free time, she enjoys spending time with her family and her dogs, as well as reading horror novels.

### *Recent Project Experience*

**Public-Private Partnership, VT** Monika worked alongside the lead engineer to develop sketch drafts of stormwater systems for various sites throughout Vermont. She calculated the required size for each system and drafted the approximate size and location for each design. She also developed preliminary cost estimates for the proposed stormwater systems to provide to the property owners.

**Construction Observation, Burlington, VT -** Monika completed project oversight for the construction of a pump station in Burlington, VT. She was the point of contact between the contractor and the engineer for the project and provided technical answers to various questions. She also coordinated with the City to schedule work for the contractor and communicated any issues that arose during construction. She completed daily field reports to record the construction process and took photos of the work as it progressed.

### *Key Skills*

- AutoCAD Civil 3D and Carlson Drafting
- ArcGIS
- HydroCAD
- Stormwater Design
- Construction Observation