



**Jessica Knowles, EIT | Senior Scientist**  
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www.3tieralaska.com



## EDUCATION

Syracuse University B.S. – Environmental Engineering  
Syracuse, New York (2012)

## REPRESENTATIVE EXPERIENCE

### **Senior Scientist - 3-Tier Alaska** (formerly Travis Peterson Environmental Consulting)

Responsible for managing the 3-Tier Alaska Fairbanks Environmental Consulting Group. Duties include project and client management, proposal preparation, and project work.

### **Staff Engineer** –Travis Peterson Environmental Consulting & 3-Tier Alaska

Responsibilities include project management and proposal preparation. Contaminated site work including planning, field work, environmental media sampling, and reporting. Data quality assurance and quality control evaluation for laboratory data. Plan writing including Storm Water Pollution Prevention Plans, Erosion and Sediment Control Plans, Phase I Environmental Site Assessments, Environmental Protection Plans, Sampling and Analysis Plans, and Quality Assurance Project Plans. Assisting in Army Corps of Engineers wetland permitting.

### **Environmental Technician** – Travis Peterson Environmental Consulting

Assisted in writing Storm Water Pollution Prevention Plans, Erosion and Sediment Control Plans, Phase I Environmental Site Assessments, Environmental Protection Plans, and Sampling and Analysis Plans, conducting field screening, and a variety of other projects and duties within the company.

## CERTIFICATIONS

Alaska Safety Alliance	<i>Alaska Certified Erosion &amp; Sediment Control Lead (#ASA-23-0048)</i>
American Red Cross	<i>Adult First Aid / CPR AED, 2/2023</i>
Satori Group, Inc.	<i>HAZWOPER 40-hr, Initial: 3/2011, 6/2019, Refreshed 3/2024</i>
United States Army Corps of Engineers	<i>Construction Quality Management for Contractors, POA-04-24-10040</i>
Engineer-in-Training Designation	<i>2008</i>

## EMPLOYMENT RECORD

2024 – Present	3-Tier Alaska (Senior Scientist)
2012 - 2024	Travis Peterson Environmental Consulting & 3-Tier Alaska (Staff Engineer)
2010-2011 (Seasonal)	Travis Peterson Environmental Consulting (Environmental Technician)