

Spencer MacKnight | Project Manager, EIT, GIT

11 Morris Drive Suite 200, Dartmouth, NS B3B 1M2

902-401-7725

spencer.macknight@efiglobal.com

Professional Summary:



Spencer MacKnight is a Project Manager with EFI Global, having joined the company in April 2022, specializing in environmental and geotechnical projects such as spill response, dust sampling, groundwater and soil sampling, well development, and decommissioning wells. Prior to joining EFI, Spencer worked as a Materials and Environmental EIT with Wood (formerly Amec Foster Wheeler) and spent time working in Nova Scotia, Labrador and Northern Quebec gaining considerable experience in construction monitoring and field inspections, while preparing reports for granular and asphalt construction. Spencer has been practicing for 4 years as a joint engineer- and geologist-in-training.

Project Experience:

Spill/Emergency Response

- Coordination of environmental remediations for spills/losses of petroleum related to motor vehicle accidents and damage to residential properties. Projects are primarily related to trucking with budgets having not exceeded \$100,000.00.

Dust Sampling

- Site investigation to determine the cause of mortar dust contamination on garments of clothing in a men's clothing/suit store. Collection of dust samples from clothing articles to analyze for components identified in the composition of ceramic tile with potential concerns for health and contamination of clothing.

Environmental Remediation

- Worked on the 5 Wing CFB Happy Valley-Goose Bay environmental remediation project becoming proficient in collecting groundwater and soil samples, interpreting groundwater data, developing and decommissioning monitoring wells, and completed fluid level monitoring at numerous locations.
- Developed monitoring wells and collected groundwater data via sampling and fluid level monitoring at the closed Selbaie Cu-Zn Mine in Northern Quebec.

Granular Aggregate & Asphalt Construction

- QA/QC on numerous construction sites involving the placement of granular aggregates and asphalt for the construction of roads and highways, bridges, and box- and cross-culverts.
- Collection of aggregate samples from construction sites and/or quarries/pits and lab analysis to determine moisture-density relationships (Proctor) and gradation analysis.

Certifications/Registrations/Licenses:

Certificate of Training Transport of Dangerous Goods (Class 7 TDG), 2019
Workplace Hazardous Materials Information System (WHMIS) Training, 2018
Standard First Aid/CPR/AED Level A, 2021
Mould & Moisture Awareness Certificate, 2022
Asbestos Abatement Certificate, 2022
Sedgwick Occupational Health and Safety Awareness for Workers Training, 2022
Sedgwick Workplace Violence and Harassment Training, 2022
Sedgwick Fire Safety and Prevention Program, 2022

Education:

University of New Brunswick, B.Sc. Geological Engineering (2018)