

Ryan Sneek | Forensic Engineer
P.Eng.

46 Jackson Street East, Hamilton, ON L8N 1L1

905 414 3145

Ryan.Sneek@efiglobal.com

Professional Summary:



Ryan Sneek, P.Eng. joined the Forensic Engineering team at EFI Global Canada in July 2021, as a Forensic Engineer. Prior to joining EFI Global Canada, Mr. Sneek worked as a Forensic Engineer, project manager, structural designer, and environmental consultant in various capacities throughout Ontario.

In a forensic engineering setting, Mr. Sneek has worked in structural, environmental, and geotechnical projects (building, property and subgrade assessments). This rounded experience coupled with his skills in technical design allows for Mr. Sneek to provide in depth consultation for insurance claims for quick resolution. As a forensic expert, he conducted investigations on a variety of failures and prepared expert reports to identify the cause of damage/failure/contamination and determine its extent. Mr. Sneek has provided smoke migration consultation on residential/commercial/industrial buildings. Also, Mr. Sneek has provided litigation support in various cases across Ontario.

Licenses and Certification:

- Professional licensed member at Professional Engineers Ontario (PEO)
- Certified forensic microscopist at McCrone Research Institute
- Certified x-ray fluorescence operator – Level 1 with Natural Resources Canada

Training:

- Phase I – Environmental Site Assessment at Association of Environmental Site Assessors of Canada (AESAC)
- Environmental Site Assessment and Remediation at Educational Program Innovations Center (EPIC)
- Geotechnical site assessment and design at Educational Program Innovations Center (EPIC)
- Indoor air quality training with EMSL Analytical Inc.
- Mould Indoors & Sampling Methods with Sporometrics Inc.
- On-site sewage systems design training (2006) with Municipal Affairs and Housing (MAH)

Project Experience:

Restoration and Repair Planning: Provided multiple restoration, shoring, repair, rehabilitation, and strengthening plans/designs for damaged structures and property.

Code Compliance: Review of buildings with respect to historical compliance to codes and standards. Design of building components for compliance with existing standards.

Forensic Investigation of Building Envelope Failures: Investigation of the original and cause of a failure, a damage, or a construction quality defect of many buildings, and extent of

Environmental Assessment of Contaminated Sites: Coordination of oil-related and asbestos contamination investigation and restoration in various residential, commercial and industrial projects.

Construction Related Damages: Forensic assessment of various construction related damages to the neighboring buildings, including vibration analysis, stormwater management systems, roads, grading, subgrade conditions and structures.

Laboratory Testing: Coordination and retrieval of samples for in-situ laboratory analysis for combustion by-product, among others.

Litigation Support: Related to assessment of the original and cause, extent of damage, and responsible parties in various forensic cases (structure, infrastructure and building envelope) across province of Ontario.

Professional Experience:

- **Element Forensic Engineering**
2021
Forensic Engineer
- **T. Smith Engineering Inc.**
2012-2021
Project Engineer / Forensic Engineer

Education:

- Bachelor of Engineering, Carleton University (Environmental Engineering)
- Diploma, Bachelor of Engineering Technology, Mohawk College (Chemical Engineering)

Affiliations:

- P.Eng. License Holder at Professional Engineers, Ontario (PEO)
- Member – Associated Environmental Site Assessors of Canada (AESAC)
- Associate member at Ontario Society of Professional Engineers (OSPE)
- Member of Public Advisory Committee – Niagara River Remedial Action Plan