



Terms of Reference

Subcommittee - Environmental Site Assessment, Remediation and Management

(September 13, 2016)

OBJECTIVES

The Guideline for Environmental Site Assessment, Remediation and Management subcommittee is directed by the Professional Standards Committee (PSC) to review the existing guideline *Professional Engineers Providing Services in Environmental Site Assessment, Remediation and Management* and, in consideration of changes to legislation affecting the industry and professional engineering, revise that document to better reflect current best practices and requirements.

BACKGROUND

The current practice guideline for *Professional Engineers Providing Services in Environmental Site Assessment, Remediation and Management* was published in 1996 and has not been revised since then. In the intervening 20 years there have been numerous changes to the practice standards that affecting the Environmental Site Assessment, such as:

- CSA Z768-01 (R2012) - Phase I Environmental Site Assessment;
- CSA Z769-00 (R2013) - Phase II Environmental Site Assessment;
- ASTM Standard E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process;
- ASTM E1903 - 11 Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process;
- Ministry of the Environment and Climate Change (MOECC) - Guideline for Use at Contaminated Sites.

The above indicates that the guideline should be reviewed and revised as necessary to reflect current best practices and requirements.

MANDATE (Specific Tasks)

- Environmental Site Assessment, Remediation and Management subcommittee is expected to obtain and provide information that will aid engineers to perform their engineering role in accordance with best practices and requirements defined by the legislation including the *Professional Engineers Act* and its regulations.
- Subcommittee is expected to obtain and provide information on the engineer's role in the evaluation, design, implementation of remediation options and environmental risk management measures.

- The subcommittee will review current legislation and identify the regulatory and ethical requirements for professional engineers providing services in this area of practice.
- PEO staff will provide the subcommittee with both legal cases and discipline cases on Environmental Site Assessment, Remediation and Management. These cases will be used as part of an evidence based approach for developing the guideline.
- The current practice guideline will be revised to reflect current best practices and requirements.

MEMBERSHIP

The subcommittee shall consist of a member of PSC who will act as chair and a minimum of 6 engineers currently engaged in the practice of providing engineering services for the Environmental Site Assessment and Remediation industry and 2 observers from the MOECC.

DELIVERABLES

The subcommittee will present the completed guideline to the PSC no later than July 2018. The subcommittee will provide quarterly progress reports to PSC.

Meeting Schedule: At discretion of the Chair

Completion Date: July 2018