

# EXCESS SOIL RESOURCES & BEST PRACTISES

## READ ME – DISCLAIMER

The MEA Excess Soil Committee has compiled a list of Excess Soil resources and best practises that may be valuable to MEA members who may not be aware of them.

However, the information contained in the resources listed below was not created by the MEA or Excess Soil Committee Members. Also please be aware that as the Regulation is still relatively new and has been updated multiple times in the last couple of years.

**Therefore, neither the MEA or Excess Soil Committee makes any guarantees, representations or warranties, expressed or implied, that the information contained in the resources listed below is current, complete, or accurate.**

Please consider using the resources listed below to supplement your knowledge and understanding of O. Reg. 406/19 and its application in a Municipal setting. If you have any concerns about a resource listed below please reach out to the author of the resource. If you have suggestions for additional resources to be added to the list please email Dan Cozzi at [dan.cozzi@municipalengineers.on.ca](mailto:dan.cozzi@municipalengineers.on.ca) who will forward your suggestion to the MEA Excess Soil Committee.

## Legislation

### [O. Reg. 406/19: On-Site and Excess Soil Management](#)

### [Rules for soil management and excess soil quality standards](#)

## List of Resources

### QPCO

- **LINK:** [Resources – QPCO](#)
  - QPCO's Best Practices for Excess Soil Reuse Sites
  - MECP Updates To Toxicity Reference Values (TRVs) For Lead In Soil
  - MECP Excess Soil Webinar Slides
  - Procedures for the Use of Risk Assessment under Part XV.1 of the Environmental Protection Act
  - Rationale for the Development of Soil and Ground Water Standards for Use at Contaminated Sites
  - Procedures for the Use of Risk Assessment under the Environmental Protection Act
  - MOEE Guidance on Site Specific Risk Assessment for Use at Contaminated Sites

### ONEIA

- **LINK:** [Ontario Environment Industry Association - Excess Soils Best Practices](#)
  - Excess Soil Best Practises
    - Hauling
    - Temporary Sites
    - Qualified Person
  - Ministry of the Environment Webinar Slides

- Transportation (Dry and Liquid Soil)
- Excess Soil Registry
- Qualified Persons and Excess Soil Planning
- Infrastructure Projects
- Soil Depots Storage and Processing
- Vac Trucks and Liquid Soil
- Low-Risk Sites
- Project Area Requirements
- MECP Reuse Sites

#### MECP Fact Sheets

- **LINK:** [Excess soil fact sheets | ontario.ca](https://www.ontario.ca/gov/excess-soil-fact-sheets)
  - **Fact sheet 1 – Excess soil management and reuse requirements for project areas:** contains regulatory requirements for on-site management of excavated soil or crushed rock, and the management and reuse of excess soil from project areas
  - **Fact sheet 2 – Bringing excess soil to a reuse site:** contains regulatory requirements for importing excess soil to a reuse site
  - **Fact sheet 3 – Excess soil transportation:** contains the regulatory requirements for transporting excess soil
  - **Appendix A – Excess soil definitions:** contains a list of definitions and commonly used terminology

#### RPRA Training Materials

- **LINK:** [Excess Soil Registry Resources - RPRA](https://www.rpra.ca/resources/excess-soil-registry-resources)
  - Introducing the Excess Soil Registry
  - Project Area Notice Filings
  - Residential Development Site Depot Notice Filings
  - Reuse Site Notice Filings
  - Public Portal

#### Excess Soil By-Law Tool by Canadian Urban Institute

- **LINK:** [Excess Soil By-Law Tool 2.0](https://www.cui.ca/en/2019/05/excess-soil-by-law-tool-2-0)
  - Summary of Issues (with additional specific resources)
    - Aggregate Sites
    - Agricultural Lands
    - Conservation Authorities
    - Consultation And Engagement
    - Cultural Heritage
    - Definitions
    - Enforcement
    - Environmentally Sensitive Areas
    - Fees, Cost Recovery And Financial Assurance
    - Fill Management Plan
    - Hydro Excavation (Hydro-Vac)
    - Invasive Species
    - Large (Commercial) Fill Sites
    - Permits
    - Prohibition Or Limitation Of Fill
    - Site Alteration Agreements
    - Soil Quality
    - Soil Sampling
    - Temporary Soil Storage Sites
    - Traffic And Transportation
    - Water Quality Protection
  - Regulation Guidance

- Overview of the Regulation
  - Municipalities and the Reg
- Municipal By-Law List
- Resources