

# Interim Environmental Guide for Earth Management Best Practices

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## Agenda

1. Guide Overview
2. Current Status and Next Steps



## **Guide Overview**

# MTO's Interim Environmental Guide for Earth Management Best Practices Outline

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# MTO's Interim Environmental Guide for Earth Management Best Practices

## Purpose

This guide will serve "...to provide information on best practices for the management of earth generated on MTO projects, including excess soil, as defined by *O. Reg. 406/19 On-Site and Excess Soil Management*.

This document does not replace the requirements of O. Reg. 406/19."

Note that this document serves to relate the regulatory regime to MTO works so much of the content will have originated from the regulatory package itself.

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## Applicability of the Regulation and Planning Exemptions

- Guidance on determining whether Excess Soils regulations apply to the works.
  - Guidance (including visual decision tools – see next page) on the situations where the regulations apply
- Excess Soil Planning Requirement Exemptions that commonly apply in MTO works:
  - Soil is excavated from the infrastructure project and relocated to another infrastructure project for final placement. The other infrastructure project can be another MTO construction project or a project with a local municipality.
  - The project that will generate Excess Soil for the purpose of “maintaining infrastructure in a fit state of repair.”
  - Topsoil
  - Health and Safety / Other Emergency Situations

# MTO's Interim Environmental Guide for Earth Management Best Practices Design

- Excess Earth Management best practices:
  - Consider early in the design process and revisit as the design develops.
  - Consider earth management as a standing agenda item for project design meetings.
  - Earth Management Plan should include details on the management of earth, measures taken to minimize earth borrow and excess material generation, details of on and off-site management, and be provided to the Contractor for reference.
  - Details on best practices during Planning, Preliminary Design, and Detail Design
  - Specific information on salt-impacted soils and other contamination
- Project Leader and designation of authority (for service providers to act on behalf of MTO)
- Guidance on reports required by the regulation
- Guidance on due-diligence sampling and stockpiling considerations
- Contract Documentation
  - Clarity on contract requirements (reports/specifications/constraints/etc.)

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## Construction

- Noting that things can change (e.g., quantity of excess soils, newly identified areas of soil with quality differing from the contract package, etc.) and how this may be addressed
- Guidance on excess soil scenarios in construction:
  - Various scenarios that may occur (e.g, soil reuse within the ROW, identification of reuse sites is the responsibility of the contractor, any reports that need to be prepared by the contractor, etc.)
  - Registration and tracking
  - Change proposals for situations differing from contract package
- Contract Administration
  - Various scenarios that may occur (e.g, soil reuse within the ROW, identification of reuse sites is the responsibility of the contractor, any reports that need to be prepared by the contractor, etc.)
  - Guidance on documentation



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## Maintenance of Excess Material Management Area

- Guidance on general best practices:
  - Inspections
  - Control/management (e.g., erosion and sediment control, dust suppression, etc.)
- General guidance on ditch clean out materials



Next Steps

# MTO's Interim Environmental Guide for Earth Management Best Practices

## Next Steps

- Finalize the draft
- Distribute to MTO offices for review/input/endorsement
- Proceed with management review/approval
- Provide notice to ORBA when we are ready to post
- Post on MTO Technical Consultation Portal
- Finalize Guide based on comments
- Socialization of Guide

This guide will be a living document so may undergo updates as the regulations evolve or new strategies are developed to manage MTO's approach to excess soils.

# Questions?

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