



Pits to Parks Restoration Project

Caledon's Aggregate
Resources Working Group
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- 1) Project Overview
- 2) Excess Soil Quality Control Program
- 3) Aggregate and Excess Soil Policies

Pits to Parks Restoration Project Overview

Partnership between CVC and
the Region of Peel

Success of Jim Tovey
Lakeview CA (Peel, TRCA,
CVC)

Beneficial reuse of excess soil
Rehabilitation Plan



Jim Tovey Lakeview Conservation Area

- New 26 ha landform on Mississauga's lakefront
- 1.5 million m³ of clean excess soil
- Variety of habitats
- Opening to the public in 2025



Pits to Parks



Beneficial Reuse of Excess Soil

- Local reuse of clean excess soil from capital works projects
- Municipal partnerships



Enhanced Ecological Restoration of Former Pits

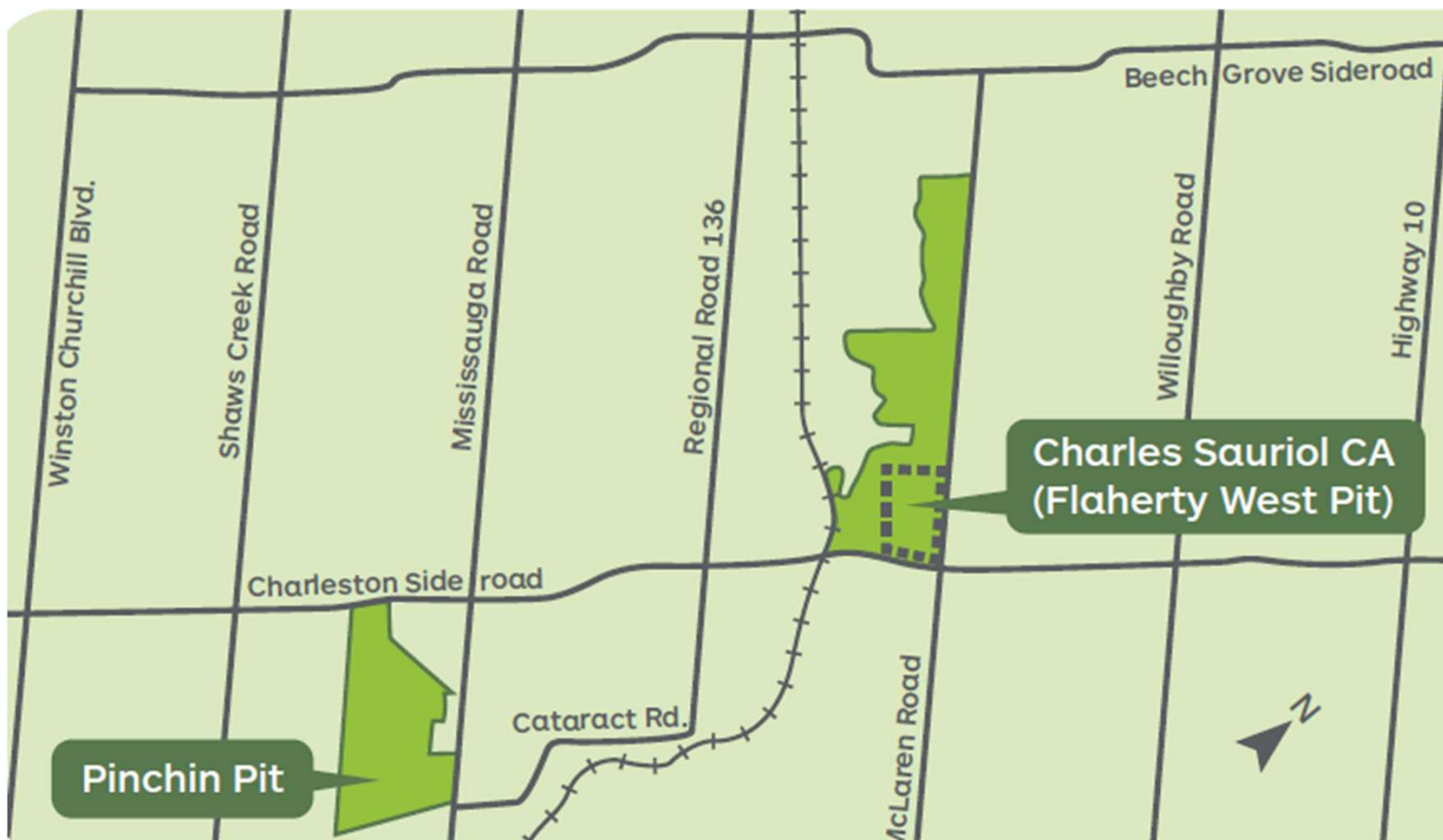
- Restore ecological form and function
- Recreate natural topography
- Biodiversity
- Carbon sequestration



Two New Credit Valley Parks

- Open to the public
- Recreation opportunities
- Nature appreciation
- Trail connections
- Habitat development

Context Map



Pinchin Pit

- Operated by AECON for 15 years for sand and gravel
- Acquired from AECON in 2013
- Acquired for restoration and recreation purposes
- 61 ha (southern portion in the NEPDA)



Flaherty West Pit (Charles Sauriol CA)

- Operated by Lafarge for sand and gravel
- Acquired from the landowner in 2019
- 18 ha in size, approx. 9 ha previously extracted
- Provides access to Charles Sauriol CA from Charleston Sideroad



Restoration Feasibility Study

Stage 1A studies determined that the project is technically feasible.

Stage 1B studies will confirm project details.

Study Components	Status
Stage 1A	
Water Resources Risk Assessment	Complete
Engagement	Ongoing
Traffic Impact Study	Complete
Archeological Assessment	Complete
Stage 1B	
Groundwater Modelling	2024
Conceptual Site Plan	2024
Economic Analysis	2024
Stage 1C	
Integrated Soil Management Plan	2025

Restoration Feasibility Study: Stage 1

Component	Status	Outcomes
Water Resources Risk Assessment	complete	<ul style="list-style-type: none"> - Preliminary assessment to understand baseline surface and groundwater parameters - Preliminary guidance on soil quality
Traffic Impact Study	complete	<ul style="list-style-type: none"> - Preliminary assessment to determine potential impacts to traffic network (minimal) - Confirmed parameters for turning lanes required at Flaherty West Pit
Archaeological Assessments (Stage 1)	complete	<ul style="list-style-type: none"> - Confirmed cultural and historic resources will not be impacted - Engagement with Indigenous communities
Engagement	ongoing	<ul style="list-style-type: none"> - Engaged Community Advisory Committee - Ongoing engagement with the Mississaugas of the Credit First Nation

Target Timeline





Excess Soil Quality Control Program

Jim Tovey Lakeview Conservation Area

Excess Soil Regulations

The MECP has developed excess soil policies that:

- Provide standards for appropriate reuse of excess soil
- Recognize excess soil as a valuable resource
- Reduce clean soil going to landfill site
- Prevent inappropriate disposal of contaminated soil

Quality Control Program

Jim Tovey Lakeview CA

- Source site requirements
- Inspections and audits
- Bill of lading system
- Documentation
- Contingency plan for rejecting material

Pits to Parks

- Will be identified in the Integrated Soils Management Plan by a Qualified Professional (QP)
- Will be developed according to best management practices and excess soil regulations



JTLCA Restoration in Progress

CVC's Soil Specification & Management Guidelines

Guidelines that focus on soil management in the Credit River Watershed

- 1) Overview of key legislation and policies that apply to the conservation and management of soils in the Credit River Watershed
- 2) Specification guidelines and best management practices related to sourcing and delivery of soils to sites that consider the chemical and physical properties
- 3) Research and recommendations to summarize options for the remediation of the physical and biological properties of soil

Excess Soil and Aggregate Policies

Aggregate Policy Comments

(as a landowner and owner
of retired aggregate pits)

- Encourage simplifying and expediting land use changes post extraction
- Encourage the transfer of pits and quarries to a public body and/or for public benefit, once the license has been surrendered
- Encourage a set timeline for extraction activities
- Policies that support the implementation of Rehabilitation Plans

Excess Soil By-law Comments

Policies that support the use of excess soil for the enhanced ecological restoration of aggregate pits after licenses have been surrendered (specifically by public bodies, for public benefit)



Questions
