

Inglewood Wastewater Treatment Plant Upgrades and New Access Route

Public Information Centre

MAY 29th, 2017

6:30 p.m. – 8:30 p.m.

INGLEWOOD COMMUNITY CENTRE

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Project Background

Inglewood Wastewater Treatment Plant Facts:

- Constructed in 2004
- Owned and operated by Region of Peel

Comprehensive Review Recommendations:

- Improve wet weather reliability
- Increase process equipment standby capacity
- Construct standby equipment to ensure uninterrupted operation during power failures



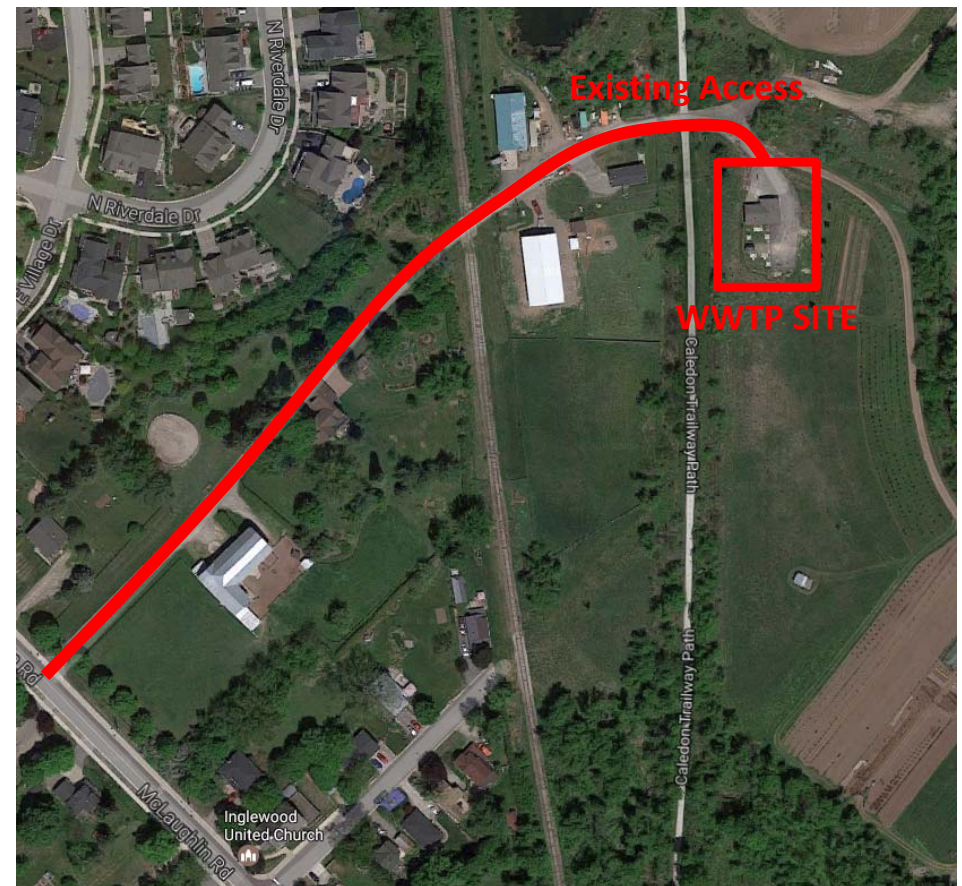
Preferred Design Concept

- **Retrofit the existing building with:**
 - Wastewater flow monitoring
 - Screening equipment for removal of rags and large solids
 - Expanded laboratory and maintenance space
- **Construct a new treatment tank**
- **Construct a new building with:**
 - New process equipment
 - New electrical room
- **New emergency power generator**



New Access Route Requirement

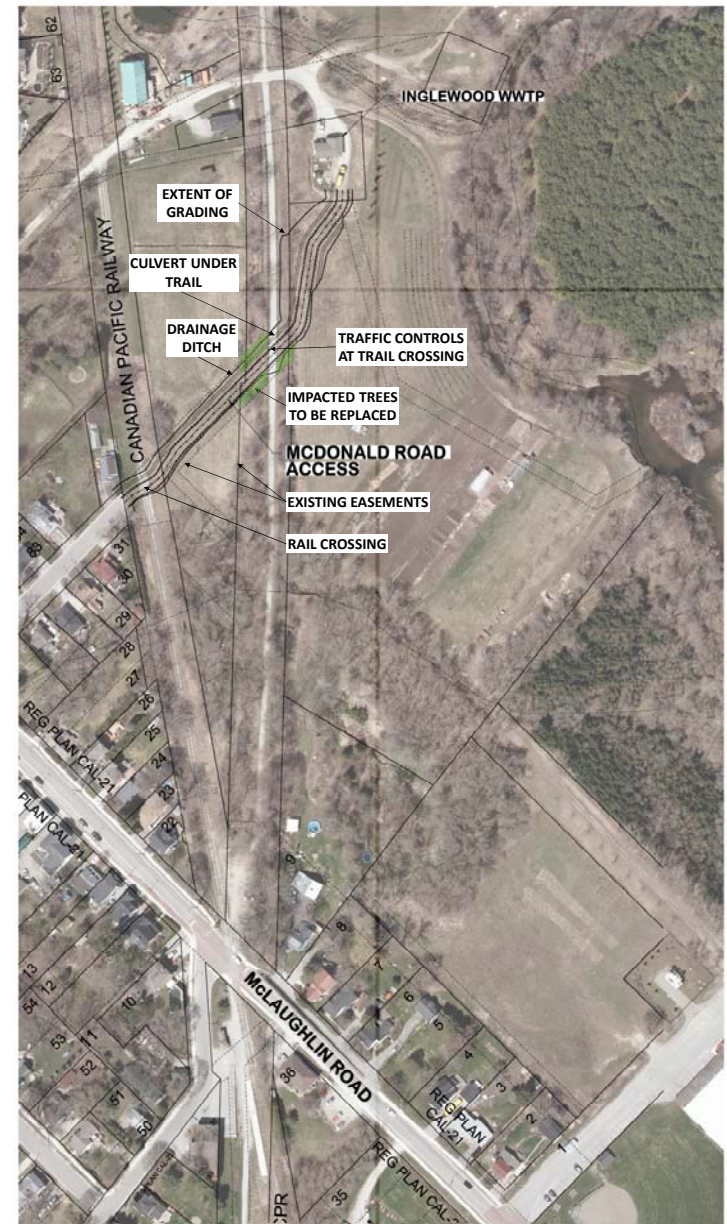
- Existing access to the site is through a private driveway
- Causes operational concerns and is disruptive to residential area
- Region preference to develop an alternative access to the site
- A number of alternatives were developed and evaluated



(Google, 2016)

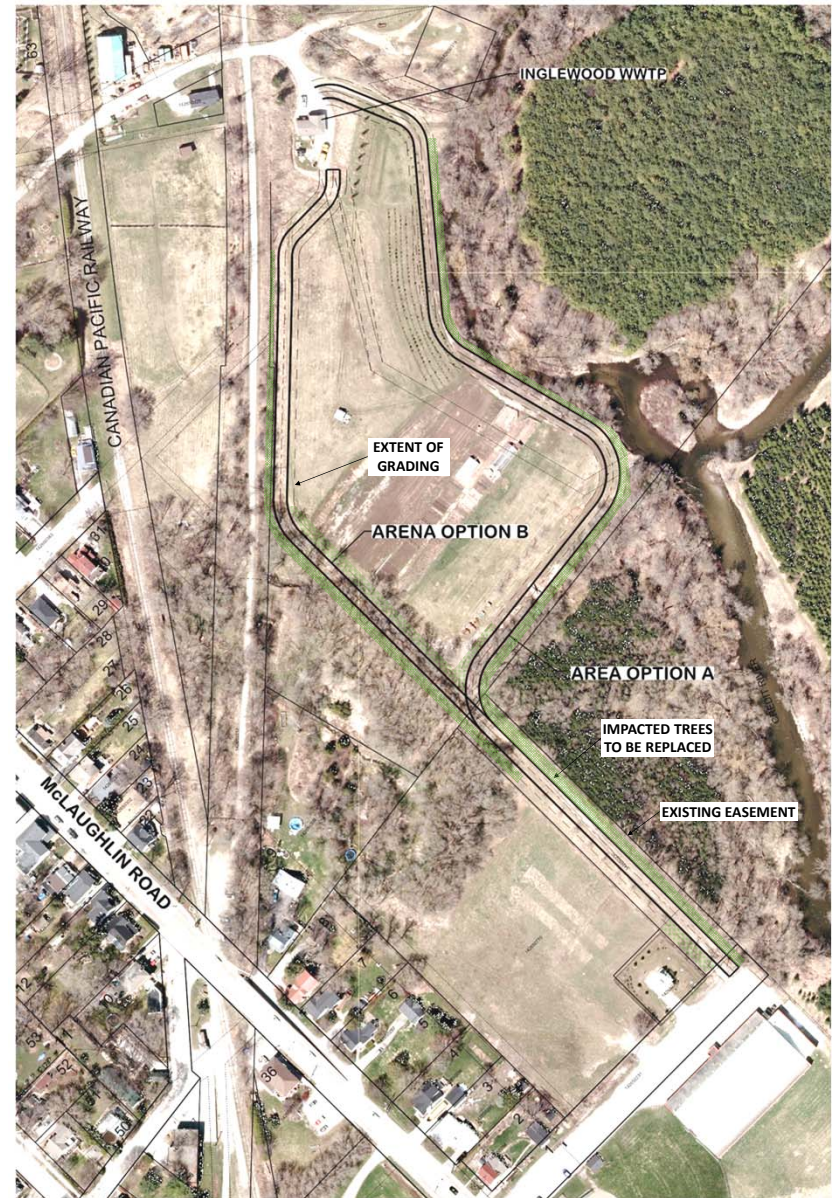
Access Route Alternative 1: MacDonald Street Not Recommended

- Private gated access owned by the Region
- Rail crossing will require additional design, permits and coordination
- Increased traffic may affect private residences on MacDonald Street
- Traffic controls required at rail crossing and across Caledon Trail
- Minor property entry (easement) requirements
- Orangeville Brampton Rail Access Group (OBRAG) has only approved a temporary construction access and will not grant approval for permanent access
- Least impact to the Caledon Trail



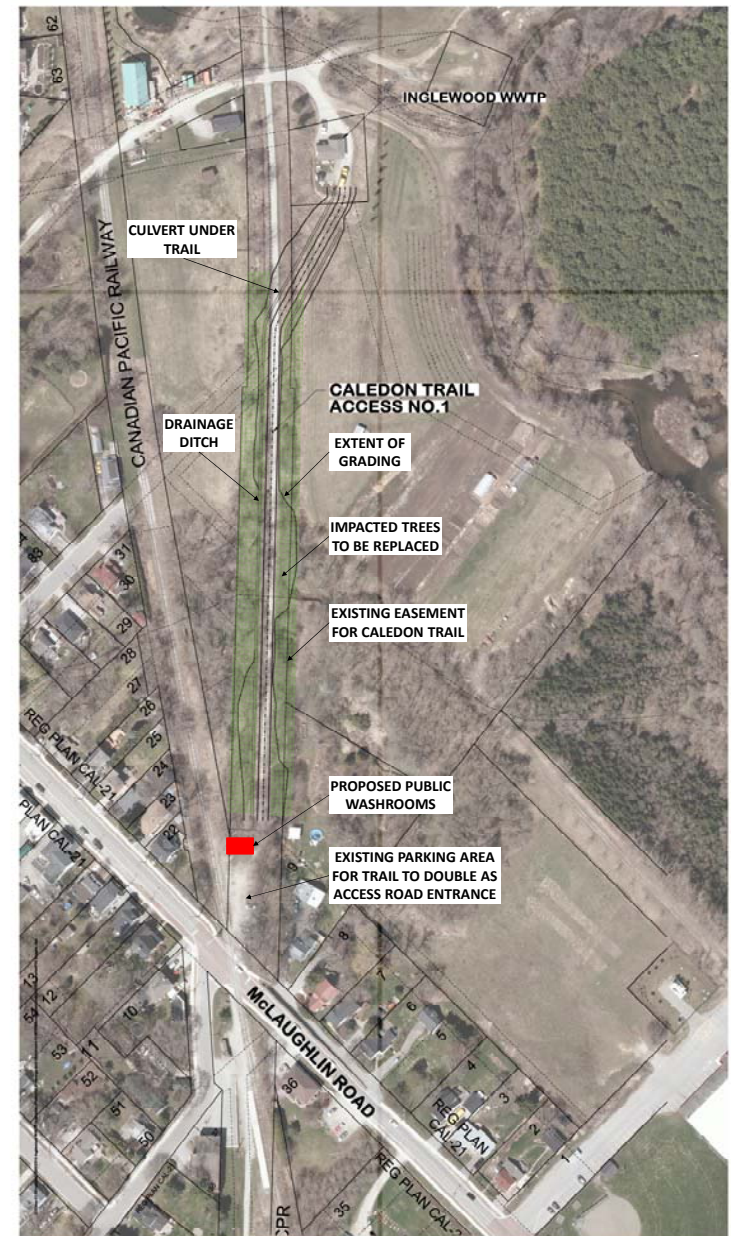
Access Route Alternative 2: Arena Access Options **Not Recommended**

- Private gated access owned by the Region
- Rail crossing not required
- Potential significant grading requirements and tree removal
- Access crosses and runs close to existing creek
- Major property entry (easement) requirements
- No impact to the Caledon Trail
- Credit Valley Conservation Authority (CVCA) will not grant approval for permanent access close to waterways



Access Route Alternative 3: Caledon Trail Access No. 1 Recommended

- Portion of the access shared with the Caledon Trail (approximately **320 m**)
- No rail crossing required
- Potential significant grading requirements and tree removal adjacent to the Caledon Trail
- Increased traffic may affect users of the Caledon Trail
 - Typically 1 vehicle required per day
- Significant coordination with the Caledon Trail
- Moderate property entry (easement) requirements
- Road separated from Caledon Trail

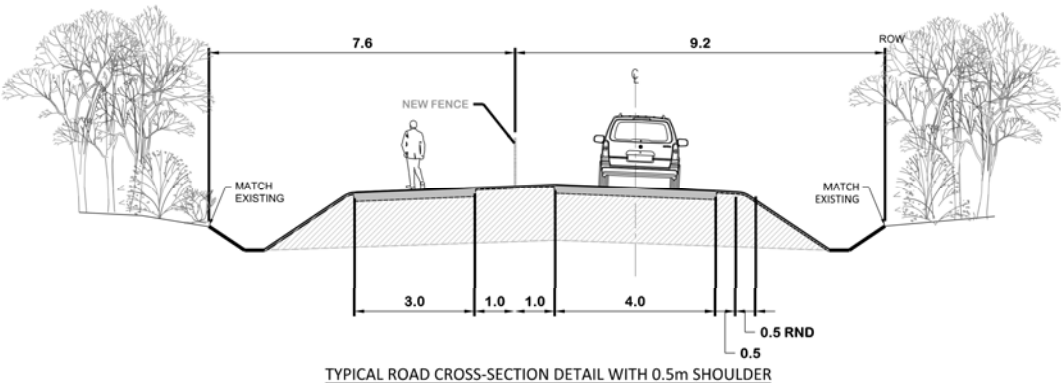


Access Route Alternative 4: Caledon Trail Access No. 2 Recommended

- Portion of the access shared with the Caledon Trail (approximately **250 m**)
- No rail crossing required
- Potential significant grading requirements and tree removal adjacent to the Caledon Trail
- Increased traffic may affect users of the Caledon Trail
 - Typically 1 vehicle per day
- Significant coordination with the Caledon Trail
- Moderate property entry (easement) requirements
- Road separated from Caledon Trail

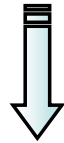


Recommended Access Route Alternatives



Next Steps

**Consider Public and Agency
(CVC, Town of Caledon, etc.) Input
Confirm Preferred Solution**



**Detailed Design, Property Entry
Rights and Construction**

Summer 2017



Fall 2017

Inglewood Water Supply System Update

- The Region identified the need to construct a new municipal water well (Well #4) to add supply capacity to the community of Inglewood and allow for decommissioning of Well #2
- Well #4 was recently completed 400m north of existing Well #3
- Well #4 will be connected to the existing treatment facility currently providing treatment for Well #3
- Connection anticipated for fall/winter 2017
- Well #2 decommissioning anticipated for 2018/2019



Have Your Say

- Fill in a comment sheet today or email your comments to the contact below by June 12th, 2017
- Contact Peel staff with your questions

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Access Route Alternatives

Alt	Alternative Access Routes	"Must-meet" Criteria		Key Differentiators	Recommendation
		Reliability	Technical Feasibility		
0	Do Nothing	X	✓	<ul style="list-style-type: none"> • Coordination issues with private residence • Increased concerns regarding potential spills on private residence 	Not recommended
1	MacDonald Street Access	✓	✓	<ul style="list-style-type: none"> • Private gated access owned by the Region • Rail crossing will require additional drawings, designs, permits and coordination • Increased traffic may effect private residences on MacDonald Street • Minor property entry (easement) requirements 	Orangeville Brampton Rail Access Group (OBRAAG) will not grant approval for permanent access
2	Arena Access Options	✓	✓	<ul style="list-style-type: none"> • Access through the Lloyd Wilson Centennial Arena • No rail crossing required • Potential significant grading requirements • Both routes run close to existing Creek and/or the Credit River • Major property entry (easement) requirements 	Credit Valley Conservation Authority (CVCA) will not grant approval for permanent access close to waterways
3	Caledon Trail Access No. 1	✓	✓	<ul style="list-style-type: none"> • Access shared with the Caledon Trail • No rail crossing required • Significant coordination with Caledon Trail required. • Potential significant grading requirements adjacent to Caledon Trail and tree removal • Increased traffic may effect users of the Caledon Trail • Moderate property entry (easement) requirements 	Recommended for further evaluation – Short-listed
4	Caledon Trail Access No. 2	✓	✓	<ul style="list-style-type: none"> • Access shared with the Caledon Trail • No rail crossing required • Significant coordination with Caledon Trail required • Potential significant grading requirements adjacent to Caledon Trail and tree removal • Increased traffic may effect users of the Caledon Trail. • Moderate property entry (easement) requirements 	Recommended for further evaluation – Short-listed