



# Lakeview Waterfront Connection (LWC) Environmental Assessment

Public Information Centre (PIC)  
Meeting #1

January 22, 2013



Lakeview Waterfront Connection Environmental Assessment  
Public Information Centre #1

## **AGENDA**

Facilitator: Dave Hardy, Hardy Stevenson and Associates

### **Open House (4:30pm – 7:00pm)**

LWC Project Team

### **Presentation (7:00pm – 7:45pm)**

Kate Hayes, Credit Valley Conservation, Project Leader, Restoration and Stewardship

Councillor Jim Tovey, City of Mississauga, Ward 1, Mississauga South

Ken Dion, Toronto and Region Conservation, Senior Project Manager

Janice Hatton, Region of Peel, Program Support Analyst, Public Works, Water Division

- Welcome
- Meeting Purpose
- EA Status
- Developing Alternative Project Configurations
- Project Alternatives
- Evaluating Alternative Project Configurations
- Wrap up

### **Question and Answer (7:45pm – 8:00pm)**

### **Facilitated Discussion (8:00pm – 8:45pm)**

Workbook Questions:

Do the alternatives seem reasonable? Do you have any concerns regarding the alternatives or aspects of the alternatives? Are there any alternatives missing? \*include images of the alternatives\*

Do you understand the approach for evaluating the alternatives (objectives based evaluation)? Do you have any comments or suggestions regarding the approach? \*include evaluation criteria table\*

Do the criteria and indicators for the objectives seem reasonable? Are any critical criteria or indicators missing?

Do you have any other comments regarding the project and process to date?

### **Collective Feedback (8:45pm – 9:00pm)**

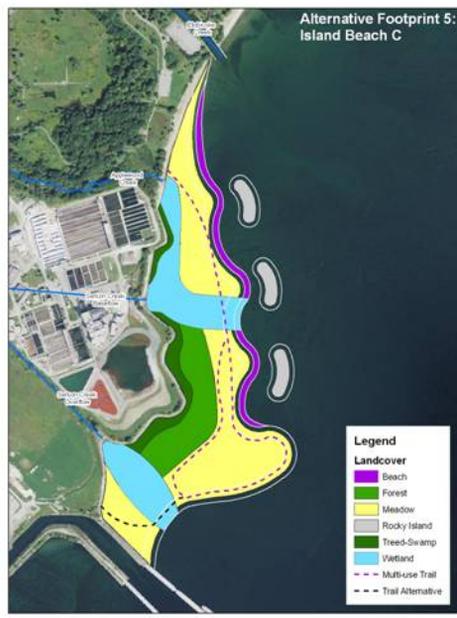
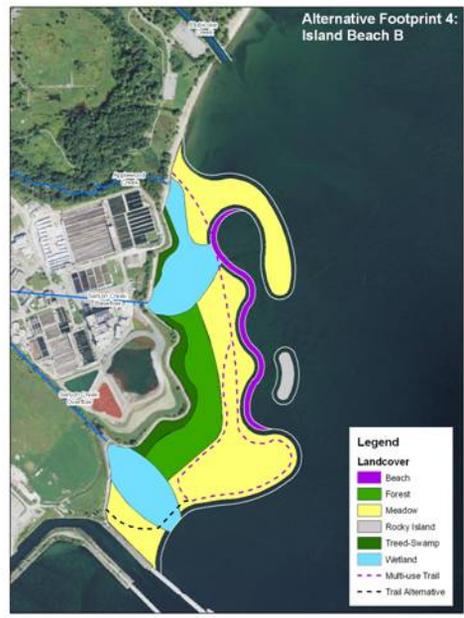
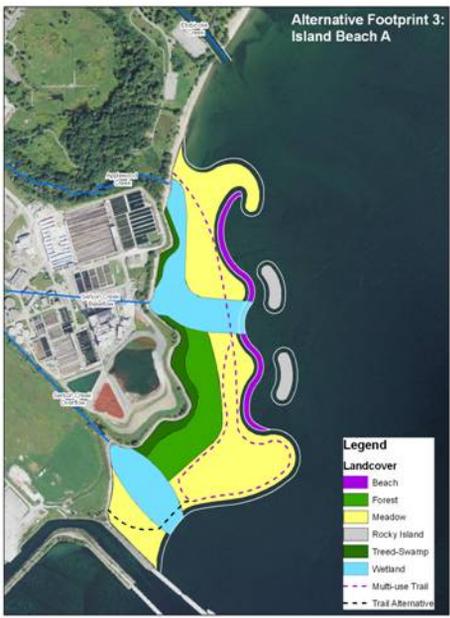
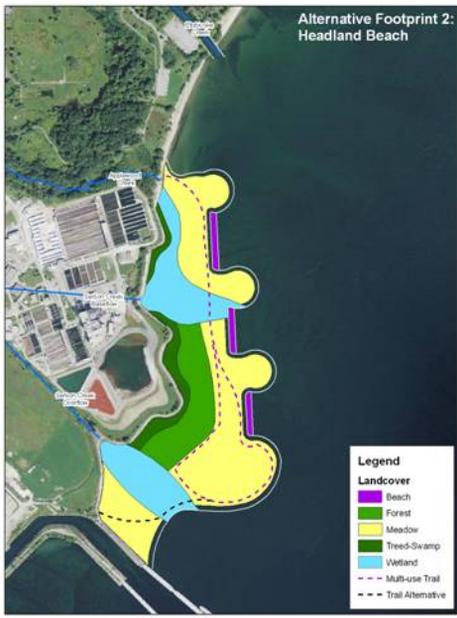
Contact: Brooke Erickson, Resources Planner, Waterfront, Toronto and Region Conservation  
[Berickson@trca.on.ca](mailto:Berickson@trca.on.ca), 416-661-6600 ext 5581, 70 Canuck Ave, Downsview ON, M3K 2C5

# Lakeview Waterfront Connection Environmental Assessment

## PROPOSED ALTERNATIVES

### Public Information Centre #1

### January 22<sup>nd</sup>, 2013



## Workbook Questions #1

Do the alternatives seem reasonable?

Do you have any concerns regarding the alternatives or aspects of the alternatives?

Are there any alternatives missing?

## Workbook Questions #2

Do you understand the approach for evaluating the alternatives (objectives based evaluation)?

Do you have any comments or suggestions regarding the approach?

## Workbook Questions #3

Do the criteria and indicators for the objectives seem reasonable?

Are any critical criteria or indicators missing?

## Workbook Questions #4

Do you have any other comments regarding the project and process to date?

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Proposed Evaluation Criteria and Indicators  
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Objective	Criteria	Indicator(s)	Rationale
Naturalization	Change in shoreline character	Change in diversity of shoreline types	These specific measures will be used to compare how much beach is created or lost; how much revetment is created or lost; and the relative amount of change of beach to shoreline habitat between alternatives and the existing conditions. Alternatives that provide a larger total and relative increase in beach habitat will be scored higher
		Irregularity of shoreline to provide nearshore forage fish habitat	This ratio describes the irregularity of a shoreline. The more irregular a shoreline the more nearshore forage fish habitat is available. The higher the number the more preferred the alternative.
		Ease of access to water for wildlife	Some wildlife require easy and safe access to the water for different aspects of their lifecycle. Different shoreline treatments create or discourage easy access.
	Ability to create functional habitat blocks	Ability to meet minimum habitat area guidelines; 7-8 ha of wetland; 4-ha of forest; and 10-ha of meadow.	Using ecological function principles, minimum habitat sizes have been provided as a guideline to ensure appropriate levels of function within the LWC Project Study Area
		Qualitative assessment of habitat created	Ecological function is related to the relative quality of the new habitat created. Habitat patch size, shape, potential for human disturbance through trails and infrastructure dictate future ecological function. Options deemed to have higher quality habitat will be scored higher.
	Ability of alternative to be self-compensating with respect to fish habitat	Area of aquatic habitat lost or changed (ha)	Land creation activities will create a loss of aquatic habitat and the area of loss is a key consideration in the ability of the LWC Project to self-compensate for this loss
		HAAT model estimates of area requiring compensation lost (ha)	Different shoreline types and their resulting footprints have intrinsic differences in ecological features and functions and thus, their ability to be self-compensating from a fish habitat perspective. This measure will determine which alternatives are better able to be self-compensating by minimizing the net loss of habitat.
		Area of aquatic Habitat Lost compared to HAAT Model estimate of area requiring compensation.	Indicator measures the amount of fill that would occur for each alternative before 1 ha of habitat compensation is required. Thus, the two indicators listed above are standardized and the greater the fill area, the higher intrinsic habitat quality provided.
	Compatibility	Potential for effects to existing WWTF outfalls	Changes in access to outfall: # of access points covered
Changes to site security for WWTF		Ability to maintain/enhance site security for the WWTF	Land creation at the shoreline along the WWTF will provide public access to a previously restricted piece of critical infrastructure. Based on this, maintaining or enhancing security at the WWTF is an essential consideration for the alternatives.

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Proposed Evaluation Criteria and Indicators  
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Objective	Criteria	Indicator(s)	Rationale
Access	Potential for lookout areas	Number of opportunities for lookout areas	Lookout areas (providing views along the shoreline) are an important feature in enhancing public enjoyment of the waterfront. The size and the character of the shoreline created will create differences in opportunity.
	Potential for changes to use of waterfront for recreation	Potential for use of area for new activities such as fishing, birding, etc.	The size and character of the land and shoreline created will create differences in opportunity.
	Potential for public access to water's edge	Percentage of accessible water's edge	Ease of regular access to the water's edge will enhance public enjoyment of the waterfront, and facilitate a variety of uses.
		Potential to create tiered trail system providing seasonal access	
		Potential to create multi-use trail connection across area of land creation	
	Potential changes in risks/encouragement of risky behavior related to shoreline- and water-based activities	Extent to which alternatives may change the risks (e.g. water exits after a fall) and encourage risky behavior (e.g., swimming)	Different shoreline treatments present different potential risks to the public. Alternatives that do not increase potential risk/risky behavior are preferred.
	Potential for displacement of <i>built heritage resources</i> due to construction	Cultural heritage value of built heritage resources and <i>cultural heritage landscapes</i> within land creation area and area for potential realignment of Serson Creek.	It may be necessary to assess the areas to be affected to avoid or mitigate the effects to any identified resources of cultural heritage value or interest.
	Potential effects from construction on marine- and land-based archaeological resources	Significance of archaeological resources within footprint of land creation and area for potential realignment of Serson Creek.	It may be necessary to assess the areas to be affected to avoid or mitigate the effects to any identified resources of archaeological value or interest.
Potential for effect from construction on traditional uses of lands by <i>First Nations</i> and <i>Métis</i>	Extent of traditional uses of lands within LWC Project Study Area	The new natural waterfront park must respect and wherever possible enhance traditional uses of lands by First Nations and Métis.	

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Fiscal Viability	Estimated Capital Cost	Volume of purchased material	All alternatives generally use the same volume of fill. Alternatives will be compared based on their estimated volumes of material required for different shoreline protection types with options requiring lower volumes of material being preferred.
		Land Cost : Area of waterlot required	The only land cost associated with the project is the cost of waterlots.
	Annual maintenance costs for naturalized area	Debris management costs	Alternatives with lower potential to accumulate debris, particularly in the vicinity of Marie Curtis Park, are preferred.
		Maintenance of shoreline protection (beach vs revetment)	Differences in maintenance requirements for beaches vs. revetment structures may result in different long term maintenance costs.
Coordination	Consistency with City of Mississauga Waterfront Parks Strategy (2008)	Consistency of alternative with Waterfront Parks Strategy	Alternatives will be ranked based on their consistency with the key strategic goals outlined in the Strategy, to ensure that the LWC Project does not conflict with these goals. The goals include better integration and connectivity of Waterfront Parks; improved connections to the city at-large; the introduction of more sustainable elements into the parks; and promotion of a stronger relationship between the parks and the existing natural systems.
	Consistency with the Visioning for Inspiration Lakeview	Consistency of alternative with Visioning for Inspiration Lakeview	The shoreline and Serson Creek within the LWC Project Study Area was identified as a "Green" area within the Inspiration Lakeview Vision Plan. This portion of shoreline was discussed as an area to establish a new continuous waterfront south of the WWTF. Alternatives will be ranked based on their consistency with this vision, to ensure that the LWC Project remains consistent with the larger development plans at OPG's Lakeview site.
		Ability to integrate alternative with potential plans for OPG's Lakeview site	As a key area for establishing public linkages identified in the Inspiration Lakeview vision, the ability of alternatives to integrate with potential plans for OPG's Lakeview site is important in the larger Inspiration Lakeview planning process.
	Consistency with LOISS	Consistency of alternative with priorities identified by LOISS	Alternatives will be ranked based on their consistency with the priorities identified in LOISS, to ensure that the LWC Project does not conflict with these priorities and helps to meet the objectives of LOISS.
	Consistency with Lake Ontario Biodiversity Strategy	Consistency of alternative with priorities identified by the Lake Ontario Biodiversity Strategy	Alternatives will be ranked based on their consistency with the recommendations and targets identified in the Lake Ontario Biodiversity Strategy, to ensure that the LWC Project does not conflict with these elements and help to meet the objectives of the Strategy.
	Consistency with Marie Curtis Park and Arsenal Lands Master Plan	Ability to integrate recreational opportunities and trails between the LWC, Arsenal Lands and Marie Curtis Park	The Master Plans for the Arsenal Lands and Marie Curtis Park identify a number of new and enhanced recreational opportunities. Alternatives will be ranked on their potential to create linkages between these amenities and the shoreline within the LWC Project Study Area, and thus meet the goals of these Master Plans.