

Table 3 - Revised Siting Criteria

# Revised<sup>1</sup> Siting Criteria

## Organics Processing Facility



Component	Criteria	Indicator	Screen 1	Screen 2	Screen 3
Environmental	Air Quality	Wind Speed and Direction			X
		Proximity to Sensitive Receptors		X	X
		Species of Special Concern, Threatened, and/or Endangered			X
	Odour	Wind Speed and Direction			X
		Proximity to Sensitive Receptors		X	X
	Noise	Proximity to Sensitive Receptors		X	X
	Terrestrial	Topography			X
		Soil Type			X
		Affected Greenlands <sup>4</sup>	X		X
		Niagara Escarpment Land Use	X		X
		Oak Ridges Moraine Land Use <sup>2</sup>	X		X
		Species of Special Concern, Threatened, and/or Endangered			X
	Aquatic	Species of Special Concern, Threatened, and/or Endangered			X
	Surface Water	Wetlands, Floodplains and Water Bodies	X		X
	Groundwater	Groundwater Depth			X
Groundwater Flow and Direction				X	
Source Water Protection Areas		X		X	
Agricultural	Prime Agricultural Areas <sup>4</sup> (Specialty Crop Areas, Class 1, 2, and 3 <sup>3</sup> Agricultural Lands)	X		X	
Social	Sensitive Receptors	Number and Distribution of Sensitive Receptors (e.g., residential areas, parks, recreational areas, and institutions)	X		X
		Buffer Zones and Separation Distances to Sensitive Receptors	X		X
	Land Use/Zoning	Current Land Use, Zoning, Approved Development Plans, and Proposed Land Use Changes		X	X
		Opportunity for Brownfield Development, Enhanced Use			X
		Compatibility with Existing Land Uses/Zoning Designations on Adjacent Sites		X	X
	Transportation	Existing/Required Transportation Infrastructure		X	X
		Neighbourhood Traffic Impacts			X
Visual	Buffer Zones and Visual Screening			X	

NOTES:

1. Siting Criteria revised as per public feedback received.  
 2. Oak Ridges Moraine added as per public feedback received.

3. Revised to reflect all Prime Agricultural Areas based on public feedback to include Class 3 Agricultural Lands.  
 4. Certain sites may be exempt from meeting this criterion based on existing zoning or land use. Refer to Screen 1 - Evaluation Criteria for details.

# Revised<sup>1</sup> Siting Criteria

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Component	Criteria	Indicator	Screen 1	Screen 2	Screen 3	
<b>Cultural</b>	<b>Archeological</b>	Archeologically Significant Areas	X		X	
	<b>Heritage</b>	Areas of Important Cultural Heritage	X		X	
<b>Technical</b>	<b>Permitting/Approvals</b>	Feasibility and Complexity of Permitting/Approvals		X	X	
	<b>Safety</b>	Potential Safety Risks			X	
	<b>Utilities and Services</b>	Availability and Distance from Utilities and Services		X	X	
	<b>Suitability</b>	Meets Minimum Size Requirements (OPF - 13 ha/33 acres)		X		X
		Within Search Area		X		X
		Site Layout, Topography, and Soil Conditions			X	X
		Compatibility with Existing Infrastructure				X
	<b>Flexibility</b>	Design/Operational Flexibility Provided by Site				X
Surplus Lands for Expansion					X	
<b>Economic</b>	<b>Capital Costs</b>	Property Acquisition			X	
		Infrastructure			X	
		Design			X	
		Construction			X	
		Permits/Approvals			X	
		Site Remediation			X	
	<b>Operation and Maintenance Costs</b>	Facility Operation and Maintenance				X
		Transportation from Feedstock Sources				X
		Transportation to Markets and End Users				X
		Monitoring Requirements				X
Mitigation Requirements				X		
<b>Legal</b>	<b>Land Acquisition</b>	Land Acquisition Complexity, Risk, Liability			X	
	<b>Agreement</b>	Structure and Complexity of Operating Agreement			X	

NOTES:  
1. Siting Criteria revised as per public feedback received.