

Siting Goal and Meeting Objectives

Siting Goal

- Establish a practical siting methodology with associated criteria
- Undertaken in a step-wise process
- Ultimately leads to a recommended site that is approvable
- Traceable and Defendable

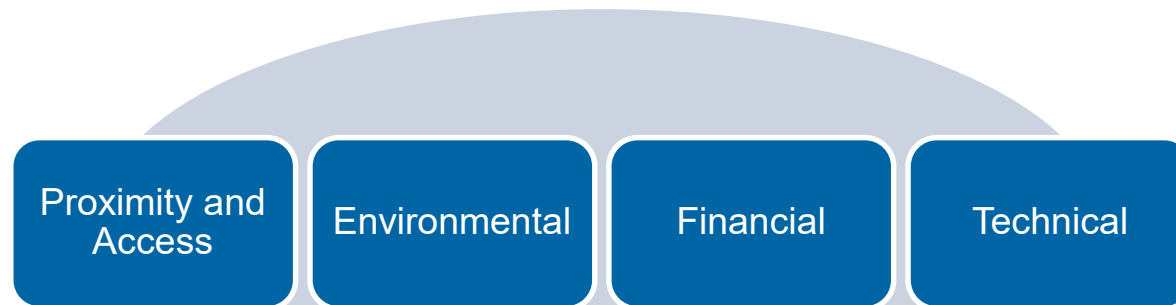
Meeting Objectives

1. Provide an overview of the Siting Process.
2. Discuss upcoming Public Consultation
3. Describe Next Steps



Siting - Where Are We?

- ✓ 1. Determine search area / minimum site requirements
- ✓ 2. Identify list of candidate sites based on minimum site requirements
- ✓ 3. Develop evaluation criteria for candidate / long-list of sites and short-list sites
- ✓ 4. Apply evaluation criteria to long list of sites to determine a short-list of sites
5. Stakeholder Consultation – Municipal (Feb 19), Public (Feb 27)
6. Apply evaluation criteria to short-list of sites to undertake a comparative evaluation to establish advantages / disadvantages between sites
7. Identify preferred site



Siting Methodology

Exclusionary Criteria for Long List of Sites

- Sites that do not satisfy these criteria are removed from further consideration - consider these to be a 'minimum threshold'
- Applied to long list of sites, contains additional, more specific criteria/indicators
- This step will result in a short list of sites

Short List Evaluation

- Applied in the form of a comparative evaluation, all criteria/indicators will be utilized
- This evaluation will result in a Preferred Site

Proposed Siting Methodology

Candidate Sites - Exclusionary

- May be considered as "must pass", which a given site must satisfy in order to be carried forward for further evaluation
- Based largely on the technical requirements of the facility that meets the program needs set out by the Region.
- If a site fails to meet the requirements set out in the exclusionary criteria listed above, it will be excluded from further consideration.

Proposed Siting Methodology – Long List to Short List

Handout - Item 4. B)
EFW-WMAC February 25, 2020

Technical

- Minimum site size requirements (8-15ha)
- Land owned by Durham Region
- Availability to connect to utilities/ services

Social/Environmental

- Minimize impacts to:
 - » Sensitive receptors
 - » Natural Heritage elements (i.e. wetlands, water bodies, greenlands, etc.)
 - » Class 1 and 2 Agricultural Lands
- Remaining area after minimizing impacts must meet minimum site size

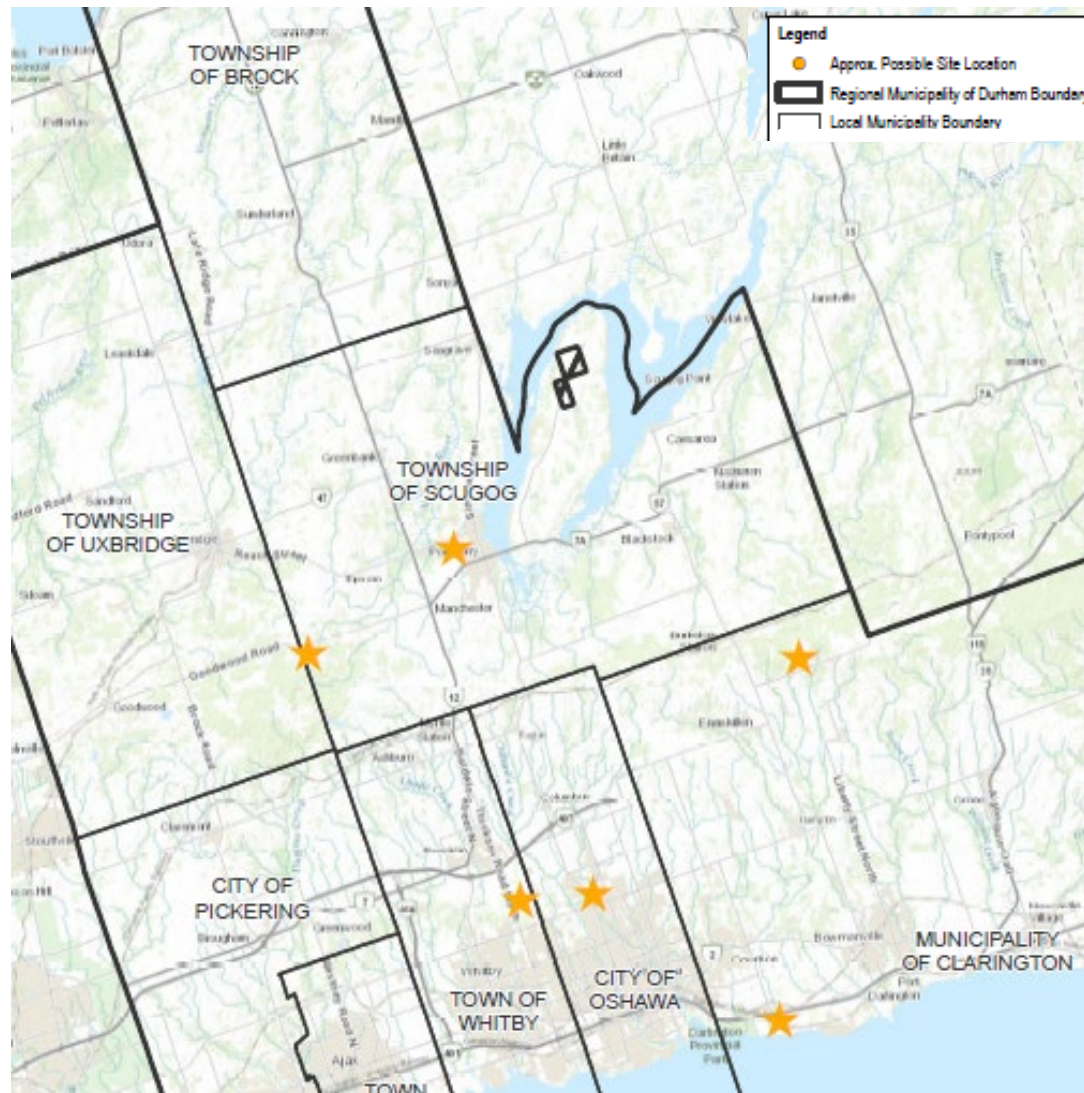
Short List of Sites

ID	Address	Utilization	Remaining Site Size For Development (ha)
West Scugog	#10 Regional Road No. 21 (10 Goodwood Rd, Port Perry)	Scugog Depot Site - Balance Future Gravel Pit	41.35
East Scugog	1623 Reach Street, Port Perry	Closed Landfill - houses WMF - Parent property includes WPCP	52.75
North Clarington	9293 Woodley Road, Clarington	Darlington Closed Landfill - Located within CLOCA conservation area. Currently being used by Flyers Club	8.49
Oshawa	1640 Ritson Road North, Oshawa	Former City of Oshawa Landfill - current location of WMF	24.13
Whitby	4600 Garrard Road, Whitby	MRF	~10*
South Clarington	1797 Megawatt Drive, Courtice	DYEC	12.45



* Exact remaining area to be determined as site is currently developed.

Short List of Sites



Next Steps – Short List Evaluation

Short List Evaluation = More detailed Criteria

- Key criteria that differentiate sites
- Grouped in a Social, Environmental, Technical, Financial category
- Compare sites against each other and rank them based on their advantages and disadvantages
- Result will be a site that balances the advantages/disadvantages as well as satisfying the goals and objectives of the project