

EA Timing Consideration

Description of Proposed Undertakings

Scenario 1.

Proposed Undertaking: To engage new and emerging technologies, policies and practices to process up to 40 percent* of Toronto’s residual solid waste through an EA that considers, evaluates and identifies: (1) a preferred system (i.e. combination of new and emerging and/or proven technologies); and (2) a preferred facility site(s).

Scenario 2.

Proposed Undertaking: To engage new and emerging technologies, policies and practices to process up to 40 percent* of Toronto’s residual solid waste through a scoped EA that considers and evaluates alternative facility sites and identifies a preferred facility site(s).

Scenario 3.

Proposed Undertaking: To engage new and emerging technologies, policies and practices to process up to 40 percent* of Toronto’s residual solid waste through a scoped EA that considers and evaluates a short-list of siting options, with subsequent identification of a preferred facility site(s).

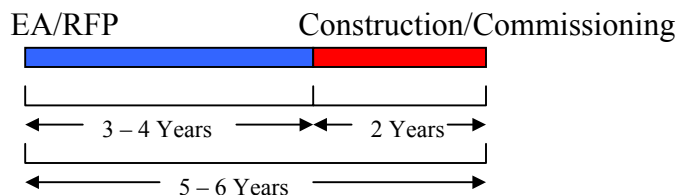
*40 percent of Toronto’s residual solid waste represents approximately 400,000 tonnes per year

Timeframe

City’s staff have identified that the three scenarios have a similar timeframe with an overall time difference of 4 to 6 months. This overall timeframe is approximately 5 to 6 years from the beginning of the REOI process to the end of the facility construction and commissioning phase.

The REOI/RFQL/RFP and Environmental Assessment (EA) phases are expected to take between 3 to 4 years. The facility construction and commissioning phase is expected to take approximately 2 years and will begin after the award of contract(s).

Although the overall timeframe for the three scenarios are similar, the timing of when the EA process will start varies among the three scenarios.



EA Timing Considerations - Matrix

CONSIDERATION	Scenario 1	Scenario 2	Scenario 3
TIMING	Within 4-6 months difference		
PUBLIC CONSULTATION	Most	Middle	Least
<ul style="list-style-type: none"> • Terms of Reference 	Most	Middle	Least
<ul style="list-style-type: none"> • Alternative Solution 	Most	Middle	Least
<ul style="list-style-type: none"> • Environmental Assessment 	Most	Middle	Least
<ul style="list-style-type: none"> • Siting 	Most	Most	Least
COST	Marginal Difference (related to timing)		
SITING TIMEFRAME	Latest	Middle	Earliest
EA PROCESS RISK	Low	Medium	High