

## 5.0 ASSESSMENT OF ALTERNATIVES TO THE PROPOSED CRRRC

After concluding that there was a clear opportunity and need to enhance waste management and in particular waste diversion services to the IC&I and C&D sector in the Capital Region and eastern Ontario, Taggart Miller conducted an assessment to determine the best way that it could respond to this opportunity. In EA terms this is referred to as “Alternatives To” the proposed CRRRC. The assessment of Alternatives To is documented in the approved TOR, Section 4.0 of Supporting Document #1, and is summarized below.

Five alternatives were identified as follows:

Alternative 1 – Do Nothing.

Alternative 2 – Establish diversion facilities on a Taggart Miller Site and transfer residuals to other existing disposal sites in Ottawa, in eastern Ontario or in New York State.

Alternative 3 – Establish diversion facilities on a Taggart Miller Site and manage residuals disposal by means of a new landfill on the same Site.

Alternative 4 – Establish diversion facilities on one of the Taggart Miller Sites and manage residuals disposal by means of a landfill located off-Site at the other Taggart Miller Site.

Alternative 5 – Establish diversion facilities on one of the Taggart Miller Sites and manage residuals disposal by means of a thermal conversion facility on the same Site.

A screening assessment of the identified alternatives was conducted by considering the following questions:

- Does the alternative realistically address the identified opportunity?
- Is the alternative financially realistic and viable for Taggart Miller in terms of economic risks and benefits?
- Is the alternative within Taggart Miller’s ability to implement?

Taggart Miller also considered if the alternatives were likely to be approvable and likely to use proven technology. The advantages and disadvantages of the alternatives were also considered.

Based on the results of the screening assessment, Taggart Miller concluded that Alternative 3 – establish diversion facilities on a Taggart Miller Site and manage residuals disposal by means of a landfill for residuals and material not diverted on the same Site - was the only reasonable and economically feasible alternative for Taggart Miller to pursue.