

Approved Amended Terms of Reference
Waste Management of Canada Corporation
Twin Creeks Environmental Centre Landfill Optimization Project Environmental Assessment,
March 30, 2022

This document consists of:

- Waste Management of Canada Corporation, Terms of Reference Twin Creeks Environmental Centre Landfill Optimization Project Environmental Assessment, January 7, 2022,

and the following amendments:

- Page 5, new paragraph added to end of Section 3.1

This Terms of Reference was originally submitted on January 7, 2022 and was subsequently amended in March 2022 to include consideration of Policy 6.8 of the Food and Organic Waste Policy Statement as part of the EA (Section 5.1.2), outline how future leachate management requirements for the landfill will be considered in the EA (Section 8.2), and provide additional details on the consultation and engagement plan for the EA (Section 9.2).

- Page 9, additional text added to the fourth paragraph in Section 5.1.2

The Province of Ontario is also beginning to shift its legislation and economics towards a Circular Economy through the Strategy for a Waste Free Ontario: Building a Circular Economy and Ontario's Food and Organic Waste Framework. The Framework lays out a broad-based approach to attempt to achieve a vision of a circular economy that moves towards zero food and organic waste and zero GHG emissions from the waste sector. The Food and Organic Waste Policy Statement provides further direction for increasing waste reduction and resource recovery of food and organic waste in Ontario. In consideration of Policy 6.8 of the Food and Organic Waste Policy Statement, which directs that "proponents of new or expanded waste management systems for disposal should consider resource recovery opportunities for food and organic waste", WM will examine options for food and organic waste resource recovery and/or diversion opportunities as part of the EA.

- Page 18, new sentence added to the end of the last paragraph in Section 6.2

WM will qualitatively predict the effects for each alternative method on the environment. The assessment will be completed for each component based on the locations and conceptual designs for each alternative, including mitigation and the existing environmental conditions. Leachate management considerations for the EA are outlined in Section 8.2.

- Page 38, additional text added to the second paragraph in Section 8.2

Based on the preference for a vertical alternative method, WM has preliminarily identified four vertical expansion alternative methods for the future development of the landfill as described in **Section 6.2**. The alternative methods will be described in further detail in the EA Study Report. The description of the alternative methods will outline future leachate management requirements for the landfill. The long-term leachate management requirements will be described consistent with the approved Leachate Management Plan for the TCEC including a combination of on-site phytoremediation, trucking off-site to approved wastewater treatment plants and consideration of the future construction of an on-site treatment plant. The effects of climate change on the design approach and the effect of the conceptual design on climate change for the alternative methods will be included.

- Page 42, a new bullet point added to the list in Section 9.2.

Notification: notification will be provided by direct mail, email, newspapers (digital and/or print), and via the project website at key milestones during the EA. Key milestones may include the Notice of Commencement of EA, Existing Conditions/Alternative Methods, Identification of the Preferred Alternative, Draft EA Study Report review, and submission of the Final EA Study Report to the MECP. WM will provide notification by direct mail to all addresses within the local postal code surrounding the TCEC (e.g., through Canada Post neighbourhood mail or similar).