



REPORT

Environmental Compliance Approval Amendment
OWRA Application for the Ridge Landfill Expansion
Waste Connections of Canada
Ridge Landfill
ECA No. 3082-96EQPA

Submitted to:

Ministry of Environment, Conservation and Parks

Client Services and Permissions Branch
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Attention: Director

Submitted by:

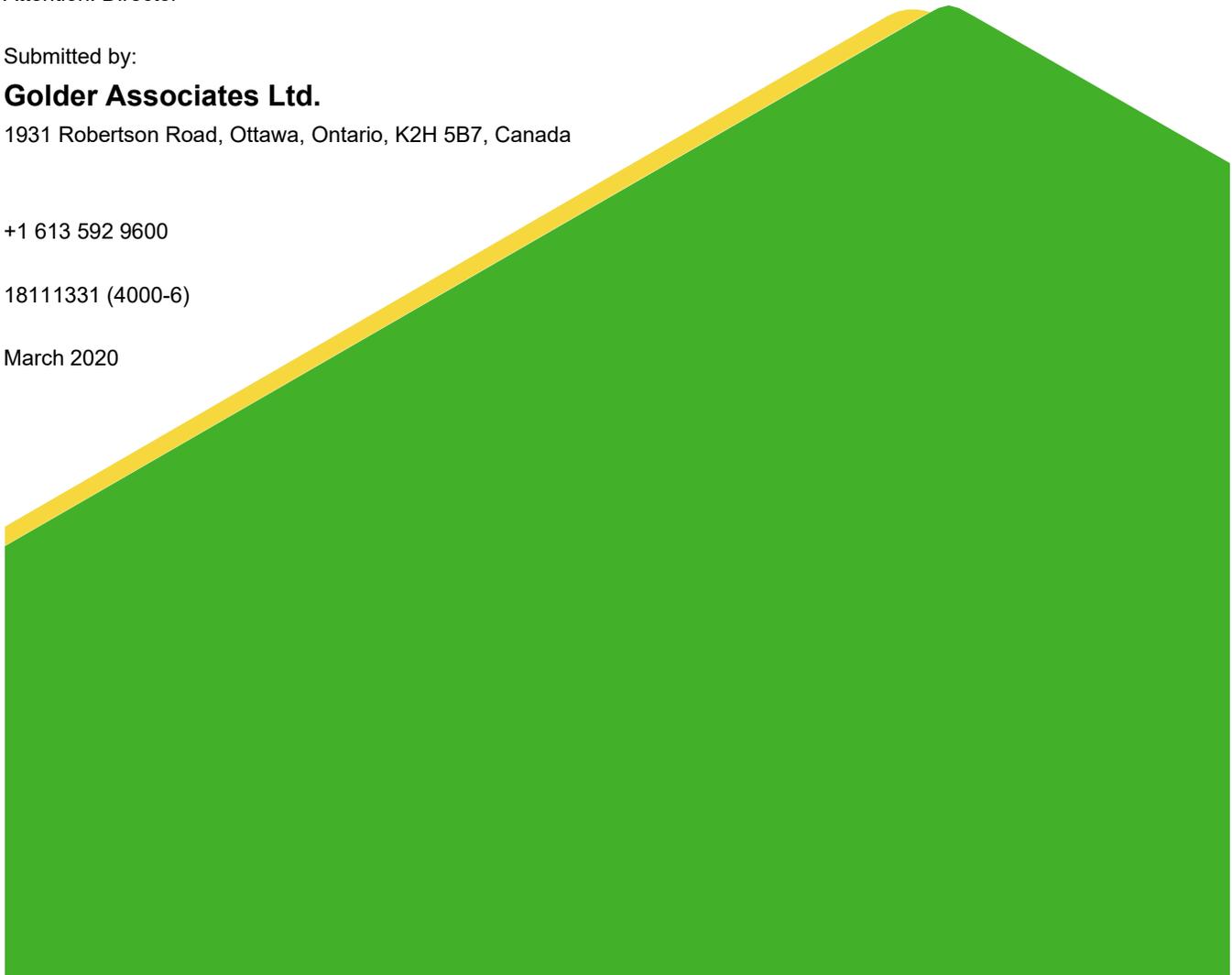
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Table of Contents

1.0 INTRODUCTION.....1

2.0 SUPPORTING DOCUMENTATION.....2

3.0 ADDITIONAL APPLICATION INFORMATION2

 3.1 EA Notice of Approval2

 3.2 Zoning2

4.0 CLOSURE.....3

APPENDICES

APPENDIX A
OWRA s.53 Environmental Compliance Approval Application Form

APPENDIX B
Proof of Legal Name

APPENDIX C
Site Plan

APPENDIX D
Supporting EA Documentation

APPENDIX E
Stormwater Management Design Brief

APPENDIX F
Effluent Criteria Memo

APPENDIX G
Stormwater Management Design Drawings

APPENDIX H
Stormwater Ditch Calculation Sheet

APPENDIX I
Zoning Map

APPENDIX J
Consultation Record

APPENDIX K
MECP Concurrence with Stormwater Pond Effluent Criteria

1.0 INTRODUCTION

Golder Associates Ltd. (Golder), on behalf of Waste Connections of Canada (the proponent; operating proponent of Ridge (Chatham) Holdings) is providing the following amendment application and supporting documentation under Section 53 of the *Ontario Water Resources Act* (OWRA) for the proposed Ridge Landfill Expansion.

The Ridge Landfill is an existing waste management facility located at 20262 Erieau Road near Blenheim, Ontario in the Municipality of Chatham-Kent. Ridge Landfill is currently approved under Environmental Compliance Approval (ECA) No. A021601 to receive IC&I waste and residential waste from the Municipality of Chatham-Kent and the surrounding counties of Essex, Lambton, Middlesex, and Elgin. The existing Ridge Landfill is projected to reach capacity in March 2021. With the proposed expansion of the landfill, Waste Connections of Canada (Waste Connections) is seeking to continue serving the IC&I sectors in southern and central Ontario and the residential waste needs of the Municipality of Chatham-Kent.

An Individual Environmental Assessment is being reviewed by the Ministry of Environment, Conservation and Parks (MECP) for approval under the *Environmental Assessment Act* (EAA) concurrently with the submission of this Environmental Compliance Application (ECA). Waste Connections is requesting priority review of the ECA application as the Ridge Landfill is projected to reach the approved capacity in 2021 and there is limited time available for the prescribed sequence of approvals and events (EA approval; ECA amendment application preparation, submission, MECP review and ECA issuance; detailed design for MECP review and approval; and construction of works associated with the initial phase of the expanded landfill). Issuance of the ECA approval is anticipated for mid-September 2020.

A Pre-Application Meeting for the submission of the ECA amendment application was held between representatives of MECP, Waste Connections, and Golder on February 24, 2020. A summary of this meeting is provided in Appendix J. In discussions with the MECP, it was advised that three separate applications would be submitted for the three MECP approvals described below, rather than submitting a multi-media application. The three MECP ECA amendments being sought for Ridge Landfill Expansion are:

- 1) *Environmental Protection Act, Section 27 (EPA, s.27)*: Application for an amendment to ECA No. A021601 for the design and operation of the proposed Ridge Landfill expansion.
- 2) *Ontario Water Resources Act, Section 53 (OWRA, s.53)*: Application for an amendment to ECA No. 3082-96EQPA for the stormwater management improvements for the proposed expansion of the landfill.
- 3) *Environmental Protection Act, Section 9 (EPA s.9)*: Application for an amendment to ECA No. 7958-7BMQGT for air (stationary) and noise related to the proposed Ridge Landfill expansion.

This ECA application is for activities at the Ridge Landfill that require approval under OWRA s.53. The ECA application form is provided in Appendix A. Supporting documentation for the ECA application is provided in the appendices to this document, as described below.

2.0 SUPPORTING DOCUMENTATION

The following documentation is provided in support of the ECA amendment application under EPA Section 53. The ECA Application Form is provided in Appendix A to this report.

- **Proof of Legal Name:** proof of the legal name of the proponent, Ridge (Chatham) Holdings, is provided in Appendix B.
- **Site Plan:** a plan showing the proposed Site is provided in Appendix C. The Site Plan includes the proposed layout of the landfill, stormwater management system and related site buildings and features.
- **Supporting EA Documentation:** the Notice of Submission of the Environmental Assessment is provided in Appendix D.
- **Stormwater Management Design Brief:** A Stormwater Management Design Brief was prepared and is included with this application in Appendix E.
- **Effluent Criteria Memo:** a technical memo detailing the stormwater management pond discharge objectives (effluent criteria) is provided in Appendix F.
- **Stormwater Management Design Drawings:** Design Drawings for the stormwater management system for the Site expansion are provided in Appendix G.
- **Stormwater Ditch Calculation Sheet:** a memo detailing the capacity of the stormwater ditches on site is provided in Appendix H. This attachment supplements the required Pipe Data Form.
- **Zoning Map:** a figure showing the zoning for the landfill and area is provided in Appendix I.
- **Consultation Record:** a record of the Pre-Application Meeting with the MECP on February 24, 2020 is provided in Appendix J.
- **Ministry Concurrence:** proof of MECP Regional Technical Support concurrence with the stormwater management pond effluent criteria is provided in Appendix K.

3.0 ADDITIONAL APPLICATION INFORMATION

3.1 EA Notice of Approval

As discussed during the Pre-Application Meeting held on February 24, 2020, the EA for the project has been submitted but not yet approved. Due to the currently anticipated timing of the Ridge Landfill reaching capacity in early 2021, the EA and EPA submissions require review concurrently such that landfilling services can be continued without disruption.

3.2 Zoning

Zoning for the existing Ridge Landfill is currently in place; A Zoning By-law Amendment (ZBA) application to the Municipality is being sought to amend the Comprehensive Zoning By-law to recognize the landfill expansion areas and to update the current uses on the property. It is anticipated that the zoning will be in place for the entire lands prior to ECA approval. The existing zoning by-law document requires amendments similar to the Official Plan in that many land parcels with differing designations have been added over the years. The revision requires the refinement of the current ranges of general and specific permitted land uses that apply to the multiple land parcels, and rezones the consolidated parcel into the designated "Landfill" (LF) zone with three (3) site specific sub-areas:

- main area that is currently and proposed to be landfill areas
- ancillary area to the north that will continue to support landfilling activities
- ancillary area to the southeast that will continue to support landfilling activities

Section 4.3 of the ECA application form asks if the current zoning permits the proposed activity. A yes or no answer is required and comments cannot be submitted. The Zoning By-law Amendment application is currently under review and it is anticipated that a recommendation will be presented to municipal council in Spring 2020. As it is anticipated that zoning will be in place prior to ECA approval, the “yes” box was checked off.

It was discussed during the Pre-Application Meeting on February 24, 2020 (summary provided in Appendix F) that the applications for ECA approval could be submitted without final zoning in place, noting that the zoning will be required to be in place prior to issuing the ECA.

3.3 Effluent Criteria

It was discussed during the Pre-Application Meeting that a copy of the Technical Memorandum for Proposed Stormwater Management Pond Discharge Objectives (effluent criteria) be provided to the Southwest Region Technical Support Team. The technical memorandum was submitted and the MECP concurrence received on March 30, 2020. Proof of concurrence is provided in Appendix K.

4.0 CLOSURE

We trust this submission meets your current requirements. Please contact the undersigned with any questions, or if any additional information is needed.

Yours truly,

Golder Associates Ltd.



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ETB/PLE/sg

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