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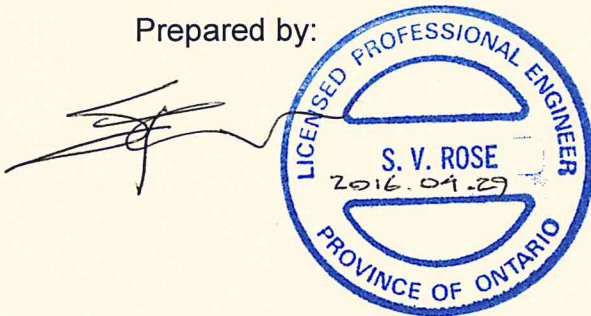
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April, 2016 – Audit Durham York Energy Centre

Operations Phase Audit - 2015
EA file no. 04-EA-02-08

Prepared for
Regional Municipality of Durham

Prepared by:



Malroz File: 795-114.00

Audit Site Visit
April 14 & 15, 2016

Audit Completion
April 29, 2016

Steven V. Rose, P.Eng., P.Geo., D.WRE
Auditor / Project Manager

Distribution:

1 copy + 1 pdf – Region of Durham
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NOTICE TO READER

This report summarizes the results of the 2015 Operations Audit of the Durham York Energy Center undertaken by *Malroz Engineering Inc.* Audit work was undertaken during the month of April, 2016, following completion of annual reporting. Key audit dates are noted on the signed title page of this Audit Report.

Malroz was retained by *The Regional Municipality of Durham* to perform this audit. The data evaluations reported herein were completed in a manner which is consistent with the level of care and skill normally exercised by other members of the engineering and geoscience professions currently practising under similar conditions, subject to the time, financial, and physical constraints applicable to these services.

The findings reported in this document are based on the tasks completed by *Malroz*. Professional judgement, experience with similar work, and available data collected within the scope of work form the basis for this report. *Malroz* has prepared this report using information understood to be factual and correct. This undertaking cannot be relied upon to detect information or facts that were inaccurate, concealed, or not fully disclosed at the time of our work beyond what is reported herein. No guarantees are either expressed or implied.

Environmental conditions can be expected to change over time. The findings and conclusions of this report are valid only at the time at which this work was conducted. If future work is undertaken, or new information becomes available, *Malroz* should be so advised in order to re-evaluate the conclusions of this report and make any necessary modifications.

This document has been prepared by *Malroz* for the sole use of *The Regional Municipality of Durham*, to evaluate compliance with respect to requirements set forth in regulations and permitting. Unauthorized reuse of this document for any other purpose, or by third parties, without the express written consent of *Malroz*, shall be at such party's sole risk without liability to *Malroz*.

Data, tables, charts, graphs, and interpretive illustrations presented in this document can only be properly evaluated when reviewed together with the accompanying report. Reference to this report should only be made to the full, intact document.

This notice to reader is an integral part of the accompanying report and must remain with it at all times.

Respectfully Submitted,

Malroz Engineering Inc.

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1.0 Introduction and Overview

1.1 Introduction

The MOECC approved construction of a mass burn incinerator in Clarington in 2010 following the completion of the EA. The facility reportedly will be capable of processing approximately 140,000 tonnes of post-diversion residual waste annually, as well as recovering metals and energy. The facility is located at 1835 Energy Drive, in the Municipality of Clarington. The 12-hectare parcel is situated north of the Courtice Water Pollution Control Plant in the Regional Municipality of Durham (see Figure 1, Appendix A).

This audit report documents the Operations Audit for 2015.

1.2 Report Overview

Condition 16 of the Notice of Approval to Proceed with the Undertaking, granted on October 21, 2010, and passed Order in Council on November 3, 2010, mandates that third party audits be completed. Further, the audit plan is to be approved by the Regional Director prior to implementation. Approval of the Operations Phase Audit Plan was received on October 24, 2013. The audit scope includes:

- 1) Confirmation that the operations at the Site are undertaken in accordance with the requirements of the EA Approval, Environmental Compliance Approval, and regulatory requirements.
- 2) A review of the monitoring and testing results required by the Certificate of Approval;
- 3) A review of any complaints received about the operation of the Facility;
- 4) A review of recommendations for improving the operation of the Facility received from the Advisory Committee;
- 5) Recommendations for any improvements to ensure that facility operations are compliant and protective of human health and safety and the environment;
- 6) Observations made during the detailed walkthrough of the entire site;

In addition to the above six scope items, we reviewed the fifth Construction Phase Audit dated, March, 2016, for any areas requiring follow up.

This audit report addresses the 2015 operations period and was completed, in part, during a two-day site visit conducted on April 14 and 15, 2016. A new audit summary checklist was prepared for this Operations Phase Audit to address the requirements of the EAA and ECA. The summary checklists, with auditors' notes made during the audit site visit, are attached in Appendices B1 and B2 for reference. The checklists were used to guide the site walkthrough, document review and personnel interviews.

Findings of the Durham York Energy Centre audit are summarized in the following sections of this audit report.

2.0 Audit Activities & Attendance

The audit personnel consisted of Steven Rose, P.Eng., P.Geo. (auditor) and John Pyke, P.Geo. (assistant auditor).

Malroz personnel attended the Durham York Energy Centre site on April 14 and 15, 2016, arriving at approximately 8:30 am each morning to conduct the audit documents review and site visit. Prior to entering the site, Malroz personnel conducted an initial drive around the perimeter of the site each day, where possible.

Personnel from the owners (Durham Region), and operator/constructor (Covanta) were onsite to support the audit. The Owners were represented by Lyndsay Waller and Greg Borchuck. Covanta was represented by Amanda Huxter.

The audit commenced with the document review at the Owner's offices, followed by Covanta's offices for the documents held by each party.

3.0 Site Walkthrough

On April 15, 2016, a walkthrough of the exterior portion of the facility was provided, including a review of documentation in the scale house. Following the exterior portion, a walkthrough of the interior portion of the facility was conducted. Photo documentation collected during the site walkthrough is attached (Appendix C). Notes collected during the walkthrough are provided in the audit summary checklists (Appendix B).

Lyndsay Waller from Durham Region led the exterior tour, which started in the Regions' offices. The tour proceeded in a counter clockwise direction around the site on the paved access roads.

Weather conditions were sunny and cold with some wind. A description of current site activity was provided. Signage was posted throughout the site identifying health and safety information. The refuelling tank was observed to be free of spills and a spill containment drum was placed adjacent to the tank. Little windblown debris was observed. Covanta reported following the walkthrough that all of their personnel routinely engage in debris pick up.

Sediment from the storm water management pond cleanout remained onsite pending offsite disposal following the removal of half load restrictions from roads. The material remained within a silt curtain enclosure.

The interior walkthrough was led by Greg Borchuck from Durham Region and Amanda Huxter from Covanta. The tour started in the tipping room and proceeded along the waste pathway from receipt to the storage of by product waste that is removed from the site for offsite disposal. Storage of unacceptable waste, metals and byproduct stabilized ash were observed to be in accordance with the approvals.

No areas of non-compliance were observed during the exterior and interior walkthroughs of the facility.

Three minor items were noted during the site walkthrough:

- Winter kill of some landscaping cedar plantings was noted on the grounds to the west of the main building & on-site roadway. The plants will require rehabilitation and, in some cases, replacement.
- The silt fence enclosing the temporarily stored storm water pond sediments had some gaps which required re-staking of those sections to ensure proper containment of these materials until their removal from the site.
- The steel protective cover enclosing the groundwater monitor in the southeast corner of the site is no longer secure and requires re-installation to ensure its ongoing integrity.

4.0 Documents Review

Approval and operations documents required onsite relating to the operations activities were evaluated during the site visit conducted on April 14 and 15, with follow-up cross-checks and confirmations completed remotely during the following two weeks (see Appendix B for Summary Audit Checklists). Document reviews included:

- review of the monitoring and testing results required by the Certificate of Approval and Environmental Assessment;
- review of any complaints received about the operation of the Facility;
- A review of recommendations for improving the operation of the Facility received from the Advisory Committee.

Onsite documents were reviewed at the Owners office, Covanta office and the scale house. Personnel from the Owners and Covanta participated in the document review in order to facilitate production of documents upon demand by the auditors.

Documents from the checklist were identified during the review as available or maintained onsite. As with the previous construction phase audit program, site staff were readily able to source documents and show relevant supporting documentation when requested by the audit team. This generally included providing the required documentation, when it was submitted and to whom, as well as confirmation of receipt by the party the report was submitted to.

A letter from the MOECC to the Owners and Covanta dated April 12, 2016, was provided during the audit which summarized the outcome of numerous site visits by MOECC staff relating to the Air Facility, Non-Hazardous Waste Transfer Processing and Industrial Sewage (storm water management) Inspection reports. The MOECC letter identified that the facility was operating in compliance with the ECA and EA Approvals at the completion of the inspections.

The approvals list documents which are required to be maintained on the project website (<http://www.durhamyorkwaste.ca>). A listing of these documents is found in the web document checklist (see Appendix D). Documents required to be available on the project website were listed and accessible on the website at the time of the audit review. The website further provided a number of additional documents, correspondence and meeting summary information including the ability to receive notifications of documents added to the website.

Summary of document review:

- Monitoring and testing results were available for review as required by the Certificate of Approval and Environmental Assessment;
- Individual complaints were documented and available onsite, along with action taken to resolve each complaint;
- Advisory committee minutes were available onsite and reviewed. No outstanding motions or recommendations for improving the operation of the facility were noted.

Non-compliance and omissions noted during the document review are listed in the following points:

- ECA 2(5)(e)(i) Amended in Notice No. 2 / ECA5(e)(i-ii) - identifies a maximum on 630 tonnes of Residual Waste limited to bottom ash to be stored [on site] ...
 - Site records identify that up to a maximum of 759 tonnes of bottom ash were stored on site while waste classification testing was being completed during the initial operations phase. The reasoning for this exceedance is clearly explained in the 2015 ECA Annual Report and supporting documents. However, no notice to the MOECC or acknowledgement of such notice from the MOECC was available for inspection during the documents review.
- ECA 4(3)(a)(iv) - Covanta issued a request to the MOECC via email dated January 7, 2015, to extend the period for temporary storage of unacceptable wastes to 90 days.
 - Acknowledgment and acceptance of this extension request by the MOECC was not available for inspection during the documents review.
- ECA 7(10)(b) – requires soil testing repeated every 3 years or as agreed upon by the Director.
 - No MOECC acknowledgement of receipt or acceptance was available during the documents review for the second testing submission (performed by WSP October 23, 2015).
- ECA 8(8) / ECA 8(9)(b) / EA 18(1) – requires an Odour Management and Mitigation Plan acceptable to the Director.
 - No MOECC documentation was available to acknowledge receipt and acceptability of the revised Odour Management and Mitigation Plan submitted on January 8, 2015.
- ECA 8(15) – requires visual screening in accordance with documentation in “Schedule A”.
 - Sign off for landscaping remains outstanding from the Municipality of Clarington.
- ECA 10(4) – requires the District Manager to identify if odour complaints control measures to be undertaken at the facility (as a result of the complaint).
 - No correspondence was available from the MOECC for inspection during the documents review to indicate the Director’s instructions (if any)
- EA 10(4) – requires submission of annual reports to the Director detailing results of the Waste Diversion Program Monitoring Plan.

- No correspondence was available from the MOECC in response to regional submissions by both Durham and York Regions on August 11, 2015.

5.0 Personnel Interviews

In keeping with the previous construction phase audits, personnel interviews were conducted during the course of the audit visit, including the document review, site walkthrough and audit wrap up. Project personnel were asked for clarifications, further descriptions and explanations by the audit team during the document reviews and site walkthrough to allow identification and resolution of items as they were identified. This included cross-referencing information between the Owners' and Covanta's offices. As with the previous construction phase audits, the site team including the owners' personnel, and operator, appeared to continue to be working well together. Each team member appeared to be well informed of the site activities and kept each other up to date on an ongoing basis. The auditors noted that this ongoing communication between the parties includes regular meetings.

Site personnel reported that the facility had come off of the shutdown that was underway at the time of the fifth construction phase audit reported in March, 2016.

As reported during that audit, Covanta identified that one complaint had been received and it was from Region staff who identified an odour at the site. The odour was determined to be from an offsite source and the report was prepared and filed to document the offsite concern for completeness.

Site staff reported visits from MOECC personnel and that no concerns had been identified to them by MOECC staff. Related documents were reviewed during the document review portion of the audit.

At the end of the audit, a wrap up discussion was held with the personnel attending the audit.

The interviews did not identify areas of non-compliance.

6.0 Summary and Recommendations

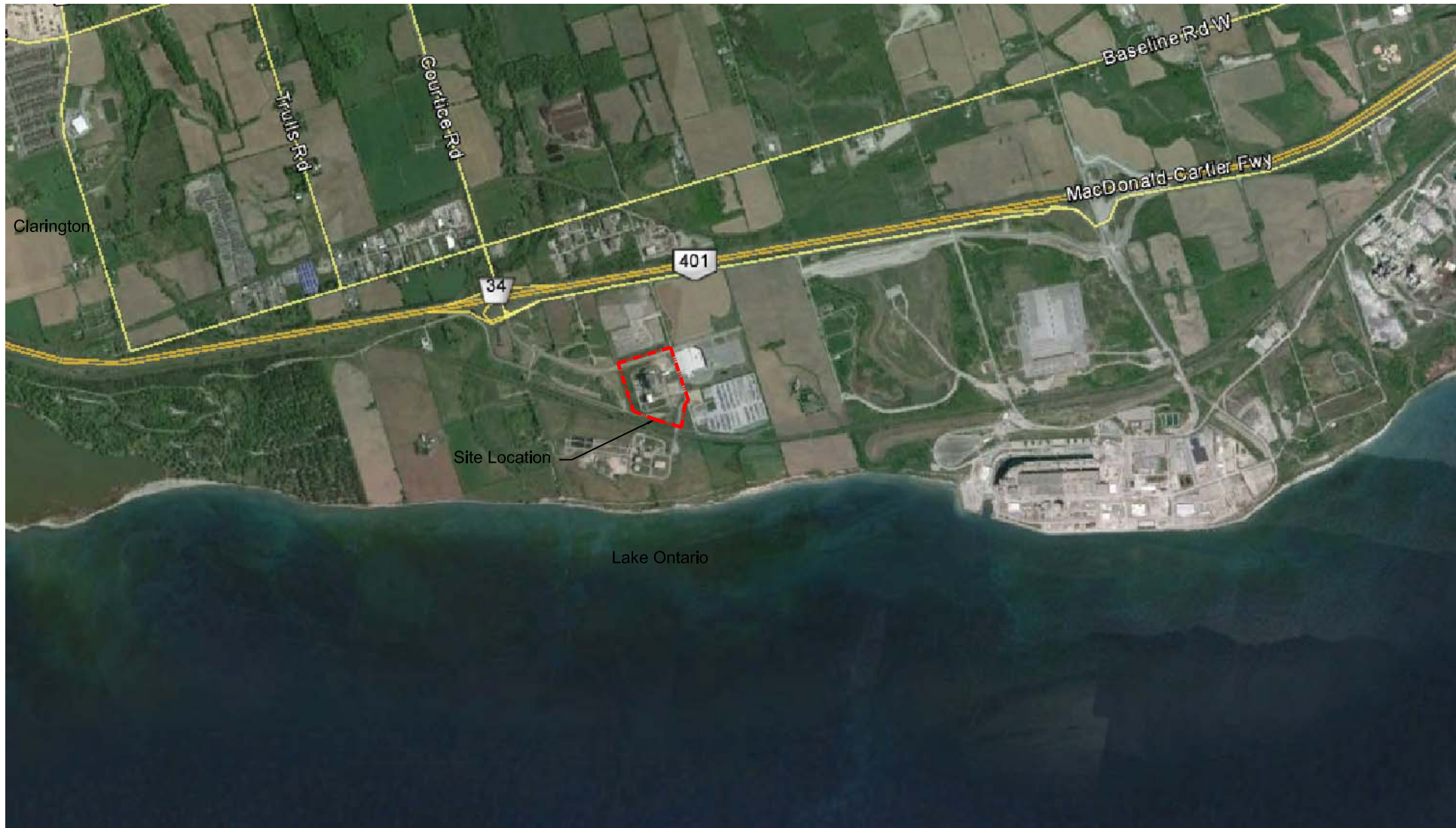
Section 16 of the Notice of Approval to Proceed with the Undertaking dated October 21, 2010, and passed by Order in Council on November 3, 2010, mandates that third party audits be completed. This audit reports on conditions encountered during the 2015 Operations Period.

The audit comprised three parts; document review, site walkthrough, and interviews. The components of this audit were completed during April, 2016. Areas of non-compliance were not identified. Two areas of minor were identified:

- silt fence conditions around the temporary storm water pond sediment storage require improvement
- The protective steel casing enclosure for the groundwater monitoring well in the southeast corner of the site requires re-securing..

In the opinion of the auditors, operations at the Site are undertaken in substantial accordance with the requirements of the EA Approval, Environmental Compliance Approval (formerly called a Certificate of Approval), and regulatory requirements.

Appendix A
Figure 1 - Site Location



Legend

—●—●—●—●—●— approximate property boundary

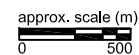
Rev	Date	Description	By	Chkd
D0	16/04/29	for review	ZL	EG

Energy Centre Site Location Plan

Operations Phase Audit - 2015
 Durham York Energy Centre
 Clarington, Ontario, Canada

File: 795-114.00

Figure
1



Note: figure based on Google Earth Imagery retrieved from May 27, 2015.

Appendix B
Audit Summary Checklists

Appendix B1 Environmental Compliance Approval (ECA) Audit Table

Auditor Checklist		ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item	Condition		
1	<p>GENERAL Compliance ECA 1(1) The Owner shall ensure compliance with all the conditions of this Certificate and shall ensure that any person authorized to carry out work on or operate any aspect of the Site, including the Works, is notified of this Certificate and the conditions herein and shall take all reasonable measures to ensure any such person complies with the same.</p>	ECA 1 (1)	Refer to Project Agreement Articles 9, 10, 42. Statement of Compliance in Letter March 31, 2016 to MOECC (Dugas) from OWNERS (Januszkiewicz , McDowell and Matthew Neild (COVANTA)).
2	<p>(2) Any person authorized to carry out work on or operate any aspect of the Site shall comply with the conditions of this Certificate.</p>	ECA 1 (2)	Refer to Project agreement.
3	<p>Build in Accordance ECA 1(3)(a) Except as otherwise provided by this Certificate, the Site shall be designed, developed, built, operated, monitored, inspected and maintained in accordance with the following applications: (i) Applications for a Certificate of Approval (Air) dated March 2, 2011, each signed by Cliff Curtis, Commissioner of Works, The Regional Municipality of Durham, by Erin Mahoney, Commissioner of Environmental Services, The Regional Municipality of York and by Matthew R. Mulcahy, Senior Vice President, Business Development, Covanta Durham York Renewable Energy Limited Partnership, and the Supporting Documentation listed in the attached Schedule "A".</p>	ECA 1 (3)(a)(i)	Refer to MOECC Inspections. Design & Build Permits, HDR sign off. Substantial Performance Statement February 2, 2016, OWNERS (Januszkiewicz) to COVANTA. COVANTA Acceptance Test Report November 25, 2015. Facility acceptance Test Certificate January 28, 2016.
4	<p>ECA 1(3)(a)(ii) Applications for a Provisional Certificate of Approval (Waste Disposal Site) dated March 2, 2011, each signed by Cliff Curtis, Commissioner of Works, The Regional Municipality of Durham, by Erin Mahoney, Commissioner of Environmental Services, The Regional Municipality of York and by Matthew R. Mulcahy, Senior Vice President, Business Development, Covanta Durham York Renewable Energy Limited Partnership, and the Supporting Documentation listed in the attached Schedule "A".</p>	ECA 1 (3)(a)(ii)	IESO sign off dated February 8, 2016 & see item 3 comment.
5	<p>ECA 1(3)(a)(iii) Applications for a Certificate of Approval of Municipal and Private Sewage Works dated March 2, 2011, each signed by Cliff Curtis, Commissioner of Works, The Regional Municipality of Durham, by Erin Mahoney, Commissioner of Environmental Services, The Regional Municipality of York and by Matthew R. Mulcahy, Senior Vice President, Business Development, Covanta Durham York Renewable Energy Limited Partnership, and the Supporting Documentation listed in the attached Schedule "A".</p>	ECA 1 (3)(a)(iii)	IESO sign off dated February 8, 2016 & see item 3 comment.
6	<p>ECA 1(3)(b) (i) Any design optimization or modification that is inconsistent with the conceptual design set out in the Supporting Documentation in Schedule "A" shall be clearly identified, along with an explanation of the reasons for the change and submitted to the Director for approval.</p>	ECA 1(3)(b)(i)	No Changes reported by Region of Durham personnel (N/A).
7	<p>ECA 1(3)(b)(ii) If a change to the conceptual design is submitted to the Director for approval, no construction of the Site shall commence prior to the Director approving, in writing, the final conceptual design of the Site.</p>	ECA 1(3)(b)(i)	N/A.

**Appendix B1
Environmental Compliance Approval (ECA) Audit Table**

Auditor Checklist		ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item	Condition		
8	<p>As-built Drawings ECA 1(4)(a) Within ninety (90) days of the completion of the initial successful Source Testing program, a set of as-built drawings showing the Facility and the Works and bearing the stamp of a Professional Engineer, shall be prepared and retained at the Site. (b) These drawings shall be kept up-to-date through revisions undertaken from time to time and a copy shall be retained at the location of the Site or at the operational office of the Owner for the operational life of the Site. (c) Notwithstanding provisions of Condition 1.(4)(b), an amendment to this Certificate shall be sought for changes to the as-built drawings, requiring approval. (d) The as-built drawings shall be made available to Ministry staff upon request.</p>	ECA 1(4)	Due March 14, 2016, to be reported in 2016 audit.
9	<p>Interpretation ECA 1(5) Where there is a conflict between a provision of any document, including the application referred to in this Certificate and the conditions of this Certificate, the conditions in this Certificate shall take precedence. (6) Where there is a conflict between the applications and a provision in any documents listed in Schedule "A", the applications shall take precedence, unless it is clear that the purpose of the document was to amend the applications and that the Ministry approved the amendment. (7) Where there is a conflict between any two documents listed in Schedule "A", other than the applications, the document bearing the most recent date shall take precedence. (8) The requirements of this Certificate are severable. If any requirement of this Certificate, or the application of any requirement of this Certificate to any circumstance, is held invalid or unenforceable, the application of such requirement to other circumstances and the remainder of this Certificate shall not be affected thereby.</p>	ECA 1(5) ECA 1(6) ECA 1(7) ECA 1(8)	N/A - interpretations of conflicting instructions reported by Region of Durham personnel not to be an issue.
10	<p>Other Legal Obligations ECA 1(9) The issuance of, and compliance with the conditions of this Certificate does not: (a) relieve any person of any obligation to comply with any provision of any applicable statute, regulation or other legal requirement; or (b) limit in any way the authority of the Ministry to require certain steps be taken or to require the Owner to furnish any further information related to compliance with this Certificate.</p>	ECA 1(9)	N/A.

**Appendix B1
Environmental Compliance Approval (ECA) Audit Table**

Auditor Checklist		ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item	Condition		
11	<p>Adverse Effects ECA 1(10) The Site shall be constructed, operated and maintained in a manner which ensures the health and safety of all persons and prevents adverse effects on the natural environment or on any persons. (11) The Owner shall take steps to minimize and ameliorate any adverse effect on the natural environment or impairment of water quality resulting from the approved operations at the Site, including such accelerated or additional monitoring as may be necessary to determine the nature and extent of the effect or impairment. (12) Despite the Owner or any other person fulfilling any obligations imposed by this Certificate, the person remains responsible for any contravention of any other condition of this Certificate or any applicable statute, regulation, or other legal requirement resulting from any act or emission that caused the adverse effect to the natural environment or impairment of water quality. (13) If at any time odours, pests, litter, dust, noise or other such negative effects are generated at this Site and cause an adverse effect, the Owner shall take immediate appropriate remedial action that may be necessary to alleviate the adverse effect, including suspension of all waste management activities if necessary.</p>	<p>ECA 1(10) ECA 1(11) ECA 1(12) ECA 1(13)</p>	<p>(11) no reports of adverse effect, no changes in monitoring. (12) Legal obligations acknowledged by Region of Durham personnel. (13) Odour Management Plans Dust, Vermin, Site Inspections. None attributable to this Facility. COVANTA - notification Reports to the Ministry. No reports of adverse impact by Region of Durham staff. See plans mandated in EA/ECA.</p>
12	<p>Change of Ownership ECA 1(14) The Regions shall notify the Director in writing, and forward a copy of the notification to the District Manager, within thirty (30) days of the occurrence of any changes: (a) the ownership of the Site; (b) the operator of the Site; (c) the address of the Regions; (d) the partners, where the Regions are or at any time become a partnership and a copy of the most recent declaration filed under the Business Names Act, R.S.O. 1990, c. B.17, as amended, shall be included in the notification; (e) the name of the corporation where the Regions are or at any time become a corporation, other than a municipal corporation, and a copy of the most current information filed under the Corporations Information Act, R.S.O. 1990, c. C.39, as amended, shall be included in the notification.</p>	<p>ECA 1(14)</p>	<p>N/A - no changes in 2015.</p>
13	<p>ECA 1(15) No portion of this Site shall be transferred or encumbered prior to or after closing of the Site unless the Director is notified in advance. In the event of any change in ownership of the Site, other than change to a successor municipality, the Regions shall notify the successor of and provide the successor with a copy of this Approval, and the Regions shall provide a copy of the notification to the District Manager and the Director.</p>	<p>ECA 1(15)</p>	<p>N/A - no changes in 2015.</p>

**Appendix B1
Environmental Compliance Approval (ECA) Audit Table**

Auditor Checklist		Condition	ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item				
14	<p>Inspections by the Ministry ECA 1(16) No person shall hinder or obstruct a Provincial Officer from carrying out any and all inspections authorized by the OWRA, the EPA, the PA, the SDWA or the NMA of any place to which this Certificate relates, and without limiting the foregoing:</p> <p>(a) to enter upon the premises where the approved processing is undertaken, or the location where the records required by the conditions of this Certificate are kept;</p> <p>(b) to have access to, inspect, and copy any records required to be kept by the conditions of this Certificate;</p> <p>(c) to inspect the Site, related equipment and appurtenances;</p> <p>(d) to inspect the practices, procedures, or operations required by the conditions of this Certificate;</p> <p>(e) to conduct interviews with staff, contractors, agents and assignees of the Owner; and</p> <p>(f) to sample and monitor for the purposes of assessing compliance with the terms and conditions of this Certificate or the EPA, the OWRA, the PA, the SDWA or the NMA.</p>	ECA 1(16)	<p>MOECC Non-hazardous Waste Transfer, Processing Inspection Report October 5, 2015.</p> <p>Reported to owners by MOECC April 12, 2016, that facility operating in compliance with ECA & EA.</p>	
15	<p>Information ECA 1(17) Any information requested by the Ministry, concerning the operation of the Site and its operation under this Certificate, including but not limited to any records required to be kept by this Certificate, manuals, plans, records, data, procedures and supporting documentation shall be provided to the Ministry, in a timely manner, upon request.</p>	ECA 1(17)	<p>As reported by staff, Ministry requests are addressed in a timely manner.</p> <p>Reported to owners by MOECC April 12, 2016, that facility operating in compliance with ECA & EA.</p>	
16	<p>ECA 1(18) The receipt of any information by the Ministry or the failure of the Ministry to prosecute any person or to require any person to take any action, under this Certificate or under any statute, regulation or other legal requirement, in relation to the information, shall not be construed as:</p> <p>(a) an approval, waiver, or justification by the Ministry of any act or omission of any person that contravenes any term or condition of this Certificate or any statute, regulation or other legal requirement; or</p> <p>(b) acceptance by the Ministry of the information's completeness or accuracy.</p>	ECA 1(18)	N/A.	
17	<p>ECA 1(19) The Owner shall ensure that a copy of this Certificate, in its entirety and including all its Notices of Amendment and the Supporting Documentation listed in Schedule "A" are retained at the Site at all times.</p>	ECA 1(19)	Observed in hardcopy at DYEC library.	
18	<p>SERVICE AREA, APPROVED WASTE TYPES, RATES and STORAGE ECA 2(1) The service area for the Site is the area within the jurisdictional boundaries of The Regional Municipality of Durham and The Regional Municipality of York.</p>	ECA 2(1)	Refer to February 4, 2016 - 2015 Tonnage Report.	
19	<p>ECA 2(2) The operation of this Site is limited to:</p> <p>(a) receipt, temporary storage, transfer and processing, including thermal treatment, of solid non-hazardous waste remaining after Waste Diversion required by the EA Approval, limited to Waste from the following sources:</p> <p>(i) domestic waste and Industrial Commercial and Institutional waste from the Regions' curbside collection and/or from the Regions' waste management facilities; and</p> <p>(ii) waste generated on-Site through activities not relating to the handling and processing of Waste (ie. office, lunch room, etc.);</p> <p>(b) collection and management of the storm water run-off generated at the Site.</p>	ECA 2(2)	<p>Staff description of programs in place.</p> <p>See waste receipt logs COVANTA.</p> <p>Waste diversion and transfer station reports.</p>	

Appendix B1 Environmental Compliance Approval (ECA) Audit Table

Auditor Checklist		ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item	Condition		
20	ECA 2(3) The following Unacceptable Waste is prohibited from being accepted at the Site: (a) hazardous waste, as defined in the O. Reg. 347; (b) wastes which have been source-separated for the purposes of diversion;	ECA 2(3)(a) ECA 2(3)(b)	Refer to COVANTA SOP U-REF-1 for descriptions of unacceptable wastes Logs of unacceptable waste are kept on site
21	ECA 2(3)(c) international waste generated outside of Canada, but collected within the jurisdictional boundaries of The Regional Municipality of Durham and The Regional Municipality of York.	ECA 2(3)(c)	Refer to February 4, 2016 - 2015 Tonnage Report.
22	ECA 2(4) Waste Receipt Rate: (a) The maximum daily amount of Waste that is approved to be accepted at the Site shall not exceed 1,520 tonnes per day.	ECA 2(4)	Refer to Section 2 -2015 ECA Annual Report. Maximum amount of waste received in one day reported as 889.04 tonnes (October 29).
23	Storage Restrictions: Solids ECA 2(5)(a) A maximum of 7,350 cubic metres shall be stored inside the Waste pit within the Tipping Building as shown in the Supporting Documentation.	ECA 2(5)(a)	Refer to Table 9 - 2015 ECA Annual Report. Maximum amount of waste stored on site reported as 5,632 tonnes, occurring in December.
24	ECA 2(5)(b) Rejected Waste, limited to the Bulky Unprocessable Items removed from the incoming Waste in the Tipping Building shall be stored: (i) in two (2) roll-off bins having a maximum total storage capacity of 30 cubic metres, located within the confines of the Tipping Building; and/or (ii) in the appropriate dedicated bunkers, located within the confines of the Residue Building and described in Conditions 2(5)(c), 2(5)(d) and 2(5)(d).	ECA 2(5)(b)	ECA 2 (5)(b)(i) observed during site walk. 2015 ECA Annual Report. 0.89 tonnes of rejected waste shipped off site in 2015. No Bulky unprocessable items received to date as reported by COVANTA. one bin located on site at this time.
25	ECA 2(5)(b)(iii) The Owner may use equipment used to handle the hazardous wastes to handle other wastes provided that prior to such use the equipment has been thoroughly cleaned first.	ECA 2(5)(b)	Loader in Ash residue building observed during site visit.
26	ECA 2(5)(c) A maximum of approximately 77 tonnes or 106 cubic metres of the Residual Waste, limited to the recovered ferrous metals , shall be stored in one (1) dedicated bunker, located within the confines of the Residue Building, described in the Supporting Documentation. The storage duration is limited to a maximum of seven (7) days. ** Amendment Notice No. 5 (March 14, 2016) removed the time limit of 7 days.	ECA 2(5)(c)	ECA Annual Table 9 (Max 63.5 tonnes recorded December 2015) 1 dedicated bunker site observation.
27	ECA 2(5)(d) A maximum of approximately 120 tonnes or 100 cubic metres of the Residual Waste, limited to the recovered non-ferrous metals , shall be stored in one (1) dedicated bunker, located within the confines of the Residue Building, described in the Supporting Documentation. The storage duration is limited to a maximum of seven (7) days. ** Amendment Notice No. 5 (March 14, 2016) removed the time limit of 7 days.	ECA 2(5)(d)	2015 ECA Annual Report - Table 9 Max = 28.2tonnes in August.

Appendix B1 Environmental Compliance Approval (ECA) Audit Table

Auditor Checklist		ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item	Condition		
28	<p>ECA 2(5)(e) (i) A maximum of 630 tonnes of the Residual Waste, limited to the bottom ash shall be stored in two (2) dedicated bunkers, located within the confines of the Residue Building, described in the Supporting Documentation.</p> <p>(ii) The storage duration of bottom ash in the bunkers is limited to a maximum of seven (7) days.</p> <p>(iii) Should additional storage location(s) and a longer storage duration be required during testing, a minimum of forty eight (48) hours before the storage parameters are changed from those approved in Condition 2.(5)(e)(i) and (ii), the Owner shall notify the District Manager, in writing, of the proposed changes and provide the reasons for the changes.</p> <p>** Amendment Notice No. 5 (March 14, 2016) removed the time limit of 7 days.</p>	ECA 2(5)(e)	<p>Amended October 24, 2014</p> <p>February, 2015: 759 tonnes bottom ash on-site pending compliance testing - see section 4 of ECA Annual Report 2015. Refer to Golder Ash Sampling and Testing Protocol.</p> <p>No explicit notification to District Manager during testing.</p> <p>2015 ECA Annual Report, peaked at 759 tonnes per section 4.</p> <p>No notification to MOECC.</p>
29	<p>ECA 2(5)(f) A maximum of 700 tonnes of the Residual Waste, limited to the fly ash shall be stored in seven (7) dedicated bunkers, located within the confines of the Residue Building, described in the Supporting Documentation. The storage duration is limited to a maximum of thirty six (36) days.</p>	ECA 2(5)(f)	Table 9 2015 ECA Annual Report: peak storage (580 tonnes) occurred March 2015.
30	<p>ECA 2(5)(g) A maximum of 85 cubic metres of activated carbon for the carbon injection system shall be stored in one (1) outdoor tank, located adjacent to the APC Building.</p>	ECA 2(5)(g)	Tank observed during site visit.
31	<p>ECA 2(5)(h) A maximum of 150 cubic metres of lime for the dry scrubber shall be stored in one (1) or more indoor tank(s), located within the confines of the APC Building.</p>	ECA 2(5)(h)	Lime storage vessel observed during site visit.
32	<p>ECA 2(5)(i) If required, recirculated residue shall be stored in one (1) or more indoor tank(s), located within the confines of the APC Building.</p>	ECA 2(5)(i)	Not required to date; observed during site visit.
33	<p>ECA 2(5)(j) A maximum of 35 tonnes or 25 cubic metres of cement for fly ash conditioning shall be stored in one (1) outdoor silo, located adjacent to the Residue Building.</p>	ECA 2(5)(j)	Silo observed during site visit.
34	<p>ECA 2(5)(k) A maximum of 25 tonnes or 45 cubic metres of pozzolan for fly ash conditioning shall be stored in one (1) outdoor silo, located adjacent to the Residue Building.</p>	ECA 2(5)(k)	Silo observed during site visit.
35	<p>Liquids ECA 2(5)(l)(i) A maximum of 36 cubic metres or 40 tonnes of aqueous ammonia for the SNCR System shall be stored in one (1) outdoor tank, located adjacent to the APC Building.</p>	ECA 2(5)(l)(i)	Storage vessel observed during site visit.
36	<p>ECA 2(5)(l)(ii) The Owner shall ensure that the aqueous ammonia storage tank is equipped with a liquid level monitoring device designed to provide a visual and an auditory alarm when the high level set point is reached</p>	ECA 2(5)(l)(ii)	Monitoring/alarm equipment observed during site visit.
37	<p>ECA 2(5)(l)(iii) The aqueous ammonia storage tank spill containment area and the loading area shall be designed in accordance with the requirements in the Ministry's document entitled "Guidelines for Environmental Protection Measures at Chemical and Waste Storage Facilities" dated May 2007, as amended.</p>	ECA 2(5)(l)(iii)	Containment observed during site visit.

Appendix B1 Environmental Compliance Approval (ECA) Audit Table

Auditor Checklist		ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item	Condition		
38	ECA 2(6) No outdoor storage of waste , including storage in vehicles, is approved under this Certificate	ECA 2(6)	None observed during site visit.
39	ECA 2(7) The Owner shall ensure that storage of all wastes is undertaken in a manner that does not cause an adverse effect or a hazard to the environment or any person.	ECA 2(7)	Facility visit exhibited good storage (containment and management of wastes on site).
40	ECA 2(8)(a) Waste received at the Site shall be processed within four (4) days from its Emergency Waste storage duration extension:	ECA 2(8)(a)	No emergency waste receipt reported.
41	Emergency Waste storage duration extension: ECA 2(8)(b) Emergency Waste storage duration extension: (i)The Owner may store the incoming Waste inside the tipping pit within the confines of the Tipping Building for up-to seven (7) days from its receipt at the Site, on an emergency basis only. (ii) Within twenty four (24) hours from the start of the emergency storage of the incoming Waste, the Owner shall notify, in writing, the District Manager that the incoming Waste is being stored longer then four (4) days. (iii) Should there be public complaints about the extended incoming Waste storage, the Owner, in consultation with the District Manager, shall determine the cause of the complaints, propose appropriate abatement measures, including but not be limited to the removal and off-site disposal of the Waste contained in the tipping pit, and implement the said measures upon receiving written concurrence from the District Manager within the time frame acceptable to the District Manager.	ECA 2(8)(b)	Extension not required in 2015 Plant Shutdown & Odor Mitigation. (i) Covanta staff report that time limit was not exceeded (ii)Refer to Aug 7, 2015 Letter OWNERS (Januszkiewicz & McDowell) to MOECC (Dugas). (iii) No complaints received by OWNERS.
42	ECA 2(9) In the event that Waste cannot be processed at the Site and the Site is at its approved storage capacity, the Owner shall cease accepting additional Waste. Receipt of additional Waste may be resumed once such receipt complies with the waste storage limitations approved in this Certificate.	ECA 2(9)	COVANTA Tipping Records identify that storage capacity was not reached. See items 22 and 23.
43	Signs and Site Security ECA 3(1) Prior to receipt of Waste at the Site, the Owner shall ensure that a sign is posted at the entrance to the Site. The sign shall be visible from the main road leading to the Site. The following information shall be included on the sign: (a) name of the Owner; (b) this Certificate number; (c) hours during which the Site is open; (d) waste types that are approved to be accepted at the Site; (e) Owner's telephone number to which complaints may be directed; (f) Owner's twenty-four hour emergency telephone number (if different from above); (g) a warning against unauthorized access; and (h) a warning against dumping at the Site.	ECA 3(1)	Observed, during site visit. See Appendix C photo documentation. Spills action phone number displayed in addition to extra requirements. Sign at roadway to scale and at fence, as well as at main entrance.
44	ECA 3(2) The Owner shall ensure that appropriate and visible signs are posted at the Site clearly identifying the wastes and the process reagents and stating warnings about the nature and any possible hazards of the wastes and the reagents.	ECA 3(2)	Observed and photographed during site visit. See Appendix C photos.
45	ECA 3(3) The Owner shall ensure that appropriate and visible signs are posted at the Site to prohibit smoking, open flames or sources of ignition from being allowed near any flammable materials storage areas.	ECA 3(3)	Observed and photographed during site visit. See Appendix C photos.
46	ECA 3(4) The Owner shall install and maintain appropriate and visible signs at the Site to direct vehicles to the Waste receiving and Residual Waste removal areas and to the reagent unloading areas.	ECA 3(4)	Observed and photographed during site visit. See Appendix C photos.
47	ECA 3(5) The Owner shall post appropriate and visible signs along the traffic route providing clear directions to the Site.	ECA 3(5)	Observed at entrance road / visitor parking lot.

Appendix B1 Environmental Compliance Approval (ECA) Audit Table

Auditor Checklist		ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item	Condition		
48	ECA 3(6) The Owner shall ensure that the Site is fenced in and that all entrances are secured by lockable gates to restrict access only to authorized personnel when the Site is not open.	ECA 3(6)	Observed during site visit.
49	ECA 3(7) The Owner shall ensure that access to the Site, with the exception of the area designated as a Public Information Centre, is regulated and that no unauthorized persons are permitted at the Site without the Trained Personnel escort.	ECA 3(7)	Observed during site visit.
50	ECA 3(8) The Owner shall ensure that the Site is operated in a safe and secure manner, and that Waste, the Residual Waste and the Unacceptable Waste are properly handled, packaged or contained and stored so as not to pose any threat to the general public and the Site personnel.	ECA 3(8)	HASP in place with training and incident reporting, hazard signage through out facility.
51	Site Operations: Operating hours: ECA 4(1)(a) The Site is approved to operate twenty-four (24) hours per day three hundred and sixty-five (365) days per year. ECA 4(1)(b) Not with standing Condition 4.(1)(a), Waste shall only be received at the Site and the Residual Waste shall only be transferred from the Site between 7:00 a.m. and 7:00 p.m. Monday to Saturday. No receipt of the Waste or transfer of the Residual Waste shall be undertaken on statutory holidays.	ECA 4(1)(a) ECA 4(1)(b)	(a) N/A. (b) Hours of operation 7:00 to 19:00 Monday to Saturday, as per commercial entrance sign.
52	ECA 4(1)(c) Emergency Receipt of Waste: (i) The Owner may receive Waste at the Site outside of the operating hours specified in Condition 4.(1)(b) , above, on an emergency basis only. (ii) Within twenty four (24) hours from the receipt of Waste outside of the approved receiving hours, the Owner shall notify, in writing, the District Manager that Waste was received outside of the approved receiving hours. (iii) Should there be complaints about Waste shipments outside of the approved hours, the Owner, in consultation with the District Manager, shall determine the cause of the complaint, propose appropriate abatement measures and implement the said measures upon receiving written concurrence from the District Manager within the time frame acceptable to the District Manager.	ECA 4(1)	(i) No emergency events reported in 2015. (ii) Confirmed by COVANTA (no events in 2015). (iii) No complaints reported.
53	ECA 4(2) Site Operations: Incoming Waste receipt: (a) At the weigh scale, the Trained Personnel shall: (i) inspect the required documentation prior to acceptance of the incoming Waste at the Site; and (ii) inspect the incoming Waste with radiation detection equipment. (b) In the Tipping Building, the Trained Personnel shall: (i) visually inspect all incoming Waste being unloaded into the Waste pit; and (ii) once per hour, or as accepted by the District Manager, unload the incoming Waste on the tipping floor for a manual visual inspection and sorting of the incoming Waste. (c) The Owner shall only accept the incoming Waste that is delivered in vehicles that have been approved by the Ministry. (d) The Owner shall ensure that all unloading of incoming Waste at the Site takes place entirely within the confines of the Tipping Building.	ECA 4(2)	(a) SOPs observed in Scale House. Training documentation observed at COVANTA offices. (ii) Radiation detection at scale 4(2)(a)(i) Visual inspection. Enclosed not hanging out of vehicle. 4(2)(a)(ii) to 4(2)(d) Observed procedures documented. Unacceptable waste log; source, type of waste, summarized, and tracking of unacceptable waste off site disposal.

Appendix B1 Environmental Compliance Approval (ECA) Audit Table

Auditor Checklist		ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item	Condition		
54	<p>ECA 4(3) Site Operations: Unacceptable Waste handling: (a) In the event that waste that is not approved under this Certificate is inadvertently accepted at the Site, the Owner shall ensure that the Unacceptable Waste: (i) is stored in a way that ensures that no adverse effects result from its storage; (ii) is segregated from all other waste; (iii) is handled and removed from the Site in accordance with the O. Reg. 347 and the EPA; and (iv) is removed from the Site within (4) days of its receipt or as acceptable to the District Manager. (b) The Owner shall ensure that all loading of the Unacceptable Waste into transport vehicles is carried out entirely within the confines of the Tipping Building.</p>	ECA 4(3)	<p>4(3)(a)(i-iii) Waste Screening Report documents inspection; segregation; storage and off site removal. Observed during site visit, see Appendix C photos. 4(3)(a)(iv) Email (January 7, 2015) from COVANTA to MOECC to extend to 90 days. 4(3)(b) Facility observed to be enclosed within the Tipping building during site visit.</p>
55	<p>ECA 4(4) Site Operations: Waste Sorting: (a) The Trained Personnel shall remove the Bulky Unprocessable Items and Unacceptable Waste from the incoming Waste prior to charging of the Waste to the Boilers. (b) All sorting of the incoming Waste at the Site shall be undertaken indoors, within the confines of the Tipping Building and/or the Refuse Building.</p>	ECA 4(4)	<p>Facility observed and sorting of unacceptable wastes observed during site visit. 4(4)(b) See item 54. Sorting observed indoors in Tipping Building during site visit.</p>
56	<p>ECA 4(5)(a) Residual Waste Handling and Disposal: (a) (i) Except for transportation of the Residual Waste between the Grizzly Building and the Residue Building, the Owner shall ensure that all handling of the bottom ash and its segregated constituents, and of the fly ash, is undertaken within the confines of enclosed conveyors and enclosed buildings. (ii) The Owner shall ensure that all loading of the Residual Waste into vehicles for its transport from the Site is carried out entirely within the confines of the Residue Building.</p>	ECA 4(5)(a)	<p>4(5)(a)(i) Observed truck entering: Residue building and other conveyances enclosed during site visit. 4(5)(a)(ii) Observed during site visit.</p>
57	<p>ECA 4(5) Residual Waste Handling and Disposal: (b) (i) Different constituents of the Residual Waste shall not be comingled prior to the required compliance testing, unless all Residual Waste is to be disposed of at a Waste Disposal Site that is approved to accept hazardous waste. (ii) The Owner shall ensure that the equipment used in handling of the hazardous wastes or that came in direct contact with the hazardous wastes is not used to handle other wastes. (iii) The Owner may use the equipment that comes in contact with the hazardous wastes to handle other wastes provided that prior to such use, the equipment has been cleaned, as confirmed by visual inspections, to ensure the removal of any hazardous waste residues and to prevent cross contamination.</p>	ECA 4(5)(b)	<p>4(5)(b)(i) Reference compliance ASTL Testing Report. 4(5)(b)(ii) to 4(5)(b)(iii) Facility observation during site visit.</p>
58	<p>ECA 4(5) Residual Waste Handling and Disposal: (c) (i) Only haulers approved by the Ministry shall be used to transport the Residual Waste from the Site. (ii) The Residual Waste shall be transported from the Site in appropriately covered vehicles that will not allow fugitive dust emissions to be emitted into the natural environment during the said transport.</p>	ECA 4(5)(c)	<p>Observed. 4(5)(c)(i) Pre-verified list only pre-approved vehicles from UPAC. 4(5)(c)(ii) Transport trailer with cover observed during site visit.</p>

Appendix B1 Environmental Compliance Approval (ECA) Audit Table

Auditor Checklist		ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item	Condition		
59	<p>ECA 4(5) Residual Waste Handling and Disposal: (d) Residual Waste generated at the Site shall be disposed of shall only be disposed of at an approved waste disposal site in accordance with the requirements in the EPA and the O. Reg. 347 or at a location with the appropriate jurisdictional approval or a license, if required.</p>	ECA 4(5)(d)	2015 ECA Annual Report (Section 3). Scale outbound identifies material and destination, reconciled in monthly reports (reconciled with landfill).
60	<p>ECA 4(5) Residual Waste Handling and Disposal: 4.(5)(e) A maximum of 630 tonnes of the Residual Waste, limited to the bottom ash shall be stored in two (2) dedicated bunkers, located within the confines of the Residue Building, described in the Supporting Documentation. The storage duration is as follows: (i) The storage duration is limited to a maximum of seven (7) days. (ii) Should longer storage duration be required to accommodate the duration of the required compliance testing, a minimum of forty eight (48) hours before the storage extension is commenced, the Owner shall notify the District Manager of the required extension. The notification shall include the duration of the extension and the reasons.</p>	ECA 4(5)(e)	Amended August 12, 2014 Addressed in COVANTA SOP A-RES-4 for residual waste. February, 2015: 759 tonnes bottom ash on-site pending compliance testing during start up. See Sect. 4 of 2015 ECA Annual Report. Refer to Golder Ash Sampling and Testing Protocol. No explicit notification to District Manager during testing. 2015 ECA Annual Report, peaked at 759 tonnes per section 4. No notification to MOECC observed within documentation.
61	<p>ECA 4(6) Wastewater Management (a) The Owner shall ensure that all wastewater generated at the Site is contained within enclosed buildings, tanks, pipes and conveyors at the Site and the approved outdoor Wastewater Settling Basin.</p>	ECA 4(6)(a)	No process drains to sanitary / storm sewers. Settling Basin observed, during site visit.
62	<p>ECA 4(6) Wastewater Management (b) The Owner shall ensure that all wastewater generated at the Site is collected in leak-proof and sufficiently designed wastewater storage facilities: (i) Wastewater Holding Tank, to collect the continuous reject water flow from the Boiler make-up water treatment system and the Boiler blowdown, having an approximate holding capacity of 100 cubic metres, located within the confines of the Boiler Building and venting to the atmosphere; and (ii) Wastewater Settling Basin, to collect the wastewater from the floor drains in the buildings at the Site, except for the Tipping Building and the Residue Building, the ash discharger overflow and drain water, the Boiler and turbine-generator wash-down water and the APC Equipment area wash-down water, having an approximate holding capacity of 38 cubic metres, located outdoors, open to the atmosphere and equipped with a filter basket and an oil skimmer board.</p>	ECA 4(6)(b)	No drains in process building. Holding Tank and settling basin observed during site visit. See item 61.
63	<p>ECA 4(6)(c) Wastewater Management(c) The wastewater pumps shall be located in the area designed in accordance with the Supporting Documentation to ensure that any potential leaks or drips are contained and directed to the Wastewater Settling Basin.</p>	ECA 4(6)(c)	Supported by observations during site visit. No leaks or drips observed.
64	<p>ECA 4(6) Wastewater Management (d) (i) The wastewater level in the Wastewater Holding Tank shall be monitored and controlled to ensure that the wastewater inflow to the Tank does not cause the Tank overflow. (ii) The wastewater level in the Wastewater Settling Basin shall be monitored and controlled to ensure that the atmospheric precipitation does not cause an overflow from the Basin.</p>	ECA 4(6)(d)	Sonic monitor observed during site visit.
65	<p>ECA 4(6) Wastewater Management (e) The Owner shall regularly empty, and clean as necessary, all sumps, wastewater storage/holding areas and equipment that are used to contain, collect and handling the wastewater generated at the Site.</p>	ECA 4(6)(e)	COVANTA staff identified that this area was recently emptied and cleaned. People Soft - Within Environmental Management System / 2 year task and recently completed.

**Appendix B1
Environmental Compliance Approval (ECA) Audit Table**

Auditor Checklist		Condition	ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item				
66		ECA 4(6)(f) Should the Owner find it necessary to remove the wastewater from the Site, the wastewater shall only be disposed of at a Ministry-approved site in accordance with the site's certificate of approval or be discharged to the sanitary sewer in accordance with the agreement with the municipality accepting the discharge.	ECA 4(6)(f)	Yes by HWIN Manifest to approved facility. Observed log of manifests. Tracked on Excel as 150L (class).
67		ECA 4(6) (g) The floors of the Tipping Building and the Residue Building shall be sufficiently sloped to facilitate the flow of the wastewater generated from the floor cleaning activities and from the truck wash-down towards the designated wastewater collection area.	ECA 4(6)(g)	Observed during site visit.
68		ECA 4(6) (h) The Owner shall ensure that the Wastewater Settling Basin is regularly cleaned out and that it does not become a source of odour emissions.	ECA 4(6)(h)	No observed odour during site visit. Emptied recently (see item 65).
69		ECA 4(7) All activities approved under this Certificate shall only be carried out by appropriately Trained Personnel.	ECA 4(7)	COVANTA Training Matrix - Operator Qualifications Program (Operator Qualification Standard).
70		5. EQUIPMENT and SITE INSPECTIONS and MAINTENANCE Operation and Maintenance (1) Prior to the receipt of the Waste at the Site, the Owner shall prepare and update as necessary, an Operation and Maintenance Manual for all the Equipment, the APC Equipment, the CEM Systems, the Works and any other equipment associated with managing of the Waste and with the control of environmental impacts from the Facility. The Manual shall be prepared in accordance with the written manufacturer's and/or supplier's specifications and good engineering practice. As a minimum, the Operation and Maintenance Manual shall specify: (a) operation procedures of the Equipment, the APC Equipment, the CEM Systems, the Works, and any other equipment associated with managing of the Waste and with the control of environmental impacts from the Facility, in accordance with manufacturers' recommendations and good engineering practices to achieve compliance with this Certificate, the EPA, the OWRA and their Regulations;	ECA 5(1a)	OEMs available in on-site COVANTA library.
71		(b) calibration procedures for the CEM Systems as required by this Certificate; (c) procedures for start-up and shutdown, including Controlled Shutdown and Emergency Shutdown; (d) quality assurance procedures for the operation and calibration of the CEM Systems in accordance with 40 CFR 60, Appendix F or Report EPS 1/PG/7, as appropriate; (e) Waste receiving and screening procedures; (f) Waste, Rejected Waste and Residual Waste handling procedures; (g) testing and monitoring procedures as required by this Certificate;	ECA 5(1b to 1g)	Documentation observed in COVANTA library.

Appendix B1 Environmental Compliance Approval (ECA) Audit Table

Auditor Checklist		ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item	Condition		
72	(h) maintenance and preventative maintenance procedures as required by this Certificate; (i) Facility inspection, including frequency of inspections, procedures; (j) procedure for handling complaints as required by this Certificate. (k) contingency measures to resolve upset conditions and/or minimize the environmental impacts from the Facility; (l) emergency response procedures, including procedures for dealing with power failure, fire, explosion, spills and any other potential emergencies; (m) procedures for record keeping activities as required by this Certificate; (n) description of the responsibilities of the Site personnel and the personnel training protocols; and (o) a list of personnel positions responsible for operation and maintenance, including supervisory personnel and personnel responsible for handling of the emergency situations, recording and reporting pursuant to the requirements of this Certificate, along with the training and experience required for the positions and a description of the responsibilities.	ECA 5 (1h to 1o)	Outside Environmental checklist maintained by COVANTA (j) See Region EA and Public complaint SOP on site. (k) Contingency plan maintained by COVANTA. (l) to (o) See Spill Contingency and Emergency Response Plan.
73	(2) A copy of this Operations and Maintenance Manual shall be kept at the Site, be accessible to the Site personnel at all times and be updated, as required. The Operations and Maintenance Manual shall be available for inspection by a Provincial Officer upon request.	ECA 5(2)	OEMs in COVANTA Library, observed SOPs and maintenance task system and plans. Assest Life Management plan.
74	(3) The Owner shall implement the operation, maintenance, preventative maintenance and calibration procedures set out in the Operations and Maintenance Manual required by this Certificate.	ECA 5(3)	COVANTA staff report that these procedures have been implemented. Observed in Asset Life Management System in place. People Soft tasks and tracking.
75	Critical Spare Parts ECA 5(4)(a) The Owner shall prepare a list of critical spare parts, update this list annually or more frequently, if necessary, to ensure that this list is maintained up-to date and shall be available for inspection by a Provincial Officer upon request. (b) The Owner shall ensure that the critical spare parts are available at the Site at all times or are immediately available from an off-Site supplier.	ECA 5(4)	Critical Spares List, January 29, 2016. 5(4)(b) Critical spare parts are locally stocked by suppliers. Limited space on-site.
76	Inspections ECA 5(5) Prior to receipt of the Waste at the Site, the Owner shall prepare a comprehensive written inspection program which includes inspections of all aspects of the Site's operations including, but not limited to the following: (a) buildings and the indoor waste storage facilities and presence of dust and odour and leaks in or near any openings, such as doorways, window, vent, louver or any other opening; (b) outdoor Residual Waste transport equipment, and the presence of dust and leaks at or near transfer points or the equipment seams; (c) the Equipment, the APC Equipment, the CEM Systems, the Works and any other equipment associated with managing of the Waste and with the control of environmental impacts from the Facility;	ECA 5(5)	Outside Environmental checklist available for inspection.
77	(d) spill containment areas, loading areas and the conditions around the Wastewater Settling Basin; (e) security fencing, gates, barriers and signs; (f) off-site nuisance impacts such as odour, dust, litter, etc. (g) presence of storm water pooling at the Site; and (h) condition of the on-Site roads for presence of leaks and drips from the waste delivery trucks or excessive dust emissions.	ECA 5(5)	Outside Environmental checklist available for inspection. Observed daily check logs.

Appendix B1 Environmental Compliance Approval (ECA) Audit Table

Auditor Checklist		ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item	Condition		
78	<p>Inspections ECA 5(6) The inspections, except for the inspection of the Works, are to be undertaken daily by the Trained Personnel in accordance with the inspection program to ensure that the Facility is maintained in good working order at all times and that no off-Site impacts are occurring. Any deficiencies detected during these regular inspections must be promptly corrected.</p>	ECA 5(6)	Inspections are part of daily rounds, also embedded responsibility of every position. COVANTA Training Matrix - Operator Qualifications Program (Operator Qualification Standard).
79	<p>Inspections and Maintenance of the Works ECA 5(7) The Owner shall inspect the Works at least once a year and, if necessary, clean and maintain the Works to prevent the excessive build-up of sediments and/or vegetation.</p>	ECA 5(7)	West Pond sediments cleaned out; on-site pending removal after half-load restrictions are lifted from local roads. Observed daily, weekly by Environmental Specialist.
80	Removed extraneous duplicate reference from this Table (see item 85)	ECA 6 (2)(c)(ii)	
81	<p>6. PERFORMANCE REQUIREMENTS ECA 6(1) The Owner shall, ensure that the Facility/Equipment is designed and operated in such a manner as to ensure that the following Performance Requirements are met: (a) the maximum 10-minute average concentration of odour at the most impacted Sensitive Receptor, resulting from the operation of the Facility/Equipment, calculated in accordance with the procedures outlined in the attached Schedule "B", shall not exceed 1 odour unit; (b) the noise emissions from the Facility shall comply with the limits set out in Ministry Publication NPC-205; (c) the vibration emissions from the Facility shall comply with the limits set out in Ministry Publication NPC-207.</p>	ECA 6(1)	6(1)(a) Part of source testing, Annual Odour Report November 15, 2015. MOECC April, 2016 compliance letter provided as documentation of achieving these performance requirements.
82	<p>ECA 6(2) The Owner shall ensure that the Boilers and the associated APC Equipment and the CEM Systems are designed and operated in such a manner as to ensure that the following Performance Requirements are met: (a) (i) The temperature in the combustion zone of each Boiler shall reach a minimum of 1000 degrees Celsius (°C) for one second, prior to introduction of the Waste into the combustion chamber of the Boiler during the start-up, and thereafter maintained during the entire thermal treatment cycle and subsequent shutdown until all Waste combustion is completed. (ii) Compliance with the minimum temperature requirement shall be demonstrated by direct measurement at the location where the combustion gases have achieved the residence time of one second at a minimum temperature of 1000°C (the Target Location) or by correlation of the required temperature of 1000oC for one second to the temperature measured downstream of the Target Location as proven by a method acceptable to the Director.</p>	ECA 6(2)(a)	Refer to COVANTA Acceptance Report and Acceptance Phase Audit Report.
83	<p>ECA 6(2)(b) The concentration of residual oxygen in the Undiluted Gases leaving the combustion zone via the economizer outlet of each Boiler, as measured and recorded by the CEM System, shall not be less than 6 percent by volume on a dry basis.</p>	ECA 6(2)(b)	Refer to COVANTA Acceptance Report and Acceptance Phase Audit Report.
84	<p>ECA 6(2)(c)(i) The operational target for the concentration of carbon monoxide in the Undiluted Gases leaving the combustion zone via the economizer outlet of each Boiler is 40 milligrams per dry cubic metre, as a 4-hour rolling average, normalized to 11 percent oxygen at a reference temperature of 25°C and a reference pressure of 101.3 kilopascals, as measured and recorded by the CEM System, for the period from and including initial commissioning of the facility to twelve months following the completion of the first Source Testing program.</p>	ECA 6(2)(c)(i)	Refer to COVANTA Acceptance Report and Acceptance Phase Audit Report.

Appendix B1 Environmental Compliance Approval (ECA) Audit Table

Auditor Checklist		Condition	ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item				
85		ECA 6(2)(c) (ii) The 4-hour average concentration of carbon monoxide in the Undiluted Gases leaving the combustion zone via the economizer outlet of each Boiler, as measured and recorded by the CEM System, shall not be more than 40 milligrams per dry cubic metre, normalized to 11 percent oxygen at a reference temperature of 25oC and a reference pressure of 101.3 kilopascals, after the first twelve months following the completion of the first Source Testing program.	ECA 6(2)(c)(ii)	CO Target = 40 mg/m3 until October 2, 2016 when this becomes a maximum limit (3 target exceedances in 2016, none reported in 2015 period).
86		ECA 6(2)(d) The emissions from the Boilers after those emissions have been controlled by the associated APC Equipment for discharge into the atmosphere via the Stack shall comply with the emission concentration limits listed in the attached Schedule "C", as measured by a CEM System or by Source Testing as applicable.	ECA 6(2)(d)	Refer to COVANTA Acceptance Report and Acceptance Phase Audit Report..
87		ECA 6(2)(e) The Boilers shall include combustion air control systems, which are capable of automatically adjusting the distribution and the quantity of combustion air, in such a manner that changes in the Waste Processing Rate and/or Waste composition or irregularities in the loading and/or combustion shall not adversely affect the performance of the Boilers.	ECA 6(2)(e)	Refer to COVANTA Acceptance Report and Acceptance Phase Audit Report.
88		ECA 6(2)(f) The Boilers shall provide and maintain a high degree of gas turbulence and mixing in the combustion chamber. (g) The Boilers shall achieve the temperature, oxygen availability and turbulence requirements over the complete range of operating parameters, including feed rate, feed characteristics, combustion air, flue gas flow rate and heat losses. (h) The inlet temperature into each baghouse of the APC Equipment of the Boilers shall not be less than 120°C and not more than 185°C.	ECA 6(2)(f to h)	Refer to COVANTA Acceptance Report. and Acceptance Phase Audit Report.
89		ECA 6(3) The Owner shall install and maintain visual and audible alarm systems to alert the Facility/Equipment operators of any potential deviation from the above Performance Requirements for parameters that are continuously monitored by applicable CEM Systems and shall forthwith take all reasonable actions to bring the Equipment/Facility into compliance with all Performance Conditions.	ECA 6(3)	Audible alarms noted to be present. Alarms observed while in COVANTA offices.
90		ECA 6(4) In the event that the CEM Systems indicate that emissions from the Boilers and the Stack exceed any Performance Requirements in the attached Schedule "C" for a continuous three (3) hour period, the Owner shall forthwith cut-off all Waste feed into the affected Boiler and initiate an Emergency Shutdown, while maintaining a temperature of 1000°C, as practicable, in the combustion zone of the Boiler.	ECA 6(4)	No occurrence reported in 2015.
91		Residual Waste Compliance Criteria ECA 6(5)(a) The Residual Waste generated at the Site and destined for a non-hazardous waste disposal site in Ontario shall not meet any of the criteria from the definition of "hazardous waste" set out in the O. Reg. 347. b) The Residual Waste that meets any of the criteria from the definition of "hazardous waste" set out in the O. Reg. 347 shall be handled and disposed of in accordance with the LDR requirements set out in the EPA and the O. Reg. 347.	ECA 6(5)	Report - Bottom Ash & Fly Ash Characterizations, COVANTA November, 2015 revised December 16, 2015. MOECC to COVANTA December 17, 2015 accepting report.
92		Residual Waste Compliance Criteria ECA 6(6) The Residual Waste, limited to the bottom ash, destined for a non-hazardous waste disposal site shall meet the definition of "incinerator ash" set out in the O. Reg. 347.	ECA 6(6)	See Item 91 confirming non-hazardous waste criteria met.
93		TESTING, MONITORING and AUDITING Source Testing ECA 7(1) The Owner shall perform annual Source Testing in accordance with the procedures and schedule outlined in the attached Schedule "E", to determine the rate of emission of the Test Contaminants from the Stack. The first Source Testing program shall be conducted not later than six (6) months after the Commencement Date of Operation of the Facility/Equipment and subsequent Source Testing program shall be conducted once (1) every calendar year there after.	ECA 7(1)	Letter: MOECC (Hussain) to OWNERS (Januszkiewicz and McDowell), June 25, 2015, extension granted due to outage. Completion of Initial Source Testing by December, 2015. December 15, 2015 MOECC (Dugas) to COVANTA (Brasowski). Schedule E emission limits met.

**Appendix B1
Environmental Compliance Approval (ECA) Audit Table**

Auditor Checklist		Condition	ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item				
94	<p>Continuous Monitoring ECA 7(2) The Owner shall select, test and install appropriate CEM Systems and continuous recording devices in accordance with the requirements outlined in the attached Schedule "F" to conduct and maintain a program to continuously monitor, as a minimum, the following parameters prior to commencement of operation of the Boilers:</p> <p>(a) the temperature at one (1) second downstream of the combustion zone of each Boiler where most of the combustion has been completed and the combustion temperature is fully developed;</p> <p>(b) the inlet temperature of the gases into each baghouse of the APC Equipment of each Boiler;</p> <p>(c) the concentration of carbon monoxide, oxygen and organic matter (as methane) in the Undiluted Gases leaving the combustion zone via the economizer outlet of each Boiler;</p> <p>(d) the opacity and moisture content of the flue gas and the concentration of oxygen, nitrogen oxides, sulphur dioxide, hydrogen chloride, hydrogen fluoride and ammonia in the Undiluted Gases leaving the baghouse of the APC Equipment of each Boiler.</p>	ECA 7(2)	Observed a data monitor of Trace Program.	
95	<p>Long-Term Sampling for Dioxins and Furans ECA 7(3)(a) The Owner shall develop, install, maintain and update as necessary a long term sampling system, with a minimum monthly sampling frequency, to measure the concentration of Dioxins and Furans in the Undiluted Gases leaving the APC Equipment associated with each Boiler. The performance of this sampling system will be evaluated during the annual Source Testing programs in accordance with the principles outlined by 40 CFR 60, Appendix B, Specification 4.</p> <p>(b) The Owner shall evaluate the performance of the long-term sampling system in determining Dioxins and Furans emission trends and/or fluctuations as well as demonstrating the ongoing performance of the APC Equipment associated with the Boilers.</p>	ECA 7(3)	<p>(a) SOP C ENV-1 CEMS AMESA Cartridge Replacement. Still in evaluation, scheduled based on outages. Work plan with MOECC for correlation of methods. Absorption cartridges replaced monthly and varied by shutdowns.</p>	
96	<p>Ambient Air Monitoring ECA 7(4)</p> <p>(a) The Regions shall develop and implement the Ambient Air Monitoring and Reporting Plan, in accordance with the requirements set out in the EA Approval and as determined to be acceptable by the Regional Director.</p> <p>b) The Regions shall report the results of the Ambient Air Monitoring program to the Regional Director in accordance with the Ambient Air Monitoring and Reporting Plan and in accordance with the requirements of Condition 14.</p> <p>c) The Regions shall post the Ambient Air Monitoring and Reporting Plan and the results of the Ambient Air Monitoring program on the Owner's web site for the Facility in accordance with the requirements of the EA Approval and Condition 15.</p>	ECA 7(4)	<p>Ambient Air Quality Monitoring Plan dated May 8, 2012, by Stantec. MOECC acceptance June 5, 2012.</p> <p>Ambient Air - Environmental Monitoring Plans and reports, online at https://www.durhamyorkwaste.ca/Documents/MonitoringPlansReports/AmbientAir.aspx</p> <p>2013 Ambient Air Reports - Report Dated May 14, 2014 (Stantec). - Submission letter Region of Durham to MOECC, May 23, 2014.</p> <p>2014 Ambient Air Reports - Report Dated May 13, 2015 (Stantec). - Submission letter Region of Durham to MOECC, May 15, 2015.</p> <p>2015 Quarterly Ambient Air Reports - Q1 Report Dated May 13, 2015 (Stantec). - Q1 Submission letter Region of Durham to MOECC, May 15, 2015. - Q2 Report Dated August 6, 2015 (Stantec). - Q2 Submission letter Region of Durham to MOECC, August 11, 2015. - Q3 Report Dated November 3, 2015 (Stantec). - Q3 Submission letter Region of Durham to MOECC, November 13, 2015 - Q4 Report Dated February 5, 2016 (Stantec). - Q3 Submission letter Region of Durham to MOECC, February 12, 2016</p>	

**Appendix B1
Environmental Compliance Approval (ECA) Audit Table**

Auditor Checklist		ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item	Condition		
97	<p>Noise Monitoring - Acoustic Audit ECA 7(5) The Owner: (a) shall carry out Acoustic Audit measurements on the actual noise emissions due to the operation of the Facility. The Acoustic Audit measurements shall be carried out in accordance with the procedures in Publication NPC-103 and in accordance to the Noise Monitoring and Reporting Plan prepared in accordance with the requirements set out in the EA Approval and as approved by the Director; (b) shall submit an Acoustic Audit Report on the results of the Acoustic Audit, prepared by an Independent Acoustical Consultant, in accordance with the requirements of Publication NPC-233 and the Noise Monitoring and Reporting Plan prepared in accordance with the requirements set out in the EA Approval and as approved by the Director, to the District Manager and the Director, not later than three (3) months after the commencement of operation of the Facility.</p>	ECA 7(5)	Acoustic Audit of DYEC operations May 8, 2015. Submitted by COVANTA to MOECC May 8, 2015. Supplemental Acoustic Audit November 23, 2015. MOECC letter to COVANTA & Owners December 11, 2015 confirming acceptance.
98	<p>Noise Monitoring - Acoustic Audit 7(6) The Director: (a) may not accept the results of the Acoustic Audit if the requirements of Publication NPC-233 or the approved Noise Monitoring and Reporting Plan were not followed; (b) may require the Owner to repeat the Acoustic Audit if the results of the Acoustic Audit are found unacceptable to the Director.</p>	ECA 7(6)	Acoustic Audit of DYEC operations May 8, 2015. Submitted by COVANTA to MOECC May 8, 2015. Supplemental Acoustic Audit November 23, 2015. MOECC letter to COVANTA & OWNERS December 11, 2015 confirming acceptance.
99	<p>Residual Waste Testing ECA 7(7) (a) A minimum of six (6) months prior to the Commencement Date of Operation, the Owner shall submit to the Director for approval, a Testing Protocol for testing of the bottom ash for compliance with the criteria set out in the "incinerator ash" definition from the O. Reg. 347 and for testing of the Residual Waste for compliance with the criteria set out in this Certificate. (b) As a minimum, the Testing Protocol shall comply with the Ministry's regulatory requirements for sampling and testing of waste, including the requirements set out in the Ministry's document entitled "Principles of Sampling and Analysis of Waste for TCLP under Ontario Regulation 347", dated February 2002, as amended.</p>	ECA 7(7)	Revised plan submitted July 18, 2014. Acceptance letter from MOECC to OWNERS July 25, 2014.
100	<p>(c) The Testing Protocol shall include the rationale for the proposed methods and the following: (i) a sampling protocol, including the proposed number of samples to be taken and their locations, to ensure that representative sample(s) are being tested for compliance with this Certificate; (ii) sample(s) handling and preserving procedures; (iii) analytical protocol for the applicable contaminants to ensure that appropriate analytical method(s) are being used for compliance testing required by this Certificate; and (iv) a testing protocol for the bottom ash during the Site commissioning period. (d) The Owner shall implement the Testing Protocol on the Commencement Date of Operation.</p>	ECA 7(7)	Revised plan submitted July 18, 2014. Acceptance letter from MOECC to OWNERS July 25, 2014.
101	<p>(e) The Owner shall carry out the required bottom and fly ash compliance testing in accordance with the document entitled "Ash Sampling and Testing Protocol", listed in the attached Schedule.</p>	ECA 7(7)	Amended August 12, 2014 Report - Bottom Ash & Fly Ash Characterizations, COVANTA November, 2015; revised December 16, 2015. MOECC letter to COVANTA December 17, 2015 accepting report.

**Appendix B1
Environmental Compliance Approval (ECA) Audit Table**

Auditor Checklist		ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item	Condition		
102	<p>Residual Waste Testing ECA 7(8) For handling of the bottom ash as a solid non-hazardous waste, the Owner shall follow the following schedule for compliance testing: (a) for the Site commissioning period, the bottom ash shall be tested in accordance with the Testing Protocol approved by the Director; (b) for the period following the Site commissioning period, the bottom ash shall be tested for the content of the combustible materials on an annual basis, until the compliance testing results indicate that the bottom ash meets the "incinerator ash" definition from the O. Reg. 347 for three (3) consecutive years, following which a triennial compliance testing event may be carried out;</p>	ECA 7(8)	Report - Bottom Ash & Fly Ash Characterizations, COVANTA November, 2015; revised December 16, 2015. MOECC letter to COVANTA December 17, 2015, accepting report.
103	<p>(c) should any annual or triennial compliance testing event indicate that the bottom ash does not meet the "incinerator ash" definition, prior to each of the next three (3) shipments from the Site, compliance testing of each of the three (3) shipments shall be carried out. Once three (3) consecutive tests re-establish compliance with the "incinerator ash" definition from the O. Reg. 347 and that the bottom ash does not exceed the Leachate Toxicity Criteria, the compliance testing schedule set out in Condition 7.(8)(b) may be resumed; and (d) should the results of any compliance testing of the bottom ash indicate that the concentrations of the leachate toxic contaminants in the bottom ash equal to or exceed the Leachate Toxicity Criteria, the bottom ash shall be handled as a hazardous waste. Once three (3) consecutive tests re-establish that the bottom ash does not exceed the Leachate Toxicity Criteria, the bottom ash compliance testing schedule set out in Condition 7.(8)(b) may be resumed.</p>	ECA 7(8)	Report - Bottom Ash & Fly Ash Characterizations, COVANTA November, 2015; revised December 16, 2015. MOECC letter to COVANTA December 17, 2015, accepting report. Year 1 operations.
104	<p>7 (9) (a) For handling of the bottom ash as a hazardous waste and for handling of the fly ash, prior to final disposal at a hazardous waste landfill site in Ontario, the Owner shall undertake any sampling and testing that would be required to comply with the LDR requirements set out in the EPA and the O. Reg. 347.</p>	ECA 7(9)(a)	Report - Bottom Ash & Fly Ash Characterizations, COVANTA November, 2015; revised, December 16, 2015. MOECC letter to COVANTA December 17, 2015, accepting report.
105	<p>ECA 7(9)(b) The Owner shall follow the following schedule for compliance testing: (i) prior to each of the first three (3) shipments of the ash from the Site, the ash shall be tested so that for the compliance with the LDR requirements can be demonstrated; (ii) following the three (3) initial compliance testing events, the ash shall be tested on an annual basis, until the compliance testing results indicate that the ash meets the LDR requirements during the three (3) consecutive years, following which a triennial compliance testing may be carried out; and (iii) should any annual or triennial compliance testing event indicate that the ash does not meet the LDR requirements, prior to next three (3) shipments from the Site, compliance testing of each of the three (3) shipments shall be carried out. Once three (3) consecutive tests re-establish compliance with the LDR requirements, the compliance testing schedule set out in Condition 7.(9)(b)(ii) may be resumed.</p>	ECA 7(9)(b)	Report - Bottom Ash & Fly Ash Characterizations, COVANTA November, 2015; revised December 16, 2015. MOECC letter to COVANTA December 17, 2015, accepting report.
106	<p>Soil Testing: ECA 7(10)(a) Within one hundred and twenty (120) days from the date of this Certificate, the Regions shall undertake the soil testing in accordance with the Soil Testing Plan required by this Certificate. (b) The soil testing shall be repeated every three (3) years or as agreed upon in writing by the Regional Director.</p>	ECA 7 (10)	First testing - Genivar November 20, 2013. OWNERS' submission to MOECC November 19, 2013. MOECC letter to OWNERS January 29, 2014 - general acceptance. Second testing - WSP October 21, 2015. OWNERS' submission to MOECC October 23, 2015. No MOECC acknowledgement reported by OWNERS.

**Appendix B1
Environmental Compliance Approval (ECA) Audit Table**

Auditor Checklist		Condition	ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item				
107	<p>Disposal of Residual Waste ECA 7(11) The Owners shall ensure that no portion of the Residual Waste undergoing compliance testing is transferred from the Site until the results of the compliance testing required by this Certificate demonstrate compliance with the relevant Ministry's requirements. ECA 7(12) Bottom ash that is not a hazardous waste, as defined in the O. Reg. 347, may be disposed of at an approved non-hazardous waste landfill site or at a site approved to accept such waste by an appropriate government agency of equivalent jurisdiction. ECA 7(13) Residual Waste shall be treated to comply with the LDR requirements set out in the EPA and the O. Reg. 347 prior to disposal of at an approved hazardous waste landfill site or at a site approved to accept such waste by an appropriate government agency of equivalent jurisdiction.</p>	ECA 7 (11, 12, 13)	<p>Report - Bottom Ash & Fly Ash Characterizations, COVANTA November, 2015 revised December 16, 2015. MOECC to COVANTA December 17, 2015 accepting report. 2015 ECA Annual Compliance Report See Item 91. (12) July 18, 2015 Owners to MOECC with proposed landfill site. See also 2015 ECA Annual Report (5.3.2 and Table 5). (13) Listed in Table 8, 2015 ECA Annual Report.</p>	
108	<p>Groundwater and Surface Water Monitoring ECA 7(14) (a) The Regions shall develop and implement the Groundwater and Surface Water Monitoring Plan, in accordance with the requirements set out in the EA Approval and as determined to be acceptable to the Regional Director. (b) The Regions shall report the results of the Groundwater and Surface Water Monitoring program to the Regional Director and to the Director in accordance with the schedule set out in the EA Approval and in accordance with the requirements of Condition 14. (c) The Regions shall post the Groundwater and Surface Water Monitoring Plan and the results of the Groundwater and Surface Water Monitoring program on the Owner's web site for the Facility in accordance with the requirements of the EA Approval and Condition 15.</p>	ECA 7 (14)	<p>(a) MOECC Letter October 19, 2011 (Jonas) to OWNERS (Januszkiewicz and McDowell). Satisfied with GW & SW Monitoring Plan. DYEC Letter January 28, 2013 OWNERS (Januszkiewicz and McDowell) to MOECC (Garcia-Wright and Goyette) notice concerning monitoring program. (b) on-site during construction, offsite after receipt of first waste. Reports accepted MOECC letter. (Goyette) to OWNERS (Januszkiewicz and McDowell). May 15, 2015. (c) Groundwater and Surface water Monitoring Plans and results of Groundwater and Surface Water Monitoring programs online at https://www.durhamyorkwaste.ca/Documents/MonitoringPlansReports/GroundSurfaceWaterReports.aspx</p>	
109	<p>ECA 8 NUISANCE IMPACT CONTROL and HOUSEKEEPING Odour Management (1) (a) The Owner shall maintain a negative air pressure atmosphere in the Tipping Building at all times to contain any potential odours within the confines of the Tipping Building. (b) (i) Once per year, or as required by the District Manager, the Owner shall undertake a test to measure the worse case scenario negative air pressure atmosphere throughout the Tipping Building, while the activities approved in this Certificate are carried out in the Tipping Building. (ii) Notwithstanding the requirements set out in Condition 8.(1)(b)(i), the Owner shall install sufficient instrumentation to measure the air flow into the Boilers and demonstrate that adequate air flow is maintained to maintain a negative air pressure atmosphere throughout the Tipping Building. (c) In the event that adequate negative air pressure cannot be maintained, the Owner shall implement any necessary additional odour containment and control measures, including, but not necessarily limited to, those in the required Contingency and Emergency Response Plan.</p>	ECA 8(1)	<p>8(1)(a) COVANTA. Containment protocol. Negative air pressure proven as a part of containment testing. 8(1)(b) (i) See containment test. 8(1)(b) (ii) OSI air flow meters. (used by AMESA to calc flow for D1/FU). OSI flow meter as part of AMESA system. 8(1)(c) Odour management plan and system on-site. Eg. Mister / Neutralizer and 6 hr walk around. "Snuggles Machine". SOP D-ENV-003. Fugitive Dust and odour Control.</p>	

**Appendix B1
Environmental Compliance Approval (ECA) Audit Table**

Auditor Checklist		ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item	Condition		
110	<p>ECA 8(2) The Owner shall ensure that the entrance and exit doors into the Tipping Building, the Residue Building and the Grizzly Building are kept closed at all times except to permit the entry or exit of the respective waste transport vehicles and waste handling equipment into and out of these Buildings.</p> <p>(3) The Owner shall ensure that, at all times, the air from the Tipping Building, the Residue Building, the Grizzly Building and from the Equipment is exhausted through an appropriate and fully functional APC Equipment approved by this Certificate.</p> <p>(4) The Owner shall undertake appropriate housekeeping activities, including regular cleaning of the tipping floor to control potential sources of fugitive odour emissions.</p> <p>(5) The Owner shall ensure that no Waste handling equipment or empty storage containers are stored outside, unless they have been washed to prevent fugitive odour emissions.</p>	ECA 8 (2 to 5)	<p>8(2) Observed during site visit.</p> <p>8(3) Site operations: reliance on site maintenance of inspections and reporting/recording.</p> <p>8(4) Exterior walkthrough - street sweeper present on site; tipping floor observed to be clean during site visit.</p> <p>8(5) MSW no outside storage.</p>
111	<p>ECA 8 (6) The Owner shall regularly clean all equipment and storage areas that are used to handle, process and store waste at the Site, including the surfaces of the outdoor spill containment areas, as required.</p> <p>(7) (i) Prior to the receipt of Waste at the Site, the Owner shall provide documentation which outlines the testing carried out by a licensed structural engineer to confirm the effectiveness of the containment in the buildings, conveyors and tanks and silos at the Site.</p> <p>(ii) The testing shall be carried out and repeated as directed by the District Manager in accordance with the test protocol prepared in consultation with and approved by the District Manager.</p> <p>(iii) These tests shall be repeated as directed or agreed by the District Manager.</p> <p>(8) The Owner shall prepare and implement an Odour Management and Mitigation Plan in accordance with the requirements set out in the EA Approval and as determined to be acceptable to the Regional Director.</p>	ECA 8 (6 to 8)	<p>8 (6) Containment Test Protocol, revised August 2014. Submitted by COVANTA to MOECC, as amended by previous MOECC comments.</p> <p>8 (7) (i) Tipping building ventilation calculations signed and stamped by Ontario Engineer Dated May 2, 2013.</p> <p>8(7) (ii-iii) See item 112 (8 (9) (b) correspondence).</p> <p>8 (8) See EA item 86. No MOECC response to revised plan submitted Jan 8, 2015.</p>
112	<p>ECA 8(9) (a) In addition to the requirements set out in the EA Approval, the Odour Management and Mitigation Plan shall include the following:</p> <p>(i) identification of all potential sources of odourous emissions;(ii) description of the preventative and control measures to minimize odourous emissions from the identified sources;</p> <p>(ii) description of the preventative and control measures to minimize odourous emissions from the identified sources;</p> <p>(iii) procedures for the implementation of the Odour Management and Mitigation Plan;</p> <p>(iv) inspection and maintenance procedures to ensure effective implementation of the Odour Management and Mitigation Plan; and</p> <p>(v) procedures for verification and recording the progress of the implementation of the Odour Management and Mitigation Plan.</p> <p>(b) The Owner shall continue to submit an updated Odour Management and Mitigation Plan until such time as the Regional Director notifies the Owner in writing that further submissions are no longer required.</p>	ECA 8 (9)	<p>Golder Report No. 10-1151-0343-odour, issued August 2011, revised December 2014.</p> <p>Odour Management and Mitigation Plan</p> <p>(i) Section 4.1 / page 6.</p> <p>(ii) Section 4.4/ page 7 & 8.</p> <p>(iii) Section 4.5 / page 9.</p> <p>(iv) Section 5.0 / page 10-11.</p> <p>(v) Section 6.0 / page 13-15.</p> <p>(b) Letter January 8, 2015 OWNERS (Januszkiewicz and McDowell) to MOECC (Goyette).</p> <p>Referencing MOECC acceptance letter of August 21, 2012 MOECC (Goyette) to OWNERS (Januszkiewicz and McDowell).</p>

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Environmental Compliance Approval (ECA) Audit Table**

Auditor Checklist		ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item	Condition		
113	<p>ECA 8(10) Vehicles and Traffic (a) The Owner shall ensure that all vehicles transporting waste to and from the Site are not leaking or dripping waste when arriving at or leaving the Site. (b) Should the Owner become aware that the truck(s) delivering waste to the Site have leaked wastewater on the municipal roadways, the Owner shall immediately report the violation to the owner of the vehicle(s) and to the District Manager. (c) The Owner shall ensure that the exterior of all vehicles delivering Waste to the Site or hauling waste from the Site is washed prior to the trucks' departure from the Site, if necessary. (d) Any necessary truck washing shall occur only in the designated wash down area of the Tipping Building or the Residue Building.</p>	ECA 8 (10 and 11)	(a) Observed no leakage during site visit and confirmed scale house operator inspection for same. Part of scale house SOP. (b) Part of scale house SOP (c) Not required, no washing needed to date. (d) Tipping Floor and Residue buildings are designated wash down areas. No truck washing to date.
114	<p>ECA 8(11) The Owner shall ensure that there is no queuing or parking of vehicles that are waiting to enter the Site on any roadway that is not a distinct part of the Site.</p>		No occurrences. Approximately 3 trucks an hour.
115	<p>ECA 8(12) Litter The Owner shall: (a) take all practical steps to prevent the escape of litter from the Site; (b) pick up litter around the Site on a daily basis, or more frequently if necessary; and (c) if necessary, erect litter fences around the areas causing a litter problem.</p>	ECA 8 (12)	Site wide initiatives and regularly scheduled activity for operator staff. Site is fenced (observed during site visit).
116	<p>ECA 8(13) Dust The Owner shall ensure that all on-site roads and operations/yard areas are regularly swept/washed to prevent dust impacts off-Site.</p>	ECA 8 (13)	COVANTA: DYEC-Fugitive Dust and odour control SOP D-ENV-003 - Sweeper log. Outside environmental checklist.
117	<p>ECA 8(14) Vermin and Vectors The Owner shall: (a) implement necessary housekeeping procedures to eliminate sources and potential sources of attraction for vermin and vectors; and (b) hire a qualified, licensed pest control professional to design and implement a pest control plan for the Site. The pest control plan shall remain in place, and be updated from time to time as necessary, until the Site has been closed and this Certificate has been revoked.</p>	ECA 8 (14)	Abell Pest Control Plan, last updated Dec. 30/15. Pest control bait stations observed at fenced perimeter near Tipping Floor area.
118	<p>Visual Screening ECA 8(15) The Owner shall provide visual screening for the Site in accordance with the documentation included in the attached Schedule "A".</p>	ECA 8 (15)	Observed during perimeter site review. Awaiting sign off from Clarington.

**Appendix B1
Environmental Compliance Approval (ECA) Audit Table**

Auditor Checklist		Condition	ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item				
119	<p>9. STAFF TRAINING ECA 9(1) (a) The Owner shall ensure that all operators of the Site are trained with respect to the following, as per the specific job requirements of each individual operator: (i) terms and conditions of this Certificate and the requirements of the EA Approval; (ii) operation and management of the Site, or area(s) within the Site, as per the specific job requirements of each individual operator, and which may include procedures for receiving, screening and identifying Waste, refusal, handling, processing and temporarily storing wastes, operation of the Equipment, the APC Equipment, the CEM System and the Works; (iii) testing, monitoring and operating requirements; (iv) maintenance and inspection procedures;</p>	ECA 9(1)	COVANTA Training Matrix - Operator Qualifications Program (Operator Qualification Standard). See item 69.	
120	<p>(v) recording procedures; (vi) nuisance impact control and housekeeping procedures; (vii) procedures for recording and responding to public complaints; (viii) an outline of the responsibilities of Site personnel including roles and responsibilities during emergency situations; (ix) the Contingency and Emergency Response Plan including exit locations and evacuation routing, and location of relevant equipment available for emergency situations; (x) environmental, and occupational health and safety concerns pertaining to the wastes to be handled; (xi) emergency first-aid information; and (xii) relevant waste management legislation and regulations, including the EPA, the OWRA, the O. Reg. 347, the O. Reg. 419/05 and the Ministry guidelines affecting thermal treatment facilities.</p>	ECA9(1)	COVANTA Training Matrix - Operator Qualifications Program (Operator Qualification Standard). Training Matrix has methods, Spill Training/Env, Technical Skills.	
121	<p>ECA 9(2) The Owner shall ensure that all personnel are trained in the requirements of this Certificate relevant to the employee's position: (a) upon commencing employment at the Site in a particular position; (b) whenever items listed in Condition 9.(1) are changed or updated; and (c) during the planned refresher training.</p>	ECA9(2)	COVANTA Training Matrix - Operator Qualifications Program (Operator Qualification Standard). Operations Training Matrix available online (internal). See also items 69, 119, 120.	
122	<p>10. COMPLAINTS / ODOUR-CONTAMINANT EMISSIONS RESPONSE PROCEDURE ECA 10(1) The Owner or a designated representative of the Owner shall be available to receive public complaints caused by the operations at the Site twenty-four (24) hours per day, seven (7) days per week.</p>	ECA 10(1)	EAAB FILE NO: EA-08-02 As per EA Complaint Protocol online at https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/EFW_Complaint_Protocol.pdf Observed on exterior signs.	
123	<p>ECA 10(2) If at any time, the Owner or the Ministry receives a complaint or the Owner or the Provincial Officer detects an emission of odour or any contaminant, (Emission Event), from the Site, in addition to the requirements set out in the EA approval, the Owner shall record all relevant information in the computerized tracking system and shall respond to the complaint/Emission Event according to the following procedure:</p>	ECA 10(2)	Complaint protocol EAAB FILE NO: EA-08-02 dated January 31, 2011 amended June 20, 2011. As per EA 6 Complaint Protocol online at https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/EFW_Complaint_Protocol.pdf	

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Environmental Compliance Approval (ECA) Audit Table**

Auditor Checklist		ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item	Condition		
124	<p>Step 1: Record of Complaint/Emission Event ECA 10 (2)(a) (i) The Owner shall record each complaint/Emission Event and each record shall include the following: (A) name, address and the telephone number of the complainant, if known; (B) time and date of the complaint/Emission Event; (C) details of the complaint; and (ii) After the complaint/Emission Event has been recorded in the tracking system, the Owner shall immediately report to the District Manager by phone or e-mail during office hours and to the Ministry's Spills Actions Centre at 1-800-268-6060 after office hours on the receipt of the complaint or occurrence of the Emission Event.</p>		Refer to Complaint Log (5 odour complaints in 2015) Complaint protocol EAAB FILE NO: EA-08-02 dated January 31, 2011 amended June 20, 2011.
125	<p>Step 2: Investigation and Handling of Complaint/Emission Event ECA 10(2)(b) The Owner shall immediately initiate investigation of the complaint/Emission Event. As a minimum, the investigation shall include the following: (i) determination of the activities being undertaken at the Site at the time of the complaint/Emission Event; (ii) meteorological conditions including, but not limited to the ambient temperature, approximate wind speed and its direction. (iii) determination if the complaint is attributed to activities being undertaken at the Site and if so, the possible cause(s) of the complaint/Emission Event; and (iv) determination of the remedial action(s) to address the cause(s) of the Complaint/Emission Event, and the schedule for the implementation of the necessary remedial action(s).</p>	ECA 10(2)	Complaint protocol EAAB FILE NO: EA-08-02 dated January 31, 2011 amended June 20, 2011. See also 2015 ECA Annual Report (section 12).
126	<p>ECA 10(2)(c) The Owner shall respond to the complainant, if known, and the response shall include the results of the investigation of the Complaint, the action(s) taken or planned to be taken to address the cause(s) of the Complaint, and if any follow-up response(s) will be provided. (d) Upon completed investigation of the Complaint/Emission event, the Owner shall, within three (3) business days, submit a report to the District Manager on the Complaint, on the action(s) taken or planned to be taken to address the cause(s) of the Complaint and on all proposed action(s) to prevent recurrence of the Complaint/Emission Event in the future.</p>	ECA 10(2)	Complaint protocol EAAB FILE NO: EA-08-02 dated January 31, 2011 amended June 20, 2011. 5 Odour complaints in 2015 noted in 2015 ECA Annual Report with actions taken following each complaint noted in the report. COVANTA maintains odour complaint log.
127	<p>ECA 10(3) If, in the opinion of the District Manager, failure of the APC Equipment and/or any other process or equipment upset or malfunction results in off-site Complaint/Emission Event, confirmed by the Owner or a Provincial Officer of the Ministry, the Owner shall, immediately upon notification from the District Manager, implement any necessary additional control measures, including, but not necessarily limited to, those in the Contingency and Emergency Response Plan required by this Certificate.</p>	ECA 10(3)	Operational Target Exceedances. Odour complaints not attributable to site. Fugitive Dust and Odour Control SOP D-ENV-003.
128	<p>ECA 10(4) If the District Manager deems the additional control measures taken as per condition 10.(3) to be unsuitable, insufficient or ineffective, the District Manager may direct the Owner, in writing, to take further measures to address the noted failure, upset or malfunction including pursuant to section 39 of the EPA requiring a reduction in the receipt of Waste, cessation of the receipt of Waste, removal and off-site disposal of Waste from the Tipping Building as well as making repairs or modifications to equipment or processes.</p>	ECA 10(4)	Fugitive Dust & Odour Control SOP. No notice received to take additional action for odour control. Notice not received from MOECC.

**Appendix B1
Environmental Compliance Approval (ECA) Audit Table**

Auditor Checklist		ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item	Condition		
129	<p>11. CONTINGENCY and EMERGENCY RESPONSE PLAN</p> <p>ECA 11 (1)(a) The Owner shall develop and implement a Contingency and Emergency Response Plan in accordance with the requirements set out in the EA Approval.</p> <p>(b) Notwithstanding the requirements set out in the EA Approval, the Contingency and Emergency Response Plan shall be prepared in consultation with the District Manager or designate, the local Municipality and the Fire Department.</p> <p>ECA 11(2) In addition to the requirements set out in the EA Approval, the Contingency and Emergency Response Plan, as a minimum, shall include the following:</p> <p>(a) the Site plan clearly showing the equipment layout and all storage areas for wastes and reagents;</p>	ECA 11 (1 to 2 a)	<p>11(1)(a) Durham York Energy Centre Spill Contingency and Emergency Response Plan Prepared by Covanta Durham York Renewable Energy Limited Partnership, Dated January 13, 2014.</p> <p>Online at https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/SCERP/Plan/Spill_Contingency_Emergency_Response_Plan.pdf</p> <p>11(1)(b) Section 13 – Document Review Draft September 24, 2013. Final January 29, 2014. OWNERS (Januskiewicz) to MOECC (Parrot). Spill Emergency and Emergency response plan letter dated January 29, 2014.</p> <p>11 (2) (a) Reference Appendix A, of the plan (see above URL).</p>
130	<p>ECA 11 (2)(b) a list of Site personnel responsible for the implementation of the contingency measures and various emergency response tasks and their training requirements;</p> <p>ECA 11 (2)(c) a list of equipment and materials required for the implementation of the contingency measures and the emergency situation response;</p> <p>ECA 11 (2)(d) maintenance and testing program for equipment required for the implementation of the contingency measures and the emergency situation response;</p> <p>ECA 11 (2)(e) procedures to be undertaken as part of the implementation of the contingency measures and the emergency situation response;</p> <p>ECA 11 (2)(f) names and telephone numbers of waste management companies available for emergency response;</p>	ECA 11 (2b to 2f)	<p>Refer to https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/SCERP/Plan/Spill_Contingency_Emergency_Response_Plan.pdf</p> <p>11(2) (b) Appendix B3 and Appendix D1 and D2.</p> <p>11(2) (c) Spill kit inventory Section 11 page 67, Section 5- Emergency equipment.</p> <p>11(2) (d) Section 5 page 21 - Schedule for inspections.</p> <p>11(2) (e) Section 6.</p> <p>11(2) (f) Appendix B3.</p>
131	<p>ECA 11 (2)(g) notification protocol, with names and telephone numbers of persons to be contacted, including the Owner, the Site personnel, the Ministry of the Environment Spills Action Centre and the York Durham District, the local Fire and Police Departments, the local Municipality, the local Medical Officer of Health, and the Ministry of Labour;</p> <p>ECA 11 (2)(h) procedures and actions to be taken should the incoming Waste not meet the applicable quality criteria specified in this Certificate;</p> <p>ECA 11 (2)(i) procedures and actions to be taken should the outgoing Residual Waste fail to meet the criteria specified in this Certificate;</p> <p>ECA 11 (2)(j) procedures and actions to be taken should the current disposal options for the outgoing Residual Waste become unavailable;</p> <p>ECA 11 (2)(k) design of the contingency measure, procedures and actions should the emissions from the Site, including the fugitive odour/dust emissions, cause occurrences of public Complaints;</p> <p>ECA 11 (2)(l) procedures and actions to be taken should the Owner be unable to maintain the negative pressure in the Tipping Building;</p> <p>ECA 11 (2)(m) procedures and actions to be taken should the occurrence of Complaints require the Owner to suspend the waste processing activities at the Site; and</p>	ECA 11 (2g to m)	<p>Refer to https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/SCERP/Plan/Spill_Contingency_Emergency_Response_Plan.pdf</p> <p>11(2) (g) Appendix B3.</p> <p>11(2) (h) Section 7.</p> <p>11(2) (i) Section 7 – Handling of Rejection Material and Bulk Waste</p> <p>11(2) (j) Section 7.</p> <p>11(2) (k) Section 9 and Section 10.</p> <p>11(2) (l) Section 9 – Procedure for Negative Pressure.</p> <p>11(2) (m) Section 8 - Complaints.</p>

Appendix B1 Environmental Compliance Approval (ECA) Audit Table

Auditor Checklist		ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item	Condition		
132	<p>ECA 11 (2)(n) identification and risk assessment of all reasonably foreseeable incidents that may result in a discharge into the natural environment of any contaminant in an amount, concentration or level in excess of that prescribed by the Regulations and/or imposed by this Certificate, including but not limited to:</p> <p>(i) a breakdown of the Facility/Equipment or part of the Facility/Equipment, including the APC Equipment and the CEM Systems associated with the Boilers;</p> <p>(ii) CEM Systems indicate that the Boilers and associated APC Equipment have been out of compliance with the Performance Requirements;</p> <p>(iii) any change in process parameters which may result in non compliance with the Performance Requirements;</p> <p>(iv) power failure resulting in the use of the Emergency Diesel Generator or Total Power Failure; and</p> <p>(v) description of the preventative and control measures to minimize the occurrence or impacts of the above incidents; and</p>	ECA 11 (2n)	<p>Refer to https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/SCERP/Plan/Spill_Contingency_Emergency_Response_Plan.pdf</p> <p>11 (2) (n) Section 10 – Risk Analysis Section 11 - Spills 11 (2) (n) (i) Section 10 – CEMs 11 (2) (n) (ii) Section 10 – CEMs 11 (2) (n) (iii) Section 10 – CEMs 11 (2) (n) (iv) Section 10 – Power Failures 11 (2) (n) (v) Section 10 – Risk Analysis & Preventative Measures</p>
133	<p>(vi) procedures for corrective measures and timelines to take to address the above incidents in a timely manner to effectively prevent or minimize the discharge of any contaminant into the natural environment and continue to maintain compliance with the EPA , the Regulations and this Certificate, including procedures for Waste Processing Rate reduction, waste feed cut-off, Controlled Shutdown or Emergency Shutdown of the Boilers as applicable.</p>		<p>Refer to https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/SCERP/Plan/Spill_Contingency_Emergency_Response_Plan.pdf</p> <p>11 (2) (n) (vi) Section 12 – Shut Down of Facility – Complete & Controlled.</p>
134	<p>ECA 11 (3) The Owner shall submit the finalized Contingency and Emergency Response Plan to the Director a minimum of one hundred and twenty (120) days prior to the Commencement Date of Operation, for approval.</p> <p>ECA 11 (4) An up-to-date version of the Contingency and Emergency Response Plan shall be kept at the Site at all times, in a central location available to all staff, and it shall be available for inspection by a Provincial Officer upon request.</p> <p>ECA 11 (5) The Owner shall ensure that the names and telephone numbers of the persons to be contacted in the event of an emergency situation are kept up-to-date, and that these numbers are prominently displayed at the Site and at all times available to all staff and emergency response personnel.</p> <p>ECA 11 (6) The Contingency and Emergency Response Plan shall be reviewed on a regular basis and updated, as necessary. The revised version of the Contingency and Emergency Response Plan shall be submitted to the local Municipality and the Fire Department for comments and to the District Manager for comments and concurrence.</p> <p>ECA 11 (7) The Owner shall implement the recommendations of the updated Contingency and Emergency Response Plan, immediately upon receipt of the written concurrence from the District Manager.</p>	ECA 11 (3 to 7)	<p>11(3) Draft September 24, 2013. Final January 29, 2014 OWNERS (Januszkiewicz) to MOECC (Parrot). Spill Emergency and Emergency response plan letter dated January 29, 2014. 11(4) observed at site. 11(5) observed at site. 11(6) Section 13 – Document Review, Section 14 – Review Schedule. 11(7) Concurrence of MOECC reflected in Amendment Notice No. 1 (August 12, 2014). See additional document references attached to ECA Schedule "A"</p>
135	<p>ECA 11(8) Containment evaluations performed under the Spill Contingency and Emergency Response Plan shall be conducted by the Owner in accordance to procedures agreed by the District Manager pursuant to Conditions 8.(7)(i),(ii) and (iii).</p>	ECA 11(8)	<p>Updated as of August 12, 2014, by MOECC Amendment Notice No. 1.</p>

**Appendix B1
Environmental Compliance Approval (ECA) Audit Table**

Auditor Checklist		ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item	Condition		
136	<p>ECA 12. EMERGENCY SITUATION RESPONSE and REPORTING</p> <p>(1) The Owner shall immediately take all measures necessary to contain and clean up any spill or leak which may result from the operation at this Site and manage any emergency situation in accordance with the Contingency and Emergency Response Plan.</p> <p>(2) The Owner shall ensure that the equipment and materials listed in the Contingency and Emergency Response Plan are immediately available at the Site, are in a good state of repair, and fully operational at all times.</p> <p>(3) The Owner shall ensure that all Site personnel responsible for the emergency situation response are fully trained in the use of the equipment and related materials, and in the procedures to be employed in the event of an emergency.</p> <p>(4) All Spills as defined in the EPA shall be immediately reported to the Ministry's Spills Action Centre at 1-800-268-6060 and shall be recorded in the log book as to the nature of the emergency situation, and the action taken for clean-up, correction and prevention of future occurrences.</p>	ECA 12	<p>SOP for notification to Ministry N-ENV-1.</p> <p>From EA 17(1) Durham York Energy Centre Spill Contingency and Emergency Response Plan Prepared by Covanta Durham York Renewable Energy Limited Partnership Dated January 13, 2014.</p> <p>17(1) online at https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/SCERP/Plan/Spill_Contingency_Emergency_Response_Plan.pdf</p> <p>17(2) Draft September 24, 2013. Final January 29, 2014. OWNERS (Januszkiewicz) to MOECC (Parrot).</p> <p>Spill kits observed during site visit.</p>
137	<p>ECA 13. SUBMISSIONS to the REGIONAL DIRECTOR or DISTRICT MANAGER</p> <p>(1) The Owner shall notify the District Manager in writing, at least six (60) days prior to the scheduled date for the first receipt of Waste at the Site, as to whether or not the construction of the Facility has been carried out in accordance with this Certificate to a point of Substantial Completion.</p> <p>(2) (a) The Owner shall forthwith notify the District Manager and the Spills Action Centre by telephone, when any of the following incidents occur that may result in a discharge into the natural environment of any contaminant in an amount, concentration or level in excess of that prescribed by the Regulations and/or imposed by this Certificate:</p> <p>(i) CEM Systems indicate that the Boilers and associated APC Equipment have been out of compliance with the Performance Requirements triggering a Waste Processing Rate Reduction, Waste Feed cut-off, Controlled Shutdown or Emergency Shutdown as specified in the Emergency Response and Contingency Plan;</p> <p>(ii) failure of the APC Equipment associated with the Boilers; and</p> <p>(iii) power failure resulting in the use of the emergency diesel generator or Total Power Failure;</p>	ECA 13 (1 to 2a)	<p>April 22, 2016 OWNERS (Januszkiewicz & McDowell) to MOECC (Fumerton).</p> <p>13 (1) Owners to MOECC April 22, 2014.</p> <p>13 (2)(a)(i) 2015 ECA Annual Report: CEMS data reported in Section 7.2 and in Appendix 2. (no emissions excursions reported in 2015). CO emissions in 2015 are target values and become a compliance limit in 2016 (10.02) see 2015 ECA Annual Report Section 10.</p> <p>13 (2)(a)(ii) None reported.</p> <p>13 (2)(a)(iii) Power Outage diesel power used but no risk of discharge to environment reported by site personnel.</p>
138	<p>13 (2) (b) In addition to fulfilling the notification requirements from the EPA, the Owner shall prepare and submit a written report to the District Manager with respect to any of the above said occurrences, within five (5) calendar days of the occurrence, in the following format:</p> <p>(i) date of the occurrence;</p> <p>(ii) general description of the occurrence;</p> <p>(iii) duration of the occurrence;</p> <p>(iv) effect of the occurrence on the emissions from the Facility;</p> <p>(v) measures taken to alleviate the effect of the occurrence on the emissions from the Facility; and</p> <p>(vi) measures taken to prevent the occurrence of the same or similar occurrence in the future.</p>	ECA 13 (2 b)	<p>N/A to no ECA 13(2)(a) trigger.</p>

Appendix B1 Environmental Compliance Approval (ECA) Audit Table

Auditor Checklist		ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item	Condition		
139	<p>ECA 13. SUBMISSIONS to the REGIONAL DIRECTOR or DISTRICT MANAGER CONTINUED</p> <p>(3) Should a Spill, as defined in the EPA, occur at the Site, in addition to fulfilling the requirements from the EPA and applicable regulations, the Owner shall submit to the District Manager a written report within three (3) calendar days outlining the nature of the Spill, remedial measure taken and the measures taken to prevent future occurrences at the Site.</p> <p>(4) (a) Within ninety (90) days from the date of this Certificate, the Regions shall prepare and submit to the District Manager for concurrence, a Soil Testing Plan to monitor the impact of the Site operations at the locations where the ambient air monitoring is proposed by the Owner in accordance with the requirements set out in the EA Approval.</p>	ECA 13 (3 to 4 a)	<p>ECA 13(3) No offsite impacts Section 14 in 2015 ECA Annual Report (4 reported occurrences).</p> <p>See Section 14 of 2015 ECA annual report/4 documented.</p> <p>ECA 13(4) see item 106.</p>
140	<p>(b) (i) This Plan shall ensure that representative samples of the soil to be tested are collected in sufficient numbers and that the samples are properly preserved and tested so that reliable data on the soil characteristics is collected.</p> <p>(ii) As a minimum, the Plan shall include testing for cadmium, lead, chromium, nickel, cobalt, copper, molybdenum, selenium, zinc and mercury, Dioxins and Furans.</p> <p>(iii) This Plan shall comply with the Ministry's regulatory requirements for sampling and testing of soil and it shall include the rationale for the proposed methods.</p> <p>(iv) This Plan be kept at the Site at all times and be available for inspection by a Provincial Officer upon request.</p>	ECA 13 (4 b)	<p>See item 106.</p>
141	<p>ECA 14. RECORDS KEEPING</p> <p>(1) Any information requested by the Ministry concerning the Facility and its operation under this Certificate, including, but not limited to, any records required to be kept by this Certificate, shall be provided to the Ministry, upon request, in a timely manner.</p> <p>(2) The Owner shall retain, for a minimum of seven (7) years from the date of their creation, except as noted below, all reports, records and information described in this Certificate.</p>	ECA 14 (1 to 2)	<p>OWNER & COVANTA site staff report that they are co-operative with sharing record keeping data with MOECC staff.</p> <p>ECA 14(1) Region of Durham reports yes.</p> <p>ECA 14(2) Project Agreement requires 10 years' Document Retention.</p> <p>See COVANTA Tech Std 401.</p> <p>Posted website documents identified available.</p>
142	<p>Daily Activities</p> <p>(3) The Owner shall maintain an on-Site written or digital record of activities undertaken at the Site. All measurements shall be recorded in consistent metric units of measurement. As a minimum, the record shall include the following:</p> <p>(a) date of record and the name and signature of the person completing the report;</p> <p>(b) quantity and source of the incoming Waste received at the Site;</p> <p>(c) records of the estimated quantity of Waste thermally treated in the Boilers;</p> <p>(d) quantity of the Unacceptable Waste received at the Site by the end of the approved Waste receipt period and the type(s) of the Unacceptable Waste received;</p>	ECA 14 (3)	<p>(a) - (d) COVANTA records observed during site visit in COVANTA library / through digital access / or in the PC scale house.</p>

**Appendix B1
Environmental Compliance Approval (ECA) Audit Table**

Auditor Checklist		ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item	Condition		
143	(e) quantity and type of the Residual Waste shipped from the Site, including any required outgoing Residual Waste characterization results; (f) destination and/or receiving site(s) for the Residual Waste shipped from the Site; (g) quantity and type of any Rejected Waste accepted at the Site; (h) destination and/or receiving site(s) for the Rejected Waste shipped from the Site; (i) housekeeping activities, including litter collection and washing/cleaning activities, etc. (j) amount of electricity produced; (k) amount of excess electricity exported to the electrical grid.	ECA 14 (3)	(e) PC Scales. (f) Goudreau site. (g) 1 load rejected (scale ticket observed). (h) Back to transfer station. (i) Daily environmental activity log. (k) Excel spreadsheet: Production Stats & Waste Delivery Model.
144	Monitoring and Testing Records ECA 14 (4) The Owner shall maintain an on-Site written or digital record of activities undertaken at the Site. All measurements shall be recorded in consistent metric units of measurement. As a minimum, the record shall include the following: (a) day and time of the activity; (b) all original records produced by the recording devices associated with the CEM Systems; (c) a summary of daily records of readings of the CEM Systems, including: (i) the daily minimum and maximum 4-hour average readings for carbon monoxide; (ii) the daily minimum and maximum one hour average readings for oxygen; (iii) the daily minimum and maximum 10-minute average readings for organic matter; (iv) the daily minimum and maximum 24-hour average readings for sulphur dioxide; (v) the daily minimum and maximum 24-hour average readings for nitrogen oxides; (vi) the daily minimum and maximum 24-hour average readings for hydrogen chloride; (vii) the daily minimum and maximum 6-minute average and 2-hour average opacity readings; and (viii) the daily minimum and maximum one-hour average readings for temperature measurements.	ECA 14 (4a to 4c)	Viewed on COVANTA Screens during visit. COVANTA Acceptance Test Report November 25, 2015. CEMS data online at https://www.durhamyorkwaste.ca/EmissionsData/EmissionsData.aspx
145	ECA 14 (4) (d) records of all excursions from the applicable Performance Requirements as measured by the CEM Systems, duration of the excursions, reasons for the excursions and corrective measures taken to eliminate the excursions; (e) all records produced during any Acoustic Audit; (f) all records produced during any Source Testing; (g) all records produced by the long term sampling program for Dioxins and Furans required by this Certificate; (h) all records produced during the Residual Waste compliance testing; (i) all records produced during the Soil Testing; (j) all records produced during the Groundwater and Surface Water Monitoring required by this Certificate; (k) all records produced during the Ambient Air Monitoring required by this Certificate;	ECA 14 (4d to 4K)	ECA 14(4)(d) not performance requirements for Year 1. ECA 14(4) e-k observed.

**Appendix B1
Environmental Compliance Approval (ECA) Audit Table**

Auditor Checklist		ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item	Condition		
146	(l) all records associated with radiation monitoring of the incoming Waste, including but not limited to: (i) transaction number; (ii) hauler; (iii) vehicle ID; (iv) alarm level; (v) maximum CPS; (vi) uSv/hr; (vii) comment; (viii) background CPS; (ix) driver time in and out; and (x) name of the Trainer Personnel that carried out the monitoring. (m) results of the containment testing carried out in the buildings, conveyors, tanks and silos, as required; (n) results the negative pressure in the Tipping Building carried out, as required.	ECA 14 (4) (l to n)	2015 ECA Annual Report (Section 7.2 Radiation). (l)(i) to (l)(vii) one rejected ticket hand recorded. (l)(viii) at scale house log. (l)(x) Scale House Operator. (m) Method 22 Completed. (n) Quarterly as per Containment Protocol controlled through People soft.
147	Inspections/Maintenance/Repairs ECA 14 (5) The Owner shall maintain an on-Site written or digital record of inspections and maintenance as required by this Certificate. As a minimum, the record shall include the following: (a) the name and signature of the Trained Personnel that conducted the inspection; (b) the date and time of the inspection; (c) the list of any deficiencies discovered, including the need for a maintenance or repair activity; (d) the recommendations for remedial action; (e) the date, time and description of actions (repair or maintenance) undertaken; (f) the name and signature of the Trained Personnel who undertook the remedial action; and (g) an estimate of the quantity of any materials removed during cleaning of the Works.	ECA 14 (5)	Asset life management work orders generated to address maintenance on a schedule and as needed.
148	Emergency Situations ECA 14 (6) The Owner shall maintain an on-Site written or digital record of the emergency situations. As a minimum, the record shall include the following: (a) the type of an emergency situation; (b) description of how the emergency situation was handled; (c) the type and amount of material spilled, if applicable; (d) a description of how the material was cleaned up and stored, if generated; and (e) the location and time of final disposal, if applicable; and (f) description of the preventative and control measures undertaken to minimize the potential for re-occurrence of the emergency situation in the future.	ECA 14 (6)	Only spills reported to date. See 2015 ECA Annual Report (Section 14) Spill Report Log with SAC report number observed on site.
149	Complaints Response Records ECA 14 (7) The Owner shall establish and maintain a written or digital record of complaints received and the responses made as required by this Certificate.	ECA 14 (7)	Complaint Logs provided monthly. 2015 ECA Annual Report (Section 12).

**Appendix B1
Environmental Compliance Approval (ECA) Audit Table**

Auditor Checklist		ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item	Condition		
150	<p>Training ECA 14 (8) The Owner shall maintain an on-Site written or digital record of training as required by this Certificate. As a minimum, the record shall include the following: Page 41- Number 7306-8FDKNX (a) date of training; (b) name and signature of person who has been trained; and (c) description of the training provided.</p>	ECA 14 (8)	Training matrix & schedule observed on COVANTA system.
151	<p>Reports ECA 14 (9) The Owner shall keep at the Site the following reports required by this Certificate: (a) the ESDM Report (b) the Acoustic Assessment Report; (c) the Annual Report; and (d) the Third Party Audit.</p>	ECA 14 (9)	Copies of reports observed in OWNER library.
152	<p>15. REPORTING Annual Report (1) By March 31st following the end of each operating year, the Owner shall prepare and submit to the District Manager and to the Advisory Committee, an Annual Report summarizing the operation of the Site covering the previous calendar year. This Annual Report shall include, as a minimum, the following information: (a) a summary of the quality and the quantity of the Wastes accepted at the Site, including the maximum amount of the Waste received annually and daily and the sources of the Waste; (b) a summary of the quality and the quantity of the Residual Waste shipped from the Site, including the analytical data required to characterize the Residual Waste, the off-Site destinations for the Residual Waste and its subsequent use, if known; (c) estimated material balance for each month documenting the maximum amount of wastes stored at the Site; (d) annual water usage;</p>	ECA 15 (1a to 1h)	2015 Annual ECA Report March 31, 2016, available on site and online.
153	<p>(e) annual amount of the electricity produced and the annual amount of the electricity exported to the electrical grid; (f) summaries and conclusions from the records required by Conditions 14.(3) through 14.(8) of this Certificate; (g) the Emission Summary Table and the Acoustic Assessment Summary Table for the Facility as of December 31 from the previous calendar year; (h) a summary of dates, duration and reasons for any environmental and operational problems, Boilers downtime, APC Equipment and CEM System malfunctions that may have negatively impacted the quality of the environment or any incidents triggered by the Emergency Response and Page 42- Number 7306-8FDKNX Contingency Plan and corrective measures taken to eliminate the environmental impacts of the incidents.</p>		2015 Annual ECA Report March 31, 2016, available on site and online.

Appendix B1 Environmental Compliance Approval (ECA) Audit Table

Auditor Checklist		ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item	Condition		
154	<p>(i) a summary of the dates, duration and reasons for all excursions from the applicable Performance Requirements as measured by the CEM Systems or as reported by the annual Source Testing, reasons for the excursions and corrective measures taken to eliminate the excursions;</p> <p>(j) results of the evaluation of the performance of the long-term sampling system in determining the Dioxins and Furans emission trends and/or fluctuations for the year reported on as well as demonstrating the ongoing performance of the APC Equipment associated with the Boilers;</p> <p>(k) dates of all environmental complaints relating to the Site together with cause of the Complaints and actions taken to prevent future Complaints and/or events that could lead to future Complaints;</p>	ECA 15 (1i to 1k)	2015 Annual ECA Report March 31, 2016, available on site and online.
155	<p>(l) any environmental and operational problems that could have negatively impacted the environment, discovered as a result of daily inspections or otherwise and any mitigative actions taken;</p> <p>(m) a summary of any emergency situations that have occurred at the Site and how they were handled;</p> <p>(n) the results and an interpretive analysis of the results of the groundwater and surface water, including an assessment of the need to amend the monitoring programs;</p> <p>(o) summaries of the Advisory Committee meetings, including the issues raised by the public and their current status;</p>	ECA 15 (1i to 1o)	2015 Annual ECA Report March 31, 2016, available on site and online.
156	<p>(p) any recommendations to improve the environmental and process performance of the Site in the future;</p> <p>(q) statement of compliance with this Certificate, including compliance with the O. Reg. 419/05 and all air emission limits based on the results of source testing, continuous monitoring and engineering calculations, as may be appropriate; and</p> <p>(r) interpretation of the results and comparison to the results from previous Annual Reports to demonstrate the Facility's impact on the environment.</p>	ECA 15 (1p to 1r)	2015 Annual ECA Report March 31, 2016, available on site and online.
157	<p>Third Party Audit ECA 15 (2) (a) The Regions shall ensure that an independent technical review of the operations at the Site is undertaken in accordance with the requirements of the EA Approval. (b) In addition to the Third Party Audit requirements set out in the EA approval, the Third Party Audit shall include the following: Page 43- Number 7306-8FDKNX (i) a review of the data from the monitoring and testing required by this Certificate; (ii) a review of all complaints received about the operation of the Facility; (iii) any recommendations for improving the operation of the Facility received from the Advisory Committee; and (iv) a recommendation of any improvements that could be made to ensure that the operation of the Facility is optimized and is protective of the health and safety of people and the environment. (3) The Regions shall submit a Written Audit Report on the results of the independent technical review to the Regional Director in accordance with the Audit Plan and retain a copy at the Site.</p>	ECA 15 (2 to 3)	Previous audits on-site & Operations Phase Audit Plan on site.

**Appendix B1
Environmental Compliance Approval (ECA) Audit Table**

Auditor Checklist		Condition	ECA (Environmental Compliance Approval)	Auditor Comments April 14-15, 2016
Item				
158	Soil Testing Report 15 (4) Within one (1) month of completion of each Soil Testing event, the Regions shall submit to the District Manager a Soil Testing Report, which includes the details on the sampling/testing procedures, the results of the testing and a comparison with the results obtained during the previous Soil Testing.		ECA 15 (4)	First testing - Genivar November 20, 2013. Owners submission to MOECC November 19, 2013. MOECC to Owners January 29, 2014 - general acceptance. Second testing - WSP October 21, 2015. Owners submission to MOECC October 23, 2015. Owners report no MOECC acknowledgement.
159	PUBLIC ACCESS TO DOCUMENTATION ECA 16(1) The Owner shall, at all times, maintain documentation that describes the current operations of the Facility. The Owner shall post the documentation at the website for the undertaking and during regular business hours, the Owner shall make the following documents available for inspection at the Site by any interested member of the public, upon submission to the Ministry for review: (a) a current ESDM Report that demonstrates compliance with the Performance Limits for the Facility regarding all Compounds of Concern; (b) a current Acoustic Assessment Report that demonstrates compliance with the Performance Limits for the Facility regarding noise emissions; (c) the most recent Annual Report; (d) the most current Third Party Audit Report; (e) Odour Management and Mitigation Plan, prepared in accordance with the requirements of the EA Approval;		ECA 16	16 (1) Touch screen PC in lobby. Computer available for public to review website. ----- ECA 16(1)(c) https://www.durhamyorkwaste.ca/Assets/Documents/FacilityOperationsReports/2015/Reports/2015_DYEC_Facility_Operations_Annual_Report.pdf (Apr 2016 PRK) How does this differ from Annual Compliance report, can they be merged with ministry approval? ECA 16(1)(d) https://www.durhamyorkwaste.ca/Documents/FacilityManagementPlans/ThirdPartyAudits.aspx
160	(f) Noise Monitoring and Reporting Plan, prepared in accordance with the requirements of the EA Approval; and (g) Groundwater and Surface Water Monitoring and Reporting Plan, prepared in accordance with the requirements of the EA Approval.		ECA 16	Computer available for public to review website. DYEC Noise Monitoring and Reporting Plan (Golder) September 2011. Online at https://www.durhamyorkwaste.ca/Assets/Documents/MonitoringPlansReports/Noise/Plan/Noise_Monitoring_Reporting_Plan.pdf Letter Dated September 15, 2011. from OWNERS (Januskiewicz and McDowell) to MOECC (Garcia-Wright).
161	(2) The Owner shall ensure that necessary hardware and software are provided at a location available to the public, to provide on-line real-time reporting of the operating parameter data for the Facility, including acceptable operating limits, stack emissions, and all other parameters for which continuous monitoring is required and that continuous records of the same be kept and made available to the public.			Touch screen PC in lobby. Computer available for public to review website.
162	ECA 17. ADVISORY COMMITTEE (1) The Regions shall establish an Advisory Committee in accordance with the requirements set out in the EA Approval.		ECA 17	From EA 8(1)- The advisory committee met Apr 9, 2015, meeting scheduled Mar 16, 2016 https://www.durhamyorkwaste.ca/Assets/PublicOutreach/EFWAC/Meetings/Meeting_12/EFWAC_Meeting12_Minutes.pdf

**Appendix B1
Environmental Compliance Approval (ECA) Audit Table**

Auditor Checklist		ECA (Environmental Compliance Approval)	Auditor Comments
Item	Condition		April 14-15, 2016
163	<p>ECA 18. CLOSURE of the SITE</p> <p>(1) A minimum of nine (9) months prior to closure of the Site, the Regions shall submit, for approval by the Director, a written Closure Plan for the Site. This Plan shall include, as a minimum, a description of the work that will be done to facilitate closure of the Site and a schedule for completion of that work.</p> <p>(2) Within ten (10) days after closure of the Site, the Regions shall notify the Director and the District Manager, in writing, that the Site is closed and that the approved Closure Plan has been implemented.</p>	ECA 18	Amended October 24, 2014 N/A.

Appendix B2 Environmental Assessment Approval (EA) Audit Table

Auditor Checklist			
Item	Condition	Conditions from EA (Environmental Approval)	Auditor Comments April 14 and 15, 2016
1	General Requirements EA 2(1) The proponent shall comply with the provisions in the environmental assessment which are hereby incorporated in this Notice of Approval by reference except as provided in these conditions and as provided in any other approval or permit that may be issued for the site or the undertaking.	EA 2(1)	Operations audit also evaluated for compliance with ECA and amendments amended August 12, 2014 amended October 24, 2014 amended December 23, 2015 amended February 24, 2016 amended March 14, 2016
2	EA 2(2) These conditions do not prevent more restrictive conditions being imposed under other statutes.	EA 2(2)	As above.
3	EA 2(3) A statement must accompany the submission of any documents, reporting requirements or written notices required by this Notice of Approval to be submitted to the Director or Regional Director identifying which conditions the submission is intended to address in this Notice of Approval.	EA 2(3)	Statements included in subject line of correspondence. Transmittals of documents, and multiple written / communications (reference. Oct 30, 2015) letters from OWNERS (Januskiewicz and McDowell) to MOECC (Hedley).
4	Public Record EA 3(1) Where a document, plan or report is required to be submitted to the ministry, the proponent shall provide two copies of the final document, plan or report to the Director: a copy for filing in the specific public record file maintained for the undertaking and a copy for staff use.	EA 3(1)	Transmittals identify person(s) to whom documents are being transmitted. Hardcopy and electronic copies provided to addressee(s) and to listed copied persons to fulfill this requirement.
5	EA 3(2) The proponent shall provide additional copies of the documents required for the public record file to the following for access by the public: a) Regional Director; b) District Manager; c) Clerks of the Regional Municipality of Durham, the Regional Municipality of York, and the Municipality of Clarington; and, d) Advisory Committee (as required in Condition 8 of this Notice of Approval).	EA 3(2)	Compliance noted on October 30, 2015, correspondence from OWNERS (Januskiewicz and McDowell) to MOECC (Hedley).
6	EA 3(3) The EAAB file number EA-08-02 shall be quoted on all documents submitted by the proponent pursuant to this Condition.	EA 3(3)	EAAB file number noted on documents.
7	Compliance Monitoring Program EA 4(1) The proponent shall prepare and submit to the Director a Compliance Monitoring program outlining how it will comply with conditions in the Notice of Approval and other commitments made in the environmental assessment. EA 4(2) A statement shall accompany the submission of the Compliance Monitoring Program indicating that the submission is intended to fulfill Condition 4 of this Notice of Approval. EA 4(3) The proponent shall implement the Compliance monitoring program as it may be amended by the Director.	EA 4(1), 4(2) & 4(3)	4(1) Compliance Monitoring program on website https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/ComplianceMonitoring/Program/Compliance_Monitoring_Program.pdf 4(2) See Section 1.1 of program document . 4(3) ECA amendments noted below and on file at site. Storage Restrictions amended (dated March 14, 2016). Total Hydrocarbon monitor amended (dated March 14, 2016). Acoustic monitoring amended (dated Feb 24, 2016 and December 23, 2015). Other amendments for August 12 and October 24, 2014.
8	EA 4(4) The Compliance Monitoring Program shall describe how the proponent will monitor its fulfilment of the provisions of the environmental assessment pertaining to mitigation measures, public consultation, and additional studies and work to be carried out; the fulfilment of all other commitments made by the proponent during the environmental assessment process; and the conditions included in this Notice of Approval	EA 4(4)	See Appendix A Table in Program document (2011) and subsequent reports through 2015. Future: Compliance Monitoring Report will close out when all conditions satisfied (eg. sign off on landscaping by Clarington). Table Appendix A and B of Annual Compliance Summary, unshaded cells remain outstanding.
9	EA 4(5) The Compliance Monitoring Program shall contain an implementation schedule.	EA 4(5)	See Appendix A of 2015 Compliance and Monitoring Report. Actual or estimated completion dates provided in table.

Auditor Checklist		Conditions from EA (Environmental Approval)	Auditor Comments April 14 and 15, 2016
Item	Condition		
10	EA 4(6) The Director may require amendments to the Compliance Monitoring Program, including the implementation schedule. If any amendments are required by the Director, the Director will notify the proponent of the required amendments in writing.	EA 4(6)	No schedule amendments received. No notices reported by Region of Durham.
11	EA 4(7) The proponent shall implement the Compliance Monitoring Program, as it may be amended by the Director.	EA 4(7)	See 2015 Compliance Monitoring Report for implementation.
12	EA 4(8) The proponent shall make the documentation pertaining to the Compliance Monitoring Program available to the ministry or its designate in a timely manner when requested to do so by the ministry.	EA 4(8)	October, 30, 2015, letter to MOECC. MOECC receipt confirmation March 11, 2016.
13	EA Compliance Reporting 5(1) The proponent shall prepare an annual Compliance Report which describes its compliance with the conditions of approval set out in this Notice of Approval and which describes the results of the proponent's environmental assessment compliance Monitoring Program required by Condition 4.	EA 5(1)	2015 Compliance Monitoring Report issued October 30, 2015.
14	EA 5(2) The annual Compliance Report shall be submitted to the Director within one year from the date of approval, with the first report being due in 2011, and shall cover all activities of the previous 12 month period.	EA 5(2)	October 31, 2014 --> October 31, 2013 --> November 1, 2012 --> October 31, 2011 See MOECC letter dated March 11, 2016.
15	EA 5(3) Subsequent compliance reports shall be submitted to the Director on or before the anniversary of the date of approval each year thereafter. Each Compliance Report shall cover all activities of the previous 12 month period.	EA 5(3)	October 31, 2014 --> October 31, 2013 --> November 1, 2012 --> October 31, 2011
16	EA 5(4) The proponent shall submit annual Compliance Reports until all conditions in this Notice of Approval and the commitments in the environmental assessment are satisfied.	EA 5(4)	October 31, 2014 --> October 31, 2013 --> November 1, 2012 --> October 31, 2011
17	EA 5(5) Once all conditions in this notice of approval have been satisfied, or have been incorporated into any other ministry approval, the proponent shall indicate in its annual Compliance Report that the Compliance Report is its final Compliance Report and that all conditions in the Notice of Approval have been satisfied.	EA 5(5)	Ongoing fulfillment of conditions. See 2015 Compliance Monitoring Report.
18	EA 5(6) The proponent shall retain either on site or in another location approved by the Director, a copy of each of the annual Compliance Reports and any associated documentation of compliance monitoring activities.	EA 5 (6)	Observed in hard copy on-site.
19	EA 5(7) The proponent shall make the Compliance Reports and associated documentation available to the ministry or its designate in a timely manner when requested to do so by the ministry.	EA 5(7)	Reports available on-site. Compliance reports online at https://www.durhamyorkwaste.ca/Documents/FacilityManagementPlans/ComplianceMonitoring.aspx

Auditor Checklist		Conditions from EA (Environmental Approval)	Auditor Comments April 14 and 15, 2016
Item	Condition		
20	Complaint Protocol EA 6(1) The proponent shall implement a Complaint Protocol setting out how it will deal with and respond to inquires and complaints received during the design, construction and operation of the undertaking.	EA 6(1)	EAAB FILE NO: EA-08-02 Complaint Protocol online at https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/EFW_Complaint_Protocol.pdf Available in hard copy on-site.
21	EA 6(2) The Complaint Protocol shall be provided to the advisory committee for review prior to submission to the Director.	EA 6(2)	See March 10, 2011 letter to MOECC (Garcia-Wright) from OWNERS (Januszkiewicz/McDowell) outlining presentation to advisory committee. Draft issued to EFWAC January 20, 2011. Item #9 in EFWAC Agenda and Minutes for January 20, 2011
22	EA 6(3) The proponent shall submit the Complaint Protocol to the Director within one year from the date of approval or a minimum of 60 days prior to the start of construction, whichever is earlier.	EA 6(3)	Date of approval November 3, 2010. Initial Submission January 31, 2011. Notice of Project Commencement filed with MOL January 19, 2012.
23	EA 6(4) The Director may require the proponent to amend the Complaint Protocol at any time. Should an amendment be required, the Director will notify the proponent in writing of the required amendment and date by which the amendment must be completed.	EA 6(4)	See letter May 4, 2014, from MOECC (Hyde) to OWNERS (Anello). Re less frequent reporting required. Amended June 20, 2011 and May 4, 2015.
24	EA 6(5) The proponent shall submit the amended Complaint Protocol to the Director within the time period specified by the Director in the notice.	EA 6(5)	Date of approval November 3, 2010. Initial Submission January 31, 2011. Notice of Project Commencement filed with MOL January 19, 2012. See letter May 4, 2014, from MOECC (Hyde) to OWNERS (Anello). Re less frequent reporting required. Amended June 20, 2011, and May 4, 2015.
25	Community Involvement EA 7(1) The proponent shall prepare and implement a Community Communications Plan . The plan shall be prepare in consultation with the EAAB and to the satisfaction of the Director.	EA 7(1)	7(1) Community Communications Plan online at https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/CommunicationsPlan/Plan/Community_Communications_Plan.pdf (
26	EA 7(2) The proponent shall finalize and submit the Community Communications Plan to the Director prior to the initial receipt of non-hazardous municipal solid waste at the site.	EA 7(2)	Draft issued October 5, 2012, by OWNERS (Januszkiewicz and McDowell) to MOECC (Garcia-Wright) Final issued September 18, 2013. Approval by MOECC September 30, 2013, prior to waste receipt in 2015.
27	EA 7(3) The community Communications Plan shall include at a minimum details on: a) How the proponent plans to disseminate information to interested members of the public and any Aboriginal communities; b) How interested members of the public and any Aboriginal communities will be notified and kept informed about information on documents related to the undertaking, and when and how the information will be made available. c) The procedures for keeping interested members of the public and Aboriginal communities informed about information on documents related to the undertaking, and when and how the information will be made available.	EA 7(3)	Observed contents on site. 7(3) (a) included in Section 7.0 and 8.0. 7(3) (b) included in Section 8.0 Communications Methods and Tools. 7(3) (c) included in Section 8.3 information posted as available.
28	EA 7(4) The proponent shall give notice and provide information about the undertaking to interested members of the public and Aboriginal communities through an internet web site and by other means. Such information shall include: a) Activities that are part of the undertaking, including monitoring activities; b) Reports and records related to the undertaking that are required to be submitted under this Notice of Approval or under any other ministry approvals that apply to the undertakings; and, c) Information on the Complaint Protocol required by Condition 6 of this Notice of Approval.	EA 7(4)	Notice posted on DYEC web site. www.durhamyorkwaste.ca as well as on host Region websites. www.durham.ca and www.york.ca Community communications plan online at https://www.durhamyorkwaste.ca/Documents/FacilityManagementPlans/CommunityCommunications.aspx 7(4) (a) Monitoring plans and reports online at https://www.durhamyorkwaste.ca/Documents/MonitoringPlansReports.aspx 7(4) (b) Reports and records online at https://www.durhamyorkwaste.ca/Home/Home.aspx 7(4) (c) Complain Inquiry Protocol and logs online at https://www.durhamyorkwaste.ca/Documents/FacilityManagementPlans/ComplaintInquiryLogs.aspx

Auditor Checklist		Conditions from EA (Environmental Approval)	Auditor Comments April 14 and 15, 2016
Item	Condition		
29	EA 7(5) The proponent shall hold public meetings to discuss the design, construction and operation of the undertaking, including, but not limited to: a) At least one meeting prior to the start of construction; b) At least one meeting prior to the receipt of non-hazardous municipal solid waste on site; and, c) At least one meeting a minimum of six months but not later than 12 months after the initial receipt of non-hazardous municipal solid waste on the site.	EA 7(5)	7(5)(a) Notice to MOECC November 18, 2011. Meeting December 7, 2011. 7(5)(b) Notice to MOECC June 3, 2014. Meeting June 25, 2014. 7(5)(c) Notice to MOECC January 18, 2016. Meeting February 4, 2016
30	EA 7(6) The proponent shall provide notice of the public meetings a minimum of 15 days prior to the meeting.	EA 7(6)	See dates listed in items 29.
31	EA 7(7) The proponent shall give the Director written notice of the time, date and location of each of the required community meetings a minimum of 15 days prior to the meeting.	EA 7(7)	See dates listed in items 29.
32	Advisory Committee EA 8(1) The proponent shall establish an advisory committee to ensure that concerns about the design, construction and operation of the undertaking are considered and mitigation measures are implemented where appropriate.	EA 8(1)	8(1)The advisory committee most recently met on April 9, 2015. Meeting scheduled Mar 16, 2016. https://www.durhamyorkwaste.ca/Assets/PublicOutreach/EFWAC/Meetings/Meeting_12/EFWAC_Meeting12_Minutes.pdf
33	EA 8(2) The proponent shall provide administrative support for the advisory committee including, at a minimum: a) Providing a meeting space for advisory committee meetings; b) Recording and distributing minutes of each meetings; c) Preparing and distributing meeting notices; and, d) Preparing an annual report about the advisory committee's activities to be submitted as part of the Compliance Reports required by Condition 5 of this Notice of Approval.	EA 8(2)	8(2) (a) See agenda notes for location. 8(2) (b) See meeting minutes. 8(2) (c) Notices observed on site. See also item 29. 8(2) (d) Refer to Compliance Monitoring Report (Appendix C) eg. 2014 Compliance Monitoring Report, October 31, 2014.
34	EA 8(3) The proponent shall invite one representative from each of the following to participate on the advisory committee: a) Each of the lower tier municipalities in the Regional Municipality of Durham and, b) Each of the lower tier municipalities in the Regional Municipality of York.	EA 8(3)	EFWAC meeting #5 listed members and regrets.
35	EA 8(4) The proponent shall invite one representative from Central Lake Ontario Conservation Authority, and any other local conservation authorities that may have an interest in the undertaking to participate on the advisory committee.	EA 8(4)	Completed.
36	EA 8(5) The proponent shall invite one representative from each of the following local community groups to participate on the advisory committee: a) DurhamCLEAR; b) Durham Environmental Watch; and, c) Zero Waste 4 Zero Burning.	EA 8(5)	Completed.
37	EA 8(6) The proponent may also invite other stakeholders to participate in the advisory committee, including, but not limited to, interested members of the public, Aboriginal communities, and other federal or provincial agencies.	EA 8(6)	Completed. Public consultation from groups listed in item 36. No others identified.
38	EA 8(7) A representative from the ministry shall be invited to attend meetings as an observer.	EA 8(7)	Completed. Representatives listed in Meeting #5 minutes.
39	EA 8(8) The advisory committee shall be provided with a copy of the documents listed below for information and may review the documents as appropriate and provide comments to the proponent about the documents, including the: a) Compliance Monitoring Program required by Condition 4; b) Annual Compliance Report required by Condition 5; c) Complaint Protocol required by Condition 6; d) Community Communications Plan required by Condition 7; e) The annual reports required by Condition 10; f) Ambient Air Monitoring and Reporting Plan and the results of the ambient air monitoring program required by Condition 11;	EA 8(8)	Reported by Region of Durham personnel that documents were posted to website and provided for comment. 8(8) (a) Correspondence submitted October 14, 2011 8(8) (b) February 12, 2013 8(8) (c) January 20, 2011 8(8) (d) October 24, 2012 8(8) (e) Waste diversion reports June 8, 2015 and August 11, 2015 8(8) (f) April 11, 2011.

Auditor Checklist		Conditions from EA (Environmental Approval)	Auditor Comments April 14 and 15, 2016
Item	Condition		
40	g) Air Emissions Monitoring Plan required by Condition 12; h) Written report prepared and signed by the qualified professional required by Condition 16.5; i) Spill Contingency and Emergency Response Plan required by Condition 17; j) Odour Management and Mitigation Plan and the Odour Management and Mitigation Monitoring Reports required by Condition 18; k) Noise Monitoring and Reporting Plan as required by Condition 19; l) Groundwater and Surface Water Monitoring Plan, the results of the groundwater and surface water monitoring program, and the annual report on the results of the groundwater and surface water monitoring program required by Condition 20; and, m) Notice in writing of the date that municipal solid waste is first received as required by Condition 23.	EA 8(8)	8(8) (g) August 4, 2011 8(8) (h) October 2, 2013 8(8) (i) October 2, 2013 8(8) (j) August 4, 2011 8(8) (k) August 4, 2011 8(8) (l) August 4, 2011 8 (8) (m) Presented at EFWAC MTG # 12 April 9, 2015, and reported in approved minutes, item 2. Letter from OWNERS Feb 9, 2015 to MOECC.
41	EA 8(9) The proponent shall hold the first advisory committee meeting within three months of the date of approval. At the first meeting, the advisory committee shall develop a Terms of Reference outlining the governance and function of the advisory committee.	EA 8(9)	Meeting #1 January 20, 2011. See meeting Agenda and Minutes item 7.
42	EA 8(10) The Terms of Reference shall, at a minimum, include: a) Roles and responsibilities of the advisory committee members; b) Frequency of meetings; c) Member code of conduct; d) Protocol for dissemination and review of information including timing; and, e) Protocol for dissolution of the advisory committee.	EA8(10)	8(10)(a) Section 4. 8(10) (b) Section 8.1. 8(10) (c) Section 3.3. 8(10) (d) Section 8.0, 8.1, and 8.2. 8(10) (e) Section 10.
43	EA 8(11) The proponent shall submit the advisory committee's Terms of Reference to the Director and Regional Director.	EA 8(11)	Letter February 18, 2011, from OWNERS (Januszkiewicz and McDowell) to MOECC (Garcia-Wright and Sones). Letter March 4, 2011 from MOECC (Garcia-Wright) to OWNERS (Januszkiewicz and McDowell) satisfied with Terms of Reference.
44	Consultation with Aboriginal Communities EA 9(1) The proponent shall continue to consult with any interested Aboriginal communities during the detailed design and implementation of the undertaking.	EA 9(1)	Multiple FNs correspondence from OWNERS (Anello/Gordon) to Chiefs. October 26, 2012 21 letters.
45	Waste Diversion EA 10(1) The proponent shall make a reasonable effort to work cooperatively with all lower tier municipalities to ensure that waste diversion programs, policies and targets set by the Regional Municipalities are being met. EA 10(2) The proponent shall prepare and implement a Waste Diversion Program Monitoring Plan.	EA 10(1) & 10(2)	10(1) Durham Waste diversion letter online dated Oct 21, 2011, noting the region is working with lower tier municipalities for waste diversion (https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/WasteDiversion/Correspondence/2013/SM4RTLivingMasterPlanReportAODA.pdf) and Durham (https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/WasteDiversion/Correspondence/2010/2010_Durham_Region_Waste_Diversion_MOE_Submission_Letter.pdf) have waste Diversion plans. 10(2) 2014 Annual Reports available on line for both York and Durham, with no specific publication date provided for either document.

Auditor Checklist		Conditions from EA (Environmental Approval)	Auditor Comments April 14 and 15, 2016
Item	Condition		
46	<p>EA 10(3) The Waste Diversion Program Monitoring Plan shall provide a description of monitoring and reporting which shall at minimum include:</p> <p>a) Results of a source diversion programs and policies to determine the waste diversion rates and practices at both the regional and lower tier municipal level within the Regional Municipalities of Durham and York.</p> <p>b) Progress in the diversion programs, policies, practices and targets described in the environmental assessment at both the regional and lower tier municipal level within the Regional Municipalities of Durham and York.</p> <p>c) Monitoring results for any additional diversion programs, policies, practices and targets carried out within the Regional Municipalities of Durham and York, which are not described in the environmental assessment.</p>	EA 10(3)	<p>Waste Diversion Program Monitoring Plan & Reports online at https://www.durhamyorkwaste.ca/Documents/FacilityManagementPlans/WasteDiversion.aspx</p> <p>2015 reports not posted online as of April 18, 2016. 2014 Reports online</p> <p>Region of Durham letter to MOECC dated August 11, 2015. https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/WasteDiversion/Correspondence/2014/2014_Durham_Region_Waste_Diversion_MOECC_Submission_Letter.pdf</p> <p>York letter to MOECC dated June 8, 2015. https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/WasteDiversion/Correspondence/2014/2014_York_Region_Waste_Diversion_MOECC_Submission_Letter.pdf</p> <p>10(3) (a)(b) Region of Durham - pg 42 of 2014 Report</p> <p>10(3) (a)(b) York - Page 13, 14 of 2014 Report</p> <p>10(3) (c) other diversion programs reported, including: tires, textiles scrap metal, household hazardous waste.</p>
47	<p>EA 10(4) The proponent shall prepare and submit to the Director and Regional Director, commencing one year after the approval of the undertaking, annual reports detailing the results of the Waste Diversion Program Monitoring Plan.</p> <p>10(5) The proponent shall post the Waste Diversion Program Monitoring Plan and the annual reports required on the proponent's web site for the undertaking.</p>	EA 10(4) & 10(5)	<p>Letter Region of Durham to MOECC, dated October 21, 2011</p> <p>Letter York Region to MOECC October 21, 2011. Letter dated December 13, 2011 (outlining revisions to report).</p> <p>MOECC acceptance letter dated, November 25, 2011 for Region of Durham and York Region October 21, 2011 reports, Submission Letter Region of Durham to MOECC, dated November 1, 2012</p> <p>Submission Letter York Regions to MOECC, dated November 9, 2012</p> <p>Acceptance letter MOECC to Region of Durham, acceptance letter dated, November 30, 2012</p> <p>Acceptance letter MOECC to York Region, acceptance letter dated, November 30, 2012</p> <p>Submission Letter Region of Durham to MOECC, dated October 31, 2013</p> <p>Submission Letter York Region to MOECC, dated October 30, 2013</p> <p>Acceptance letter MOECC to Region of Durham, acceptance letter dated, November 13, 2013</p> <p>Acceptance letter MOECC to York Region, acceptance letter dated, November 13, 2013</p> <p>Submission Letter Region of Durham to MOECC, dated October 31, 2014</p> <p>Submission Letter York Region to MOECC, dated September 29, 2014</p> <p>Acceptance letter MOECC to Region of Durham, acceptance letter dated, November 28, 2014</p> <p>Acceptance letter MOECC to York Region, acceptance letter dated, November 3, 2014</p> <p>Submission Letter Region of Durham to MOECC, dated August 11, 2015</p> <p>Submission Letter York Region to MOECC, dated August 11, 2015</p> <p>Acceptance letter MOECC to Region of Durham, not posted</p> <p>Acceptance letter MOECC to York Region, not posted.</p> <p>10(5) online at https://www.durhamyorkwaste.ca/Documents/FacilityManagementPlans/WasteDiversionReports/WasteDiversionReports2014.aspx</p>
48	<p>Ambient Air Monitoring</p> <p>EA 11(1) The proponent shall prepare, in consultation with the ministry's Central Region Office and to the satisfaction of the Regional Director, an Ambient Air Monitoring and Reporting Plan for the undertaking.</p>	EA 11(1)	<p>Ambient Air Quality Monitoring Plan dated May 8, 2012 by Stantec.</p> <p>MOECC acceptance June 5, 2012 (locations).</p> <p>MOECC acceptance of revised plan May 30, 2012.</p> <p>Ambient Air - Environmental Monitoring Plans and reports, online at https://www.durhamyorkwaste.ca/Documents/MonitoringPlansReports/AmbientAir.aspx 2013 Ambient Air Reports - Report Dated May 14, 2014 (Stantec).</p>
49	<p>EA 11(2) The proponent shall submit the Ambient Air Monitoring and Reporting Plan to the Director and Regional Director a minimum of nine months prior to the start of construction or by such other date as agreed to in writing by the Regional Director.</p>	EA 11(2)	<p>August 31, 2011, to MOECC (Garcia-Wright and Sones) from OWNERS (Januszkiewicz and McDowell)</p> <p>June 2, 2011 to MOECC (Garcia-Wright and Sones) from OWNERS (Januszkiewicz and McDowell)</p> <p>Request for change in submission date OK by MOECC June 30, 2011 -to OWNERS (Januszkiewicz and McDowell) from MOECC (Garcia-Wright and Jones). Acceptance of August 31, 2011 as an alternate submission date.</p>

Auditor Checklist		Conditions from EA (Environmental Approval)	Auditor Comments April 14 and 15, 2016
Item	Condition		
50	EA 11(3) The proponent shall establish a working group that will provide advice on the development of the Ambient Air Monitoring and Reporting Plan. The Regions will, at a minimum, extend an invitation to Health Canada, the Durham Region Health Department, York Region Public Health Services, one participant from the advisory committee, and any other relevant federal or provincial government agencies including the ministry.	EA 11(3)	March 16, 2011 to Ray Copes Ontario Agency for Health Protection and Promotion from OWNERS (Januszkiewicz and McDowell). Contact list for Ambient Air Monitoring Group (Municipality of Clarington, MOECC). Informal invitations, others by formal letter invitation.
51	EA 11(4) The Ambient Air Monitoring and Reporting Plan shall include at a minimum: a) An ambient air monitoring program which includes an appropriate number of sampling locations. Siting of the sampling locations shall be in accordance with the Ministry of the Environment's Operation Manual for Air Quality Monitoring in Ontario, March 2008, as amended from time to time; b) The proposed start date for and frequency of the ambient air monitoring and reporting to be carried out; c) The contaminants that shall be monitored as part of the Ambient Air Monitoring and Reporting Plan; and d) At least one meeting on an annual basis between the proponent and the Regional Director to discuss the plan, the results of the ambient air monitoring program and any changes that are required to be made to the plan by the Regional Director.	EA 11(4)	11(4) (a) Section 3.3 of 2012 Stantec Report 11(4) (b) Section 1.2 Monitoring period of Stantec Report. 11(4) (c) Section 4.1 of Stantec Report 11 (4) (d) May 15, 2015 letter from Owners to MOECC requesting meeting regarding submission of annual report. Region of Durham staff report this occurs by teleconference.
52	EA 11(5) The proponent shall implement the ambient air monitoring program prior to the receipt of non-hazardous municipal solid waste on the site or at such other time that may be determined by the Regional Director and communicated to the proponent in writing and shall continue the monitoring until such time as the Regional Director notifies the proponent in writing that the Ambient Air Monitoring Program is no longer required.	EA 11(5)	Commenced with 2nd Quarter report April 2013. April 28, 2014, annual report for 2013. Ambient Air Monitoring continuing.
53	EA 11(6) The Regional Director may require changes to be made to the Ambient Air Monitoring and Reporting Plan and the proponents shall implement the plan in accordance with the required changes.	EA 11(6)	MOECC letter to Owners regarding 1st and 2nd Quarterly reports for 2015 and previous years with comments .
54	EA 11(7) The proponent shall report the results of the ambient air monitoring program to the Regional Director in accordance with the Ambient Air Monitoring and Reporting Plan.	EA 11(7)	February 5, 2016, Stantec 4th quarter. 2015 report submitted by owners February 12, 2016.
55	EA 11(8) Audits will be conducted by the ministry, as outlined in the Ministry of the Environment's Audit Manual for Air Quality Monitoring in Ontario, March 2008 to confirm that siting and performance criteria outlined in the Operations Manual are met. The proponent shall implement any recommendations set out in the audit report regarding siting of the sampling locations and performance criteria. The proponent shall implement the recommendations in the audit report within three months of the receipt of an audit report from the ministry.	EA 11(8)	Ambient Air Quality Monitoring Locations approved June 5, 2012, letter from MOECC.

Auditor Checklist		Conditions from EA (Environmental Approval)	Auditor Comments April 14 and 15, 2016
Item	Condition		
56	EA 11(9) The proponent shall post the Ambient Air Monitoring and Reporting Plan and the results of the Ambient Air Monitoring Program on the proponent's web site for the undertaking upon submission of the plan or results of the program to the ministry.	EA 11(9)	2013, 2014 Annual reports and 2015 Quarterly Ambient Air Reports posted online. Ambient Air Monitoring and Reporting Plan posted online https://www.durhamyorkwaste.ca/Documents/MonitoringPlansReports/AmbientAir.aspx 2013 Ambient Air Reports - Report Dated May 14, 2014 (Stantec). - Submission letter Region of Durham to MOECC, May 23, 2014. 2014 Ambient Air Reports - Report Dated May 13, 2015 (Stantec). - Submission letter Region of Durham to MOECC, May 15, 2015. 2015 Quarterly Ambient Air Reports - Q1 Report Dated May 13, 2015 (Stantec). - Q1 Submission letter Region of Durham to MOECC, May 15, 2015. - Q2 Report Dated August 6, 2015 (Stantec). - Q2 Submission letter Region of Durham to MOECC, August 11, 2015. - Q3 Report Dated November 3, 2015 (Stantec). - Q3 Submission letter Region of Durham to MOECC, November 13, 2015 - Q4 Report Dated February 5, 2016 (Stantec). - Q4 Submission letter Region of Durham to MOECC, February 12, 2016
57	EA Emissions Monitoring 12(1) The proponent shall install, operate and maintain air emissions monitoring systems that will record the concentrations of the contaminants arising from the incinerator of waste.	EA 12(1)	(Stack testing) Observed billboard on visitors centre. ORTECH Compliance Emissions Testing Report Hank Van Bakel, P.Eng., November 25, 2015.
58	EA 12(2) The air emissions monitoring systems shall be installed and operational prior to the receipt of non-hazardous municipal solid waste at the site.	EA 12(2)	OEMs available on-site in library.
59	EA 12(3) The proponent shall prepare and implement an Air Emissions Monitoring Plan. The Plan shall be prepared, in consultation with the ministry and to the satisfaction of the Director.	EA 12(3)	Revisions to current plan (Golder) dated February 2013. Request for Alternate date June 2, 2011 to MOECC (Garcia-Wright and Sones) from OWNERS (Januszkiewicz and McDowell). MOECC acceptance June 30, 2011 before August 31, 2011. Submissions August 31, 2011 to MOECC (Garcia-Wright) from OWNERS (Januszkiewicz and McDowell).
60	EA 12(4) The Air Emissions Monitoring Plan shall include, at a minimum: a) Identification of all sources of air emissions at the site to be monitored; b) Identification of which contaminants will be monitored by continuous emissions monitoring and which by stack testing; c) The proposed start date for and frequency of air emissions monitoring; d) The frequency of and format for reporting the results of air emissions monitoring; e) The contaminants that shall be monitored, which shall include at a minimum those contaminants set out in Schedule 1 to this Notice of Approval; and, f) A notification, investigation and reporting protocol to be used in the event that the concentration(s) of one or more of the contaminants released from an emission source that requires approval under Section 9 of the Environmental Protection Act exceed the relevant limits.	EA 12(4)	12(4) (a) Section 4.1. 12(4) (b) Stack testing appendix A, continuous emissions monitoring appendix B. 12(4) (c) Section 4.3. Continuous monitoring before March 31. 12(4) (d) Section 4.4.1 Annual by March 31. 12(4) (e) Identified in appendix A and B. 12(4) (f) Standard operating procedure N ENV-1 (Covanta).
61	EA 12(5) The proponent shall submit the Air Emissions Monitoring Plan to the Director, a minimum of six months prior to the start of construction or by such other date as agreed to in writing by the Director.	EA 12(5)	See item 59.

Auditor Checklist		Conditions from EA (Environmental Approval)	Auditor Comments April 14 and 15, 2016
Item	Condition		
62	<p>EA 12(6) The proponent shall [prepare and] implement an Air Emissions Monitoring Plan such that the monitoring commences when the first discharges are emitted from the facility to the air or at such other time as the Director may agree to in writing and shall continue until such time as the director notifies the proponent in writing that the Air Emissions Monitoring Plan is no longer required.</p> <p>12(7) The proponent shall post the reports of the air emissions monitoring systems on the proponents web site for the undertaking.</p> <p>12(8) For those contaminants that are monitored on a continuous basis, the proponent shall post on the proponent's website for the undertaking the results of the monitoring for each of those contaminants in real time.</p>	EA 12 (6) , 12(7) & 12(8)	<p>12(6) See item 59. Plan available online at https://www.durhamyorkwaste.ca/Assets/Documents/MonitoringPlansReports/AirEmissionMonitoring/Plan/Air_Emissions_Monitoring_Plan_AEMP.pdf (PRK April 13, 2016) 12(7) reports at https://www.durhamyorkwaste.ca/Documents/MonitoringPlansReports/AirEmissionsMonitoringPlan.aspx (PRK April 13, 2016) 12(8) Hourly Compliance data at Boiler 1 and 2 https://www.durhamyorkwaste.ca/EmissionsData/EmissionsData.aspx</p>
63	<p>Air Emissions Operational Requirements EA 13(1) The proponent is expected to operate the undertaking in accordance with Schedule 1 of this Notice of Approval. If the facility is not operating in accordance with Schedule 1, the operator is required to take steps to bring the facility back within these operational requirements.</p>	EA 13(1)	Ortech Compliance Emissions Testing Report November 25, 2015 Report No. 21596-1. No Opacity measurements; reported by COVANTA as completed using visual methods. Other Schedule 1 parameters within limits.
64	<p>EA 13(2) Schedule 1 sets out the operational requirements the ministry expects the facility to meet during the normal operating conditions of the facility when operating under a steady state but does not include start up, shut down, or malfunction.</p>	EA 13(2)	OK by Ortech Compliance Emission Testing Report #21546-1.
65	<p>EA 13(3) The timing and frequency of monitoring for a contaminant in Schedule 1 shall be as required by the approval granted to the facility under the Environmental Protection Act, should approval be granted.</p>	EA 13(3)	See ECA Schedule C.

Auditor Checklist		Conditions from EA (Environmental Approval)	Auditor Comments April 14 and 15, 2016
Item	Condition		
66	<p>Daily Site Inspection EA 14(1) The Proponent shall conduct a daily inspection of the site including the non-hazardous municipal solid waste received at the site, each day the undertaking is in operation to confirm that:</p> <ul style="list-style-type: none"> (a) The site is secure; (b) the operation of the undertaking is not causing any nuisance impacts; (c) the operation of the undertaking is not causing any adverse effects on the environment; (d) The undertaken is being operated in compliance with the conditions in this Notice of Approval and any other ministry approvals issued for the undertaking; and (e) Only non-hazardous waste is being received at the site. 	EA 14 (1)	<p>Abell Pest Control. 14(1) (a) Perimeter fence and gated access. Outside Environmental checklist. Other SOPs in place to inspect incoming waste.</p>
67	<p>EA 14(2) If, as a result of the daily inspection, any deficiencies are noted by the employee in regards to the factors set out in 14(1) above, the deficiency shall be remedied immediately by the proponent. If necessary to remedy the deficiency, the proponents shall cease operations at the site until the deficiency has been remedied.</p>	EA 14(2)	Reported on outside Environmental checklist. Includes action taken to rectify and weekly Environmental Site Inspection.
68	<p>Daily Site Inspection cont'd EA 14(3) A record of the daily inspections shall be kept in the daily log book required in condition 15. The information below must be recorded in the daily log book by the person completing the inspection and includes the following information:</p> <ul style="list-style-type: none"> (a) the name and signature of the person that conducted the daily inspection; (b) the date and time of the daily inspection; (c) a list of deficiencies discovered during the daily inspection; (d) any recommendation for action; and, (e) the date, time and description of actions taken. <p>14(4) The proponent shall retain either on site or in another location approved by the District Manager, a copy of the daily log book and any associated documentation regarding the daily site inspections.</p>	EA 14 (3) EA 14(4)	<p>Outside Environmental checklist. Observed daily logs in COVANTA library. Corrective actions completed same day unless noted otherwise on logs. Reported on outside Environmental checklist. Includes action taken to rectify and weekly Environmental Site Inspection.</p>
69	<p>Daily Record Keeping EA 15(1) The proponent shall maintain a written daily log which shall include the following information:</p> <ul style="list-style-type: none"> (a) Date; (b) Types, quantities and source of non-hazardous municipal solid waste received; (c) Quantity of unprocessed, processed and residual non-hazardous municipal solid waste on the site; (d) Quantities and destination of each type of residual material shipped from the site; (e) the record of daily site inspections required to be maintained by condition 	EA 15 (1)	<ul style="list-style-type: none"> (a) Observed daily logs. (b) In PC scales. (c) Tabled based on PC scales on grapple crane scales (d) In PC scales. (e) Observed daily logs.
70	<p>EA 15(1) (f) A record of any spills or process upsets at the site, the nature of the spill or process upset and the action taken for the clean up or correction of the spill or process upset, the time and date of the spill or process upset, and for the spills, the time that the ministry and other persons were notified of the spill pursuant to the reporting requirement of the Environmental Protection Act;</p> <ul style="list-style-type: none"> (g) A record of any waste that was refused at the site, including: amounts reason for refusal and actions taken; and, h) The name and signature of the person completing the report. 	EA 15 (1)	<ul style="list-style-type: none"> (f) Spills report kept on COVANTA log registry. See also 2015 ECA Annual Report (Section 14) (g) 1 load rejected, scale ticket observed. Load sent back to transfer station. (h) Observed daily logs.

Auditor Checklist		Conditions from EA (Environmental Approval)	Auditor Comments April 14 and 15, 2016
Item	Condition		
71	EA 15(2) The proponent shall retain either on site or in another location approved by the District Manager, a copy of the daily log book and any associated documentation	EA 15(2)	Observed on-site.
72	EA 15(3) The proponent shall make the daily log book and any associated documentation available to the ministry or its designate in a timely manner when requested to do so by the ministry.	EA 15(3)	Reported by COVANTA staff available for inspection and observed.
73	Third Party Audits EA 16(1) The proponent shall retain the services of a Qualified, Independent Professional Engineer to carry out an independent audit of the undertaking.	EA 16(1)	5 previous Construction audits Construction Phase Audit Report #1 - Construction Phase Audit Report #1, dated June 14, 2012 (Malroz). - Submission letter Region of Durham to MOECC, June 15, 2012. - MOECC confirmation of receipt August 22, 2012 Construction Phase Audit Report #2 - Construction Phase Audit Report #2, dated April 15, 2013 (Malroz). - Submission letter Region of Durham to MOECC, April 15, 2013 Construction Phase Audit Report #3 - Construction Phase Audit Report #3, dated September 16, 2013 (Malroz). - Submission letter Region of Durham to MOECC, September 20, 2013 Construction Phase Audit Report #4 - Construction Phase Audit Report #4, dated April 11, 2014 (Malroz). - Submission letter Region of Durham to MOECC, April 14, 2014 Construction Phase Audit Report #5 - Construction Phase Audit Report #5, dated March 21, 2016 (Malroz). - Submission letter Region of Durham to MOECC, March 23, 2016
74	EA 16(2) Within six months from the date of approval or other such date as agreed to in writing by the Regional Director, the proponent shall submit to the Director and the Regional Director, the name of the Qualified, Independent Professional Engineer and the name of the company where he/she is employed.	EA 16(2)	November 16, 2011 - Region of Durham to MOECC Construction Phase Third Party Auditor Notification December 8, 2011 - MOECC to Region of Durham acceptance Construction Phase Third Party Auditor June 9, 2014 OWNERS (Januszkiewicz and McDowell) to MOECC (Goyette) re Auditor Notification. See Item 73. Owners and MOECC correspondence.
75	EA 16(3) The proponent shall submit an audit plan to the satisfaction of the Regional Director that sets out the timing of and frequency for the audits, as well as the manner in which the audits are to be carried out.	EA 16(3)	October, 2013 - From OWNERS (Januszkiewicz and McDowell) to MOECC (Goyette). Operations Phase Audit Plan. October 24, 2013 MOECC (Goyette) to OWNERS (Anello) - Acceptance of Audit Plan. November 16, 2011 - Region of Durham to MOECC Construction Phase Third Party Auditor Notification December 8, 2011 - MOECC to Region of Durham acceptance Construction Phase Third Party Auditor
76	EA 16(4) The audit shall include, at a minimum, the following: a) A detailed walkthrough of the entire site; b) A review of all operations used in connection with the undertaking; and, c) A detailed review of all records required to be kept by this Notice of Approval or under any other ministry approvals for the undertaking. d) The proponent shall obtain from the Qualified, Independent Professional Engineer, a written report of the audit prepared and signed by the Qualified, Independent Professional Engineer that summarizes the results of the audit.	EA 16(4)	Operations Phase Audit plan. Yes, for previous audits. See this report for compliance with Operations Phase Audit #1 (2015).
77	EA 16(5) The proponent shall submit the written report summarizing the result of the audit to the Regional Director no later than 10 business days following the completion of the audit.	EA 16(5)	5 previous Construction Phase audits Construction Phase Audit Report #1 - Submission letter Region of Durham to MOECC, June 15, 2012. Construction Phase Audit Report #2 - Submission letter Region of Durham to MOECC, April 15, 2013 Construction Phase Audit Report #3 - Submission letter Region of Durham to MOECC, September 20, 2013 Construction Phase Audit Report #4 - Submission letter Region of Durham to MOECC, April 14, 2014 Construction Phase Audit Report #5- Submission letter Region of Durham to MOECC, March 23, 2016

Auditor Checklist		Conditions from EA (Environmental Approval)	Auditor Comments April 14 and 15, 2016
Item	Condition		
78	EA 16(6) The proponent shall retain either on site or in another location approved by the Regional Director, a copy of the written audit report and any associated documentation.	EA 16(6)	Previous Audits onsite. See item 73.
79	EA 16(7) The proponent shall make the written audit report and any associated documentation available to the ministry or its designate in a timely manner when requested to do so by the ministry.	EA 16(7)	See transmittals on above. Available on site and online. March 23, 2016, for most recent submission.
80	EA 16(8) The proponent shall post the written audit report and any associated documentation available for the undertaking following submission of the report to the ministry	EA 16(8)	5 previous Construction Phase audits Construction Phase Audit Report #1 - Submission letter Region of Durham to MOECC, June 15, 2012. Construction Phase Audit Report #2 - Submission letter Region of Durham to MOECC, April 15, 2013 Construction Phase Audit Report #3 - Submission letter Region of Durham to MOECC, September 20, 2013 Construction Phase Audit Report #4 - Submission letter Region of Durham to MOECC, April 14, 2014 Construction Phase Audit Report #5- Submission letter Region of Durham to MOECC, March 23, 2016 Available online at: https://www.durhamyorkwaste.ca/Documents/FacilityManagementPlans/ThirdPartyAudits.aspx
81	Spill Contingency and Emergency Plan EA 17(1) The proponent shall prepare and implement a spill contingency and emergency response plan. 17(2) The proponent shall submit to the director, the Spill Contingency and Emergency Response Plan a minimum of 60 days prior to the receipt of non-hazardous municipal solid waste a the site or such other date as agreed to in writing by the Director	EA 17 (1) & EA 17(2)	17(1) Durham York Energy Centre Spill Contingency and Emergency Response Plan Prepared by Covanta Durham York Renewable Energy Limited Partnership Dated January 13, 2014. Available online at https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/SCERP/Plan/Spill_Contingency_Emergency_Response_Plan.pdf 17(2) Draft submission September 24, 2013. Final January 29, 2014. Spill Contingency and Emergency Response Plan letter dated January 29, 2014, (OWNERS to MOECC). August 12, 2014, MOECC approval, by Amendment to Environmental Compliance Approval Notice No. 1. (added to Schedule A)
82	EA 17(3) The Spill Contingency and Emergency Response Plan shall include, but is not limited to: a) Emergency response procedures , including notification procedures in case of a spill, fires, explosions or other disruptions to the operations of the facility; b) Cell and business phone numbers and work locations for all person(s) responsible for the management of the site; c) Emergency phone numbers for the local ministry office, the ministry's sills action centre, and the local Fire Department; d) Measures to prevent spills, fires and explosions; e) Procedures for use in the event of a fire;	EA 17(3)	17(3) (a) page 15 Section 3. 17(3) (b) Appendix B3. 17(3) (c) Appendix B1 and Appendix B2 17(3) (d) page 45 (section 6) COVANTA, SOP S-ENV-2 for Spill Response. 17(3) (e) page 60 (section 10) S-ENV-2 Spill Response (COVANTA) Emergency Action Plan SOP M-FRS-5 and M-FPS-6
83	EA 17(3) f) Details regarding equipment for spill clean-up and all control and safety devices; g) Shut down procedures for all operations associated with the undertaking including alternative waste disposal site locations; h) Maintenance and testing program for spill clean up equipment and fire fighting equipment i) Training for site operations and emergency response personnel; and j) A plan, identifying the location and nature of wastes on site.	EA 17(3)	17(3) (f) Spill kit inventory Section 11 page 67. 17(3) (g) Section 12 page 68. ECA 6(4). 17(3) (h) Section 5 page 21 (including 1 line on table page 22). 17(3) (i) Appendix D1 and D2. 17(3) (j) Appendix A - storage of material (process chemicals and fuels)

Auditor Checklist		Conditions from EA (Environmental Approval)	Auditor Comments April 14 and 15, 2016
Item	Condition		
84	EA 17(4) The proponent shall provide the Spill Contingency and Emergency Response Plan to the District Manager, the local Municipality of Clarington and the local Municipality of Clarington Fire Department a minimum of 30 days prior to the initial receipt of non-hazardous municipal solid waste at the site or such other date as agreed to in writing by the Director.	EA 17(4)	Durham York Energy Centre Spill Contingency and Emergency Response Plan Prepared by Covanta Durham York Renewable Energy Limited Partnership Dated January 13, 2014. Plan online at https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/SCERP/Plan/Spill_Contingency_Emergency_Response_Plan.pdf Draft September 24, 2013. Final January 29, 2014. Spill Emergency and Emergency response plan letter dated January 29, 2014. January 29, 2014 owners to MOECC identifying Clarington and Clarington Fire Department provided with copies of the plan
85	EA 17(5) The proponent shall take all necessary steps to contain and clean up a spill on the site. A spill or upset shall be reported immediately to the ministry's Spills Action Centre at (416) 325-3000 or 1-800-268-6060.	EA 17(5)	Spills report. Spills Binder. Occurrence reports observed. See section 11 page 62-63.
86	Odour Management and Mitigation EA 18(1) The proponent shall prepare, in consultation with the ministry's Central Region Office and to the satisfaction of the Regional Director, and implement an odour management and Mitigation Plan for the undertaking. 18(2) The Proponent shall prepare and submit the Odour Management and Mitigation Monitoring reports annually to the Regional Director with the first report submitted beginning six months following the initial receipt of non-hazardous municipal solid waste at the site or such other date as agreed to in writing by the Regional Director.	EA 18 (1), 18 (2), 18 (5) & 18 (6)	18 (1) Revised plan December 2014 Golder. Submitted January 8, 2015 to MOECC by owners . No acknowledgement from MOECC provided accepting revised plan. Plan online at https://www.durhamyorkwaste.ca/Assets/Documents/MonitoringPlansReports/Odour/Plan/Odour_Management_Mitigation_Plan.pdf Reports online at https://www.durhamyorkwaste.ca/Assets/Documents/MonitoringPlansReports/AirEmissionMonitoring/SourceTest/November_2015_Odour_Test_Report.pdf
87	EA 18(3) The Odour Management and Mitigation Plan shall include at a minimum: a) Standard operating and shut down procedures; b) Maintenance schedules; c) Ongoing monitoring for and reporting of odour; d) Corrective action measures and other best management practices for ongoing odour control and for potential operational malfunctions; e) A schedule for odour testing at sensitive receptors; and, f) A section that specifically addresses odour control measures should operation of the undertaking be disrupted or cease.	EA 18(3)	Covanta DYEC - Fugitive Dust and Odour Control. SOP D-ENV-003 Nov 18, 2014. 18(3) (a) Section 4 and 7. 18(3) (b) Section 5. 18(3) (c) Section 6. 18(3) (d) Section 7. 18(3) (e) Section 6 table 3. 18(3) (f) Section 7.

Auditor Checklist		Conditions from EA (Environmental Approval)	Auditor Comments April 14 and 15, 2016
Item	Condition		
88	EA 18(4) The proponent shall prepare and submit the Odour Management and Mitigation Monitoring Reports annually to the Regional Director with the first report submitted beginning six months following the initial receipt of non-hazardous municipal solid waste at the site or such other date as agreed to in writing by the Regional Director.	EA 18(4)	Zorix Environmental Odour Report part of Covanta Acceptance Test Report April 7, 2016 MOECC to OWNERS confirming receipt of November 26, 2015, submission. All subsequent reports to be submitted by November 26.
89	EA 18(5) The Odour Management and Mitigation Monitoring Reports shall be submitted every 12 months from the date of the submission of the first report or until such time as the Regional Director notifies the proponent in writing that the odour management and Mitigation Monitoring Reports are no longer required. EA 18(6) The Proponent shall post the Odour Management and Mitigation Monitoring Reports on the proponent's web site for the undertaking following submission of the reports to the Regional Director.	EA 18(5) EA 18(6)	Source Test Report, Odour Test at, Durham York Energy Centre, November 23, 2015 (Zorix) Online at https://www.durhamyorkwaste.ca/Assets/Documents/MonitoringPlansReports/AirEmissionMonitoring/SourceTest/November_2015_Odour_Test_Report.pdf
90	Noise Monitoring and Reporting EA 19(1) The proponent shall prepare, and implement a Noise Monitoring and Reporting Plan for the undertaking.	EA 19(1)	DYEC Noise Monitoring and Reporting Plan (Golder) September 2011. Online at https://www.durhamyorkwaste.ca/Assets/Documents/MonitoringPlansReports/Noise/Plan/Noise_Monitoring_Reporting_Plan.pdf
91	EA 19(2) The proponent shall submit the Noise Monitoring and Reporting Plan to the Director a minimum of 90 days prior to the start of construction or such other date as agreed to in writing by the Director.	EA 19(2)	Letter Dated September 15, 2011. To MOECC (Garcia-Wright) from OWNERS (Januszkiewicz and McDowell).
92	EA 19(3) The Noise Monitoring and Reporting Plan shall include a protocol to ensure that the noise emissions from the facility comply with the limits set out in the Ministry of the Environment's Publication NPC-205 "Sound Level Limits for Stationary Sources in Class 1 & 2 Areas (Urban)", October 1995, as amended from time to time.	EA 19(3)	Section 4.0/9.0 of Golder Plan "Class 2" per MOE-NPC-205.
93	EA 19(4) The proponent shall post the Noise Monitoring and Reporting Plan and on the proponent's web site for the undertaking following submission of the plan to the Director.	EA 19(4)	online at https://www.durhamyorkwaste.ca/Assets/Documents/MonitoringPlansReports/Noise/Plan/Noise_Monitoring_Reporting_Plan.pdf Letter Dated September 15, 2011, to MOECC (Garcia-Wright and Goyette) from OWNERS (Januszkiewicz and McDowell).
94	Groundwater and Surface Water Monitoring and Reporting EA 20(1) Prior to the start of construction, the proponent shall identify any areas where the undertaking may affect groundwater or surface water. For those areas, the proponent shall prepare and implement, in consultation with the ministries Central Region Office and to the satisfaction of the Regional Director, a Groundwater and Surface Water Monitoring Plan.	EA 20(1)	Stantec DYEC Groundwater and Surface Water monitoring Plan September 14, 2011. Owners submission to MOECC September 15, 2011. MOECC letter to OWNERS accepting plan October 14, 2011.
95	EA 20(2) The proponent shall provide the Groundwater and Surface Water Monitoring Plan to other any government agencies for review and comment, as may be appropriate.	EA 20(2)	July 7, 2011, Owners to MOECC identifies consultation with EFWAC which includes CLOCA as a member.

Auditor Checklist		Conditions from EA (Environmental Approval)	Auditor Comments April 14 and 15, 2016
Item	Condition		
96	EA 20(3) The Groundwater and Surface Water Monitoring Plan shall include at a minimum: a) A groundwater and surface water monitoring program; b) The proposed start date and frequency of groundwater and surface water monitoring; c) The contaminants that shall be monitored as part of the groundwater and surface water monitoring program; and, d) At least one meeting each year between the proponent and the Regional Director to discuss the plan, the results of the monitoring program and any changes that are required to be made to plan by the Regional Director.	EA 20(3)	20(3) (a) Section 3 and Section 4. 20(3) (b) Section 2.6 and Section 3.4. 20(3) (c) Section 2.4 and Section 3.4.1 20(3) (d) Owners letter to MOECC with transmittal of annual report April 30, 2015.
97	EA 20(4) The proponent shall submit the Groundwater and Surface Water Monitoring Plan to the Regional Director a minimum of 90 days prior to the start of construction or such other date as agreed to in writing by the Regional Director.	EA 20(4)	See item 94. Stantec DYEC Groundwater and Surface Water monitoring Plan September 14, 2011. Owners submission to MOECC September 15, 2011. MOECC to Owners accepting plan October 14, 2011.
98	EA 20(5) The Regional Director may require changes to be made to the Groundwater and Surface Water Monitoring Plan and the proponent shall implement the plan in accordance with the required changes.	EA 20(5)	MOECC letter to OWNERS accepting plan October 14, 2011.
99	Groundwater and Surface Water Monitoring and Reporting EA 20(6) The groundwater and surface water monitoring program shall commence prior to the receipt of non-hazardous municipal solid waste at the site or such other time as agreed to in writing by the Regional Director and shall continue until such time as the Regional Director notifies the proponent in writing that the groundwater and surface water monitoring program is no longer required.	EA 20 (6)	Program online at https://www.durhamyorkwaste.ca/Assets/Documents/MonitoringPlansReports/GroundSurfaceWaterReports/Reports/Groundwater_Surface_Water_Monitoring_Plan.pdf , Reports online at https://www.durhamyorkwaste.ca/Documents/MonitoringPlansReports/GroundSurfaceWater/GroundSurfaceWaterReports2015.aspx 2015 - March 11, 2016 submission letter OWNERS (Januszkiewicz and McDowell) to MOECC (Hennessy and Goyette) 2014- April 30, 2015 submission letter OWNERS (Januszkiewicz and McDowell) to MOECC (Hennessy and Goyette) May 15, 2015 approval letter MOECC (Goyette) to OWNERS (Januszkiewicz and McDowell) 2013 - April 30, 2014 Submission letter OWNERS (Januszkiewicz and McDowell) to MOECC (Garcia-Wright and Goyette) May 9, 2014 approval letter MOECC (Garcia-Wright) to OWNERS (Januszkiewicz and McDowell) 2012 - April 30, 2013 Submission letter OWNERS (Januszkiewicz) to MOECC (Parrott and Goyette) May 24, 2013 - Comments MOECC (Panko) to OWNERS (Januszkiewicz) October 18, 2013 Response letter OWNERS (Januszkiewicz and McDowell) to MOECC (Garcia-Wright and Goyette) October 31, 2013 Acceptance letter, MOECC (Garcia-Wright) to OWNERS (Januszkiewicz and McDowell).
100	EA 20(7) Thirty days after waste is first received on site, the proponent shall prepare and submit to the Director and Regional Director, a report containing all of the results of the groundwater and surface water monitoring program.	EA 20 (7)	Owners to MOECC March 11, 2015. MOECC to Owners with acceptance May 15, 2015. https://www.durhamyorkwaste.ca/Assets/Documents/MonitoringPlansReports/GroundSurfaceWaterReports/2015/Reports/Groundwater_Facility_Initiation_Report.pdf .
101	EA 20(8) The proponent shall prepare and submit to the Director and Regional Director an annual report containing the results of the groundwater and surface water monitoring program. The first report shall be submitted 12 months from the start of the monitoring program and every year thereafter	EA 20 (8)	Region of Durham staff report that 2015 report is in progress. online at https://www.durhamyorkwaste.ca/Documents/MonitoringPlansReports/GroundSurfaceWaterReports.aspx
102	EA 20(9) The proponent shall prepared and submit to the director and Regional Director, a reporting containing the results of the groundwater and surface water monitoring program within 30 days of any of the following events: (a) A spill occurs on site; (b) A fire or explosion occurs on site; (c) A process upset; or (d) Any disruption to normal operations that may directly or indirectly have an impact on groundwater or surface water.	EA 20 (9)	20(9) (a) No reportable events. 20(9) (b) None reported. 20(9) (c) None reported. 20(9) (d) None reported.

Auditor Checklist		Conditions from EA (Environmental Approval)	Auditor Comments April 14 and 15, 2016
Item	Condition		
103	EA 20(10) The proponent shall post the Groundwater and Surface Water Monitoring plan and all reports required by this condition on the proponent's web site for the undertaking following submission of the plan and reports to the ministry.	EA 20 (10)	Program online at https://www.durhamyorkwaste.ca/Assets/Documents/MonitoringPlansReports/GroundSurfaceWaterReports/Reports/Groundwater_Surface_Water_Monitoring_Plan.pdf , Reports online at https://www.durhamyorkwaste.ca/Documents/MonitoringPlansReports/GroundSurfaceWater/GroundSurfaceWaterReports2015.aspx
104	Types of Waste and Service Area EA 21(1) Only non-hazardous municipal solid waste from municipal collection within the jurisdictional boundaries of the Regional Municipality of Durham and the Regional Municipality of York may be accepted at this site.	EA 21 (1)	2015 Tonnage report dated February 14, 2016, identifies Durham and York as the only waste sources . Observed inspection and sorting of waste to confirm non-hazardous.
105	EA 21(2) Materials which have been source separated for the purposes of diversion shall not be accepted at this site. This prohibition does not apply to the non-recyclable residual waste remaining after the separation of the recyclable materials from the non-recyclable materials at the materials recycling faculty or other processing facility.	EA 21 (2)	2015 Tonnage report dated February 14, 2016, identifies Durham and York as the only waster sources. Scale house reports waste comes from transfer stations. Regional waste diversion plans separate recyclable materials at transfer stations.
106	EA 21(3) The proponent shall ensure that all incoming waste is inspected prior to being accepted at the site to ensure that only non-hazardous municipal solid waste is being accepted.	EA 21 (3)	Standard operating procedure - materials received only after passing through Region of Durham or York transfer station.
107	EA 21(4) If any materials other than non-hazardous municipal solid waste are found during inspection or operation, the proponent shall ensure that management and disposal of the material is consistent with ministry guidelines and legislation.	EA 21 (4)	Covanta SOP-VREF-1 - unacceptable waste. Identifies non-compliant waste and separation / management / disposal.
108	Amount of Waste EA 22(1) The maximum amount of non-hazardous municipal solid waste that may be processed at the site is 140,000 tonnes per year.	EA 22(1)	2015 total = 100,792.13 tonnes.
109	Notice of the Date Waste First Reviewed EA 23(1) Within 15 days of the receipt of the first shipment of waste on site, the proponent shall give the Director and Regional Director written notice that the waste has been received.	EA 23 (1)	Owners to MOECC. Waste first received February 9, 2015.
110	Construction and Operation Contracts EA 24(1) In carrying out the undertaking, the proponent shall require that its contractors, subcontractors and employees: a) full fil the commitments made by the proponent in the environmental assessment process, including those made in the environmental assessment and in the proponent's responses to comments received during the environmental assessment comment periods; b) meet applicable regulatory standards, regarding the construction and operation of the undertaking; c) obtain any necessary approvals, permits or licenses; and, d) have the appropriate training to perform the requirements of their position.	EA 24 (1)	Project agreement between owners and COVANTA. Section 42- Operational Performance. Section 9- H & S. Section 10 Environmental.
111	Amending procedures EA 25(1) Prior to implementing any proposed changes to the undertaking, the proponent shall determine what Environmental Assessment Act requirements are applicable to the proposed changes and shall fulfill those Environmental Assessment Act requirements.	EA 25 (1)	N/A - no amendments.

Appendix C
Site Walkthrough Photos



Photo 1: looking west along north property boundary.



Photo 2: looking south along roadways on west side of facility.



Photo 3: spill kit for west storm water management pond with pond in the background.



Photo 4: looking west across west storm water management pond, with monitoring wells across pond.



Photo 5: looking west, through gate at fence along the waste receiving road.



Photo 6: signage on weigh scale building.



Photo 7: looking west along fencing south of the storm water management pond.



Photo 8: looking northwest showing stockpiled soils from west corner storm water management pond cleanout. To be removed from site when half load restrictions come off roads.



Photo 9: signage at west of waste receiving driveway.



Photo 10: signage at gate on waste receiving driveway.



Photo 11: west perimeter fencing, looking north from southwest corner.



Photo 12: monitoring well protective cover at northwest corner of site.



Photo 13: looking southwest across visitor centre parking lot.



Photo 14: signage at visitor centre parking lot.



Photo 15: tipping building exit – doors closed when not being used for building egress.

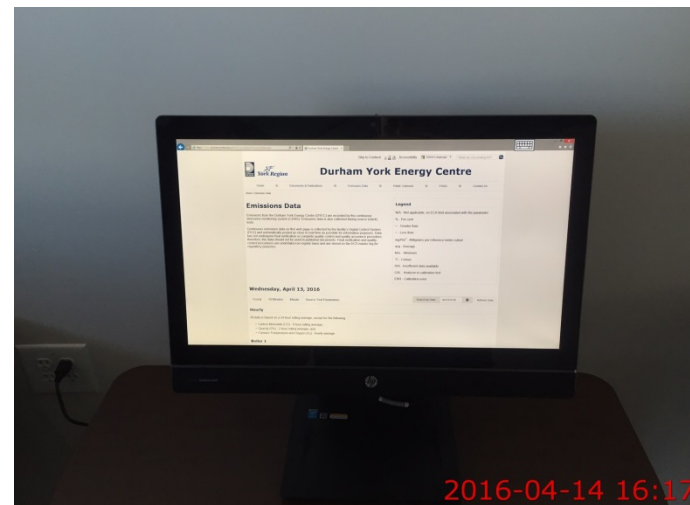


Photo 16: computer in visitor centre with access to site website, including documentation posted to the internet.



Photo 17: emergency wash station next to lime loading station.



Photo 18: signage on building access.



Photo 19: refuelling area with spill containment drum.



Photo 20: waste tipping building of gantry crane loading waste into receiving hopper.



Photo 21: storage of unacceptable waste in the tipping building.



Photo 22: signage on access to furnace.



Photo 23: storage of waste cylinders in grizzly building.



Photo 24: storage of treated ash in bunkers prior to off-site shipment.

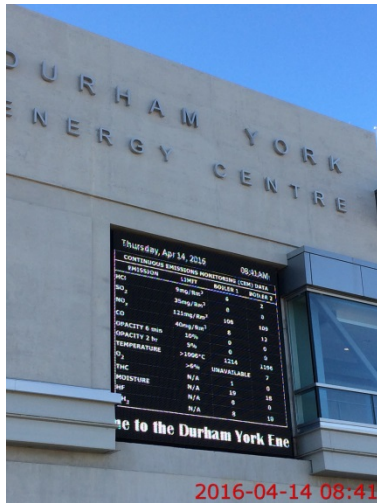


Photo 25: real time public display board from the visitor's parking lot.



Photo 26: trucks entering the tipping building – doors closed prior to entry..



Photo 27: pest control trap at fenced perimeter of the facility.



Photo 28: general condition of traffic areas exiting the residual waste recovery areas – very minor debris.



Photo 29: landscaping exhibiting some winter damage to young plantings.



Photo 30: vegetated swale with rock check and catch basin leading to storm water management pond.



Photo 31: looking southwest across west storm water management pond. Groundwater monitoring wells, landscaping plantings and access road in the background.



Photo 32: storm water management pond sediments temporarily stored on site – silt fence enclosure in need of repair.



Photo 33: silt fence enclosing temporary sediment storage – in need of repair.



Photo 34: looking north across east storm water management pond.



Photo 35: on site signage.



Photo 36: oversized metals recovery.

Appendix D
Documents Available on the Project Website

**Appendix D
Documents Available on the Project Website**

Item #	Confirmed	DOCUMENT REQUIRED	REFERENCE DOCUMENT	SPECIFIC CONDITION/SECTION	DETAILED CONDITION/SECTION	COMMENTS	Web Link	Web Link - to specific PDF
Web 1	✓	Ambient Air Monitoring and Reporting Plan & Reports	EA	11.9	The proponent shall post the Ambient Air Monitoring and Reporting Plan and the results of the ambient air monitoring program on the proponent's web site for the undertaking upon submission of the plan or results of the program to the ministry.	Also required by CofA Condition 7. (4) (c).	https://www.durhamyorkwaste.ca/Documents/MonitoringPlansReports/AmbientAir/AmbientAirReports2015.aspx	https://www.durhamyorkwaste.ca/Assets/Documents/MonitoringPlansReports/AmbientAir/Reports/2015/Reports/AmbientAirReport_2015Q3.pdf
W 2	✓	Ambient Air Monitoring and Reporting Plan & Reports	CofA	7. (4) (c)	The Regions shall post the Ambient Air Monitoring and Reporting Plan and the results of the Ambient Air Monitoring program on the Owner's web site for the Facility in accordance with the requirements of the EA Approval and Condition 15.	Also required by EA Condition 11.9		
W 3	✓	Complaint Protocol	EA	7.4.c	Information on the Complaint Protocol required by Condition 6 of this Notice of Approval.	Complaint Protocol is also referenced in EA Conditions 6.2 and 6.3.		
W 4	✓	Complaint Protocol	EA	6.2	The Complaint Protocol shall be provided to the advisory committee for review prior to submission to the Director.	Required to be posted based on EA Condition 7.4.c, but otherwise does not specifically state that the plan must be posted the the website. Also referenced in EA Condition 6.3.	https://www.durhamyorkwaste.ca/Documents/FacilityManagementPlans/ComplaintInquiryLogs.aspx	https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/EFW_Complaint_Protocol.pdf
W 5	✓	Complaint Protocol	EA	6.3	The proponent shall submit the Complaint Protocol to the Director within one year from the date of approval or a minimum of 60 days prior to the start of construction, whichever is earlier.	Required to be posted based on EA Condition 7.4.c, but otherwise does not specifically state that the plan must be posted the the website. Also referenced in EA Condition 6.2.		
W 6	✓	Compliance Monitoring Program	EA	4.1	The proponent shall prepare and submit to the Director a Compliance Monitoring Program outlining how it will comply with conditions in the Notice of Approval and other commitments made in the environmental assessment.	Required to be posted based on EA Condition 7.4, but otherwise does not specifically state that the plan must be posted the the website	https://www.durhamyorkwaste.ca/Documents/FacilityManagementPlans/ComplianceMonitoring.aspx	https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/ComplianceMonitoring/Program/Compliance_Monitoring_Program.pdf
W 7	✓	Compliance Reports	EA	5.4	The proponent shall submit annual Compliance Reports until all conditions in this Notice of Approval and the commitments in the environmental assessment are satisfied.	Required to be posted based on EA Condition 7.4, but otherwise does not specifically state that the plan must be posted the the website. Compliance reports are also referenced in EA Condition 8.2.d	https://www.durhamyorkwaste.ca/Documents/FacilityManagementPlans/ComplianceMonitoring.aspx	https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/ComplianceMonitoring/AnnualReports/2015_Annual_Compliance_Monitoring_Report.pdf
W 8	✓	Compliance Reports	EA	8.2.d	Preparing an annual report about the advisory committee's activities to be submitted as part of the Compliance Reports required by Condition 5 of this Notice of Approval.	Required to be posted based on EA Condition 7.4, but otherwise does not specifically state that the plan must be posted the the website. Compliance reports are also referenced in EA Condition 5.4		
W 9	✓	Groundwater and Surface Water Monitoring Plan	CofA	16. (1) (g)	Groundwater and Surface Water Monitoring and Reporting Plan, prepared in accordance with the requirements of the EA Approval.	Also required by CofA Condition 7. (14) (c) and EA Condition 20.1.		
W 10	✓	Groundwater and Surface Water Monitoring Plan & Reports	EA	20.10.	Prior to the start of construction, the proponent shall identify any areas where the undertaking may affect groundwater or surface water. For those areas, the proponent shall prepare and implement, in consultation with the ministry's Central Region Office and to the satisfaction of the Regional Director, a Groundwater and Surface Water Monitoring Plan.	Also required by CofA Conditions 7. (14) (c) and 16. (1) (g).	https://www.durhamyorkwaste.ca/Documents/MonitoringPlansReports/GroundSurfaceWaterReports.aspx	https://www.durhamyorkwaste.ca/Assets/Documents/MonitoringPlansReports/GroundSurfaceWaterReports/Reports/Groundwater_Surface_Water_Monitoring_Plan.pdf
W 11	✓	Groundwater and Surface Water Monitoring Plan & Reports	CofA	7. (14) (c)	The Regions shall post the Groundwater and Surface Water Monitoring Plan and the results of the Groundwater and Surface Water Monitoring program on the Owner's web site for the Facility in accordance with the requirements of the EA Approval and Condition 15.	Also required by CofA Condition 16. (1) (g) and EA Condition 20.1.		
W 12	✓	Multiple	EA	7.4	The proponent shall give notice of and provide information about the undertaking to interested members of the public and Aboriginal communities through an internet web site and by other means. Such information shall include:	This condition requires posting of multiple documents (no specific documents listed as part of this condition).	https://www.durhamyorkwaste.ca/Home/Home.aspx	
W 13	✓	Multiple	EA	7.4.a	Activities that are part of the undertaking, including monitoring activities;	This condition requires posting of multiple document (no specific documents listed as part of this condition).	https://www.durhamyorkwaste.ca/Home/Home.aspx	
W 14	✓	Multiple	EA	7.4.b	Reports and records related to the undertaking that are required to be submitted under this Notice of Approval or under any other ministry approvals that apply to the undertaking; and,	This condition requires posting of multiple documents (no specific documents listed as part of this condition).	https://www.durhamyorkwaste.ca/Home/Home.aspx	
W 15	✓	Multiple	CofA	16. (1)	The Owner shall, at all times, maintain documentation that describes the current operations of the Facility. The Owner shall post the documentation at the website for the undertaking and during regular business hours, the Owner shall make the following documents available for inspection at the Site by any interested member of the public, upon submission to the Ministry for review:	This condition does not specifically state which documents shall be posted to website, but interpretation suggests the documents outlined in CofA Conditions 16. (1) (a)-(g). Note: EA Conditions 16. (1) (a)-(c) are not applicable to the construction phase.	https://www.durhamyorkwaste.ca/Home/Home.aspx	
W 16	✓	Noise Monitoring and Reporting Plan	EA	19.4	The proponent shall post the Noise Monitoring and Reporting Plan and on the proponent's web site for the undertaking following submission of the plan to the Director.	Also required by CofA Condition 16. (1) (f)	https://www.durhamyorkwaste.ca/Documents/MonitoringPlansReports/Noise.aspx	https://www.durhamyorkwaste.ca/Assets/Documents/MonitoringPlansReports/Noise/2015/Reports/2015_Acoustic_Audit_Report.pdf
W 17	✓	Noise Monitoring and Reporting Plan	CofA	16. (1) (f)	Noise Monitoring and Reporting Plan, prepared in accordance with the requirements of the EA Approval; and	Also required by EA Condition 19.4		

Item #	Confirmed	DOCUMENT REQUIRED	REFERENCE DOCUMENT	SPECIFIC CONDITION/SECTION	DETAILED CONDITION/SECTION	COMMENTS	Web Link	Web Link - to specific PDF
W 18	✓	Odour Management and Mitigation Plan	EA	18.2	The proponent shall submit the Odour Management and Mitigation Plan to the Regional Director a minimum of six months prior to the start of construction or at such other time as agreed to in writing by the Regional Director.	Required to be posted based on EA Condition 7.4, but otherwise does not specifically state that the plan must be posted the the website. Also required by CofA Condition 16. (1) (e).	https://www.durhamyorkwaste.ca/Documents/MonitoringPlansReports/Odour.aspx	https://www.durhamyorkwaste.ca/Assets/Documents/MonitoringPlansReports/Odour/Plan/Odour_Management_Mitigation_Plan.pdf
W 19	✓	Odour Management and Mitigation Plan	CofA	16. (1) (e)	Odour Management and Mitigation Plan, prepared in accordance with the requirements of the EA Approval;	Also required by EA Condition 18.2		
W 20	✓	Terms of Reference for the Advisory Committee (EFWAC)	EA	8.11	The proponent shall submit the advisory committee's Terms of Reference to the Director and Regional Director.	Required to be posted based on EA Condition 7.4, but otherwise does not specifically state that the plan must be posted the the website	http://durhamyorkwaste.ca/project/project_doc.htm	https://www.durhamyorkwaste.ca/Assets/Documents/PublicOutreach/EFWAC/EFWAC_TermsOfReference.pdf
W 21	✓	Waste Diversion Program Monitoring Plan & Annual Reports	EA	10.5	The proponent shall post the Waste Diversion Program Monitoring Plan and the annual reports required on the proponent's web site for the undertaking.	Waste Diversion Monitoring Plan	https://www.durhamyorkwaste.ca/Documents/FacilityManagementPlans/WasteDiversion.aspx	
W 22	✓	Waste Diversion Program Monitoring Plan & Annual Reports	EA	10.5	The proponent shall post the Waste Diversion Program Monitoring Plan and the annual reports required on the proponent's web site for the undertaking.	Durham Region Annual Report 2014	https://www.durhamyorkwaste.ca/Documents/FacilityManagementPlans/WasteDiversionReports/WasteDiversionReports2014.aspx	https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/WasteDiversion/Reports/2014/2014_Durham_Region_Waste_Diversion_Report.pdf
	Durham Region Annual Report 2013					https://www.durhamyorkwaste.ca/Documents/FacilityManagementPlans/WasteDiversionReports/WasteDiversionReports2013.aspx	https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/WasteDiversion/Reports/2013/2013_Durham_Region_Waste_Diversion_Report.pdf	
	Durham Region Annual Report 2012					https://www.durhamyorkwaste.ca/Documents/FacilityManagementPlans/WasteDiversionReports/WasteDiversionReports2012.aspx	https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/WasteDiversion/Reports/2012/2012_Durham_Region_Waste_Diversion_Report.pdf	
	Durham Region Annual Report 2011					http://durhamyorkwaste.ca/project/project_doc.htm	https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/WasteDiversion/Reports/2011/2011_Durham_Region_Waste_Diversion_Report.pdf	
	Durham Region Annual Report 2010					http://durhamyorkwaste.ca/project/project_doc.htm	https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/WasteDiversion/Reports/2010/2010_Durham_Region_Waste_Diversion_Report.pdf	
W 23	✓	Waste Diversion Program Monitoring Plan & Annual Reports	EA	10.5	The proponent shall post the Waste Diversion Program Monitoring Plan and the annual reports required on the proponent's web site for the undertaking.	York Region Annual Report 2014	https://www.durhamyorkwaste.ca/Documents/FacilityManagementPlans/WasteDiversionReports/WasteDiversionReports2014.aspx	https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/WasteDiversion/Reports/2014/2014_York_Region_Waste_Diversion_Report.pdf
	York Region Annual Report 2013					https://www.durhamyorkwaste.ca/Documents/FacilityManagementPlans/WasteDiversionReports/WasteDiversionReports2013.aspx	https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/WasteDiversion/Reports/2013/2013_York_Region_Waste_Diversion_Report.pdf	
	York Region Annual Report 2012					https://www.durhamyorkwaste.ca/Documents/FacilityManagementPlans/WasteDiversionReports/WasteDiversionReports2012.aspx	https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/WasteDiversion/Reports/2012/2012_York_Region_Waste_Diversion_Report.pdf	
	York Region Annual Report 2011					http://durhamyorkwaste.ca/project/project_doc.htm	https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/WasteDiversion/Reports/2011/2011_York_Region_Waste_Diversion_Report.pdf	
	York Region Annual Report 2010					http://durhamyorkwaste.ca/project/project_doc.htm	https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/WasteDiversion/Reports/2010/2010_York_Region_Waste_Diversion_Report.pdf	
W 24	✓	Continuous Air Emissions Monitoring	EA	12.8	The proponent shall post the reports of the air emissions monitoring systems on the proponent's web site for the undertaking	Emmissions data DYEC website	https://www.durhamyorkwaste.ca/EmissionsData/EmissionsData.aspx	https://www.durhamyorkwaste.ca/EmissionsData/EmissionsData.aspx#source
W25	✓	Odour Management and Mitigation Monitoring Reports	EA	18.6	The Proponent shall post the Odour Management and Mitigation Monitoring Reports on the proponent's web site for the undertaking following submission of the reports to the Regional Director.	Odour Test Report 2015	https://www.durhamyorkwaste.ca/Documents/MonitoringPlansReports/AirEmissionsMonitoringPlan.aspx	https://www.durhamyorkwaste.ca/Assets/Documents/MonitoringPlansReports/AirEmissionMonitoring/SourceTest/November_2015_Odour_Test_Report.pdf
W26	✓	Third Party Audits	CofA	16.1(d)	Third party audit in accordance to EA (d) the most current Third Party Audit Report;	2016 Third Party Audits	https://www.durhamyorkwaste.ca/Documents/FacilityManagementPlans/ThirdPartyAuditReports/ThirdPartyAuditReports2016.aspx	https://www.durhamyorkwaste.ca/Assets/Documents/FacilityManagement/ThirdPartyAudits/Reports/2016/March_2016_Construction_Phase_Acceptance_Audit_Report_5.pdf