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# March, 2014 – Audit Durham York Energy Centre

**Construction Phase Audit**  
EA file no. 04-EA-02-08

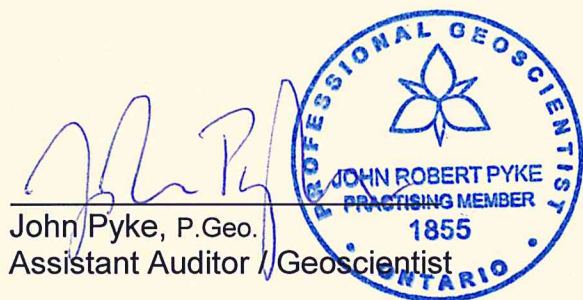
Prepared by:



Prepared for  
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Malroz File: 795-111.00  
April 11, 2014



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Distribution:  
1 copy + 1 pdf – Region of Durham  
1 copy – Malroz Engineering Inc.

## NOTICE TO READER

This report summarizes the results of an Audit of the Durham York Energy Center undertaken by *Malroz Engineering Inc.* on March 28, 2014.

*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. 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.

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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 MOE 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 incinerator will be located at 72 Osbourne Road 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 and report represent audit number 4 of 5. In a letter dated January 31, 2014 the Ministry of Environment approved the revised Audit Report #4 submission date from March 15, 2015 to April 14, 2014.

### **1.2 Report Overview**

Section 16 of the Notice of Approval to Proceed with the Undertaking dated October 21, 2010, from the Minister of the Environment, 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 Construction Phase Audit Plan was received on December 8, 2011. This audit represents the fourth of the construction phase audits, following completion of equipment installation. The purpose of the audit program is to confirm:

- compliance with applicable legislation,
- compliance with applicable approvals and permits such as the Certificate of Approval and site plan permit,
- conformance with EA commitments,
  - employment of controlled entrances and exits at the construction site to minimize the offsite tracking of mud,
  - temporary and permanent grassing in disturbed areas
  - dust control during dry periods,
  - possible implementation of an idling protocol as required,
  - adherence to an equipment maintenance program, and,
  - ambient air quality monitoring for particulate matter may be undertaken to monitor the effectiveness of the mitigation measures.
- records verifying visual sweep for species of concern, and,
- records demonstrating adherence to protocols for archaeological aspects.

Further, the purpose of the audit is to evaluate the areas of non-compliance or improvement identified in our September 2013, report to be addressed prior to the submission of the present audit.

This audit report covers the fourth audit site visit which was conducted on March 28, 2014. The audit summary checklist was updated based on the previous audit. The summary checklist shows the comments from the previous audit for evaluation of changes by each audit date. The summary checklist, with notes made by the auditors during the audit site visit, is attached in Appendix B for reference. The checklist was used to guide the site walkthrough, document review and personnel interviews.

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

## **2.0 Audit Activities & Attendance**

Malroz personnel arrived at the Durham York Energy Centre site on March 28, 2014, at approximately 8:30 am to conduct the site audit. Prior to entering the site, Malroz personnel conducted an initial drive around the perimeter of the site where possible. The audit personnel consisted of Steven Rose, P.Eng., P.Geo. (auditor) and John Pyke, P.Geo. (assistant auditor). Personnel from the owners (Durham & York Regions), constructor (Covanta), and contractor (Courtice Power Partners as represented by Kenaidan Contracting) were onsite to support the audit. A briefing was held, where Covanta personnel provided an update on the current construction program and changes since the September, 2013 audit. Personnel names, employer and contact information were collected on a sign in sheet (Appendix C).

## **3.0 Documents Review**

Prior to the walkthrough, a detailed review of the required onsite project documents was completed (see Appendix B for Summary Audit Checklist). Documents from the checklist were identified during the review as available or maintained onsite. As with the previous audit, project staff were readily able to source a document and show relevant supporting documentation when requested by the audit team.

The approvals identified documents 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 E). Documents required to be available on the project website were listed and accessible on the website at the time of the review.

Minutes of the Energy from Waste Advisory Committee (EFWAC) meetings up to meeting #9 on October 2, 2013 were available for review onsite during the audit. A

comment in the minutes from meeting #9 identified that the Air Emissions Monitoring Plan and Soil Monitoring Plan were not included in the web checklist Appendix E of Audit #3. On review of this comment, it is the opinion of the auditors that this comment is covered by: the Environmental Assessment Act, Section 9, Notice of Approval to Proceed with the Undertaking dated October 21, 2010, Section 7.4.b. For completeness, item W14 of the Appendix E checklist covers section 7.4.b of the Notice of Approval to Proceed. Both the Air Emissions Monitoring Plan and the Soil Monitoring Plan are noted as posted to the website.

The document review did not identify areas of non compliance.

#### **4.0 Site Walkthrough**

Site personnel provided a health and safety briefing and construction status overview prior to the site walkthrough. Photo documentation collected during the site walkthrough is attached (Appendix D). Notes collected during the walkthrough are provided in the audit summary checklist (Appendix B).

James Delaney of Covanta led the tour, which started at the trailers in the northeast corner of the construction site, and proceeded in a counter clockwise direction. The construction of the facility was well underway and reportedly on schedule. The site remained mostly barren of vegetation in areas of active construction. Graded areas along the western and southern portions of the site were reportedly hydro-seeded prior to winter with some sod laid down in drainage areas.

Weather conditions were rainy with some wind. A description of current construction activity was provided. In the parking lot area catch basins were noted to be fitted with silt curtain barriers. Site walkthrough observations identified the presence of windblown debris and general housekeeping needs in material lay down areas. Site personnel identified that a general cleanup of the temporary materials storage areas would take place as snow continues to melt around the site.

Masonry and roofing materials were identified to site personnel along the northern portion of the site and it was recommended that they be prioritised for cleanup. Documentation of the cleanup in photographs was provided prior to issuance of this report and is included with the site walkthrough photos (Appendix D).

Liquid fuels were noted to be stored north and west of the (future) waste tipping area. Site personnel reported that limited liquid fuels are stored onsite at the time of the audit visit. Site personnel also reported that refuelling is done by way of a mobile truck that attends the site on an as needed basis to refuel equipment. North of the tipping building, storage of a small quantity (approx 25L) of liquid fuels was noted in an

enclosure that was open to the environment (see photos). No staining or evidence of releases were noted in this area. Consideration should be given to providing storage that is protected from precipitation for all liquid fuels.

Personnel reported that the site was mostly at final grade and where possible around the site, hydroseeding was conducted prior to winter. Signs were observed through the walkthrough that identified hydroseeded locations.

Storm water management ponds in the southeast and southwest corners were reported to be manually pumped out on an as needed basis. Ongoing construction of the offsite storm water management infrastructure was observed.

Soil, erosion control and dust suppression measures were observed to continue to be implemented including the presence of rock check dams and silt curtains in catch basins. It was noted during the audit that the silt curtain outside the southeast corner of the site was in poor repair and had come down (see photos). Personnel were able to fix the silt curtain during the course of the audit and a photograph of the fixed silt curtain is also appended. Silt curtain and debris in a drainage ditch running parallel to the road south of the visitors' centre was observed to be in need of repair and documented. Photos of the conditions during the audit walkthrough and follow-up photos provided by site personnel prior to issuance of this audit report are included in Appendix D.

During the site walk though, general compliance with the approvals requirements was noted.

Areas to review and document identified at the previous audit in September, 2013 for review at the current audit included:

- *The September 2013 walkthrough did not identify areas requiring improvement.*

No action from the previous audit from the walkthrough was required.

## 5.0 Personnel Interviews

As with the previous audits personnel interviews were conducted during the course of the audit, 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. As with the previous three audits, the project team; including the owners' staff, constructor and contractor, appeared to continue to be working well together. The owners' site representative was unavailable for this audit. However, each team member appeared to be well informed of the site activities and kept each other up to date on an ongoing basis. This included regular weekly meetings.

The commencement of the audit included site construction staff providing an overview of construction activities since the previous audit and a description of current events. Since the previous audit, work was proceeding with the main equipment installed. The team reported that the project was generally on schedule and approximately 80-85% complete.

Work reported by site construction staff included items such as:

- Additional road paving,
- Site grading and hydroseeding,
- Installation of main equipment, and,
- Connection of the switching gear with hydro one.

Site staff reported minor spill occurrences to the auditors relating to hydraulic line breaks during construction activities. Site staff reported that the spill response plan was implemented. Documents were reviewed during the document review portion of the audit.

Site construction staff reported a visit and follow up visits in response to a complaint to the Ministry of Labour (MOL). The complaint reportedly related to indoor air quality from welding. Documentation presented during the audit identified that the matter was resolved and no orders were issued by MOL.

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.

The audit was completed at 1:30 pm.



## **6.0 Summary and Recommendations**

Section 16 of the Notice of Approval to Proceed with the Undertaking dated October 21, 2010, from the Minister of the Environment, mandates that third party audits be completed. This audit reports on conditions encountered during the fourth audit, following completion of equipment installation.

The audit comprised three parts; document review, site walkthrough, and interviews. The components of this audit were completed on March 28, 2014. Areas of non-compliance were not identified. Areas of improvement were identified.

The areas of improvement identified were:

- General housekeeping around the site following abatement of winter conditions,
- Storage of liquid fuels protected from precipitation,
- Repair to the silt curtain in the southeast corner of the site, and,
- General housekeeping and silt curtain repair to drainage ditch near visitors' centre.

Documentation showing that each of the three areas was improved prior to issuance of this audit report was provided by site personnel and is included in Appendix D.

In the opinion of the auditors, the project team continues to work well together in obtaining and maintaining compliance with approvals and authorizations of the Environmental Assessment and Certificate of Approval for the construction of this facility.

**Appendix A**  
**Figure 1 - Site Location**



Lake Ontario

approx. scale (m)  
0 500



### Energy Centre Site Location Plan

Construction Phase Audit  
Durham York Energy Centre  
Clarington, Ontario, Canada

Figure  
**1**  
File: 795-111.00  
created: BC 12/06/11  
modified: EG 14/03/31  
checked: JP 14/03/31

**Appendix B**  
**Audit Summary Checklist**

Appendix B  
Audit Summary Checklist

Item	Auditor Checklist		Documentation Required	Summary of Requirement	Auditor Comments June 14, 2012	Auditor Comments April 5, 2013	Auditor Comments September 6, 2013	Auditor Comments March 28, 2014
	Current Audit (Observed / Reviewed)	Previous Audit (Observed / Reviewed)						
1	√	√	ESDM	the ESDM Report	version 1.0 dated March 2011	version 1.0 dated March 2011 (no change from previous audit)	No change.	No change
2	√	√	Acoustic Assessment Report	the Acoustic Assessment Report;	rev. 1.0 dated March 2011	rev. 1.0 dated March 2011 (no change from previous audit)	No change.	No change
3	√	√	Certificate of Approval & Notices of Amendment & Schedule "A" documents	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.	application dated March 2011, CofA 7306-8FDKNX - June 28, 2011	application dated March 2011, CofA 7306-8FDKNX - June 28, 2011 (no change from previous audit)	No change.	No change
4	√	√	Emergency Contact Information - Names & Numbers	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	observed posted in site trailer	sign on gate, posted in CPP trailer, rev. 11 dated March 2013 in binder	Same as previous.	sign on gate, posted in CPP trailer rev.12 dated January 21, 2014
5	√	√	Written Description of Site Activities	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:	applies to operations - daily log kept by Covanta on construction activities	site activity log updated daily and kept in binders stored in CPP trailer	Same as previous.	Same as previous.
6	√	√	Soil Testing records	all records produced during the Soil Testing;	plan submitted which is tied to ambient air monitoring - testing not initiated - approval not received	Plan approved by MOE dated March 15, 2013, no records produced as of yet	Same as previous. August 2013 testing undertaken. No report yet.	November 20, 2013 Genivar testing report January 28, 2014 MOE response
7	√	√	Groundwater and Surface Water Monitoring records	all records produced during the Groundwater and Surface Water Monitoring required by this Certificate;	Groundwater records observed - SW testing not commenced yet	Groundwater and surface water monitoring records in binders	Same as previous. July groundwater and surface water sampling.	Surface water sampling undertaken by Golder Associates on behalf of CPP Goundwater results issued December 2013
8	√	√	Ambient Air Monitoring records	all records produced during the Ambient Air Monitoring required by this Certificate;	plan available dated May 8, 2012	Plan dated May 8, 2012 & Approval dated May 30, 2012	Same as previous. August 14, 2013 MOE letter re: equipment audit.	2013 - Q2/Q3 reports observed as well as the data.
9	√	√	Air Emissions Plan	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.		Observed submissions and revised submissions dated up to February 11, 2013. Awaiting MOE approval	MOE approval letter dated April 9, 2013. Marked received by Region of Durham April 19, 2013.	Same as previous.
10	√	√	Soil Testing Report	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 resu	plan awaiting MOE approval	see item 6	Testing started late August. Report not yet received.	see item 6.
11	√	√	Soil Testing Plan	This Plan be kept at the Site at all times and be available for inspection by a Provincial Officer upon request.	plan dated September 23, 2011	see item 6	see item 6.	see item 6.

Auditor Checklist			Documentation Required	Summary of Requirement	Auditor Comments June 14, 2012	Auditor Comments April 5, 2013	Auditor Comments September 6, 2013	Auditor Comments March 28, 2014
Item	Current Audit (Observed / Reviewed)	Previous Audit (Observed / Reviewed)						
12	✓	✓	Daily log book	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.	see item 5 - daily log kept on-site by Covanta	see item 5	see item 5.	see item 5.
13	X	X	Daily log book	The record of daily site inspections required to be maintained by Condition 14.3;	required during operations	(no change from previous audit)	(no change from previous audit).	(no change from previous audit).
14	X	X	Daily log book	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: (a) date of record and the name and signature of the person completing the report; (b) quantity and source of the incoming waste received at the site; (c) records of the estimated quantity of waste thermally treated in the boilers; (d) quantity of the unacceptable waste received at the site by the end of the approved waste receipt period and the type(s) of unacceptable waste received; (e) quantity and type of residual waste shipped from site, including any required outgoing residual waste characterization results; (f) destination and/or receiving site(s) for the residual waste	required during operations	see item 5	see item 5.	see item 5.
15	✓	✓	Annual Compliance Report	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.	Annual Compliance Report dated October 31, 2011	Submitted November 1, 2012, approved by MOE November 30, 2012	Annual 2011 Compliance Report dated October 31, 2011. 2012 report submitted Nov. 1, 2012. Approved November 30.	Annual 2013 Compliance Report, November 1, 2013. MOE confirmation of receipt of report November 13, 2013
16	✓	✓		Construction phase drainage will route stormwater from throughout the Site to a stormwater sedimentation pond and to the extent feasible, maintain existing drainage routes. Permanent SWM ponds may be constructed early to reduce need for sedimentation ponds.	Two ponds were observed, one in the SE corner, one in SW corner, out fall to CN swale, currently pump out ponds as needed	SE corner pond completed. Outfalls not connected yet. Manual pump out as required to CN swale.	In process of construction for permanent discharge. Visible in aerial photo (August 25).	Additional grading and implementation of drainage, hydro seeding of graded areas along the west and south. Temporary discharge in place at stormwater management pond.
17	✓	✓		Use of perimeter ditching and site grading as well as silt fencing around forested areas to isolate runoff.	rock check dams multiple barriers - carpeting after curtain	Some alignment changes to onsite ditches, rock check dams and silt curtain in place, site staff reported that additional seeding and erosion control to be put in place during growing season	Same as previous. Rock check dams in place in swales & ditching in place to channel surface run-off from the site towards established storm water ponds. Silt curtains in place with vegetation established along the perimeter of the site	Same as previous.
18	✓	✓		Use of setback transition use areas and erosion control fencing along watercourses.	silt curtain along perimeter fencing; other erosion control measures observed in constructed drainage swales	silt curtain along most of perimeter fencing, removed in areas of high ground where surface flow is onto site	Same as previous ,and above (item 17).	Same as previous ,and above (item 17).
19	✓	✓		ESC will be implemented during the construction phase to reduce potential soil loss and runoff velocities.	rock check dams in drainage swales; silt curtains and erosion prevention mats in place to maintain ESC	drainage feature along western side of the site includes rock check dams and has been realigned from previous audit	Same as previous, and above (item 17).	Same as previous ,and above (item 17).
20	✓	✓		During the construction phase, stormwater will be routed via conveyance swales and/or storm sewers draining catchbasins to a SWM pond in the southwest corner of the Site.	two ponds currently in use; connected by drainage swales, no catch basins	catch basins observed to have silt curtain barriers in place	Same as previous, and above (item 17).	Main swales in place along north/west and east property perimeters directing flow to SE and SW management ponds, respectively. Each pond has temporary direct discharge operated manually.
21	✓	✓		The pond will discharge to the CN Rail swale and stormwater will subsequently be conveyed to Tooley Creek.	little to no discharge, ponds pumped as needed temporary piped discharge outfall is in place at the outlet of the west storm water management pond	stormwater management ponds pumped manually as needed	Same as previous.	Implementation of offsite drainage plan observed and reported in progress for Energy Business Park.
22	✓	✓		In addition to the pond, lot level, and conveyance controls such as surface stabilization measures, sediment traps, and swales enhanced with rock check dams will also be employed.	most site exposed soils, rock check dams along north and west drainage courses	see items 17, 19 and 20	See items 17, 18, 19 and 20.	See items 17, 18, 19 and 20. Observed during site walk.
23	✓	✓		Grading plans will be designed to maintain existing drainage patterns which will ensure all captured stormwater will be routed through SWM features.	site grading in progress, storm water observed to be captured on site in two storm water management ponds	(no change from previous audit)	No change.	Final grading observed in most areas of site.
24	✓	✓		Dewatering and excavation pumping is expected in order to establish a sufficiently dry environment to construct the Facility foundations.	management of surface water accumulation observed in open excavations adjacent to exposed building foundation walls	no open excavations observed at the time of the audit	Same as previous.	Same as previous.

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25	√	√		A series of groundwater monitoring wells may be installed within the Site to assess the Facility's effects on both groundwater quantity and quality during construction to be determined at subsequent approvals stage.	wells completed above grade, good external condition, locked	MW4 top of pipe elevation reduced to accommodate site grading, external casings of wells appeared in good condition and locked	No changes observed to monitoring wells from previous site audit visit.	New well in centre of site near to waste tipping area. Replaced wells in southwest corner on account of construction.
26	√	√		Topsoil and subsoil salvage and storage.	3 piles, recently seeded western pile - stored onsite with excess to be reused by region	temporary stockpiles of soils, contractor reports that stockpiled excess soils to be removed from site when spring weight restrictions come off roads on May 1.	Temporary stockpiles observed in previous audit have been removed. Other temporary stockpiles are observed in different locations to accommodate ongoing construction activities. Long term stockpile immediately west of the main building has now been vegetated.	One remaining stockpile south of switch yard, to be used for final grading. Small temporary stockpile across from switchyard, to be removed from site after spring load restrictions on adjacent roadway.
27	√	√		Apply erosion and sedimentation control measures (also described in surface water).	see item 19	see items 17, 19, 20	See items 17, 18, 19 and 20.	See items 17, 18, 19 and 20.
28	X	X		Pile driving effects will be reduced through alternative technologies (e.g., vibratory pile driving), controls, and scheduling.	not using piles during construction, building construction using spread footings	(no change from previous audit)	(no change from previous audit)	(no change from previous audit)
29	√	√		Construction vehicle traffic is predicted to be acceptable against applicable criteria, but short-term (i.e., 1-hour) effects during peak demand are possible. These peaking issues will be reduced through scheduling and planning of vehicle trips.	- based on manpower resource impact to local roads assessed on a ongoing basis - 2 concrete trucks 2 support personnel vehicles and approximately 20 personal vehicles observed	Site staff continue to monitor daily vehicle traffic, no identified issues or concerns. Approximately 100 vehicles associated with the site at the time of the audit. A load restriction exemption was obtained for the north portion of Osborne Road. Truck traffic is routed on-site to the south of this point to reduce traffic impacts.	Same as previous.	Same as previous. No issues noted.
30	√	√	Monitoring Program	A monitoring program and contingency plan will be implemented to address any issues that may arise during the construction and post-closure periods of the Facility.	construction monitoring undertaken by - Kenaidan - EHS contents R16.docx - Post-closure-n/a	Updated March 27, 2013	Superceeded version marked VOID, removed from main document and kept in front cover of binder. Same plan as previous.	Revision 12 January 21, 2014, site specific environmental plan February 4, 2014. Emergency Response Plan Revision 2.
31	√	√		The Facility will be designed to current standards incorporating efficiencies and design enhancements that reduce sound emissions.	everything internal engineered design, acoustic RFP, EA appendix A of Technical requirements	Noise technical requirements section 4.4.14 Appendix 1 to project agreement	(no change from previous audit)	(no change from previous audit)
32	X	X		Where necessary, mitigation measures will be included to ensure applicable noise criteria are met at PORs as predicted.	relevant to operations	(no change from previous audit)	(no change from previous audit)	(no change from previous audit)
33	X	X		Mitigation measures may include the use of equipment control options such as enclosures, local or property-line barriers, mufflers and silencers, and acoustic baffles or insulation.	relevant to operations	(no change from previous audit)	(no change from previous audit)	(no change from previous audit)
34	√	√		Staging of construction activities.	phased construction plan supporting schedule & construction operations	Observed updated master project schedule. Covanta and CPP report ongoing adjustments to schedule based on progress and regular review of phased approach.	Same as previous. Regular updates on critical path activities.	Weekly project planning and scheduling meeting. Observed weekly schedule.
35	√	√		Timely removal of construction debris.	none off-site yet, recycling in place, waste management plan - procedure c5.3.1/p4-> CofA received for waste service providers - removed as needed - source separated recyclables and waste	Waste management plan on-site, observed waste management during walkthrough. Routine site cleanup to pick up debris, recycling program.	Expanded waste management. Kenadian provided a waste diversion summary.	Observed January 31, 2014 waste management reduction process report
36	√	√	Monitoring Program	A monitoring program and contingency plan will be implemented to address any issues that may arise during the construction of the Facility.	see item 30 refer to commitments	See item 30, construction monitoring plan, updated: March 27, 2013	(no change from previous audit)	(no change from previous audit)
37	√	√		Investment in architectural enhancements to the Facility.	see host community agreement - \$9 M - report to joint committee	documented in joint report to Council dated June 6, 2012	(no change from previous audit)	(no change from previous audit)
38	√	√	Wildlife Protocols	Protective protocols to avoid killing or harming wildlife during Project activities.	species at risk : milk snake - Golder Tech memo Nov. 16, 2011 - educating for habitat and steps - nesting birds - erosion control mat is designed not to entangle milk snakes	Training program with wildlife program as identified in previous audit is ongoing, logs observed.	Recent documentation of site observations August 30, 2013.	Recent documentation of site observations March 21, 2014, weekly site observations undertaken.
39	√	√	Wildlife Protocols	Wildlife corridor along the entire east-west length of the Facility's southern property line may be established to enhance wildlife movement.	corridor along south naturally vegetated and clear of construction activities	fenced corridors observed to be clear of construction activities	(no change from previous audit)	Converted to swale, will serve as wildlife corridor.
40	√	√		Native tree and shrub species will be planted and existing species allowed to grow without disturbance providing additional habitat.	Landscape plans L - L1/L2 Henry Kortekeas & Associates protected tree - reseeded of topsoil - new trees along south prop line	Landscape plan design change to southwest pond to protect norway spruce and sugar maple. Tree preservation plan L-TP1	In progress of initial implementation.	Landscape plan. All approved in progress with construction.

Auditor Checklist			Documentation Required	Summary of Requirement	Auditor Comments June 14, 2012	Auditor Comments April 5, 2013	Auditor Comments September 6, 2013	Auditor Comments March 28, 2014
Item	Current Audit (Observed / Reviewed)	Previous Audit (Observed / Reviewed)						
41	✓	✓	Pre-construction Bird Survey	Undertake a pre-construction survey to assess bird nesting activity prior to clearing and grubbing.	Golder - Nov 16, 2011- Completed October 21, 2011 Covanta pre - construction survey & log	(no change from previous audit)	(no change from previous audit)	(no change from previous audit)
42	✓	✓		Dust control during construction will be accomplished through a number of physical and operational methods such as construction exits, timely revegetation, watering, and staging of work.	Kenaidan - Procedure C5.3.4 Air Quality - Dust separate mud/rock rds, speed control - water trucks, turnover soil, increase moisture -raining during visit - ongoing discussion day to day, shutdown for dryness as needed	Rev.002 dated March 27, 2013	Observed wet roads. Site specific plan March 26, 2013 rev. 11.	Wet conditions on site, no dust issues. Site specific plan January 21, 2014 rev. 12 section C.5.3.4
43	✓	✓		Deeply buried archaeological resources could still exist and standard conditions regarding discovery of human remains and/or other cultural heritage values will apply.	site orientation program - site specific health and safety Environmental Plan - C5.3.21 - presentation wording not complete will be updated - Call Ministry of Culture, have phone # - updated plan received on June 7, 2012	Rev.002 dated March 27, 2013	(no change from previous audit)	Site Specific Plan Rev.003 dated February 4, 2014, no reported archeological encounters since last audit
44	✓	✓	Clarington Master Drainage Plan 2011	Road/pavement improvements to the South Service Road and Osborne Road to accommodate construction vehicles.	new resurface Osborne Rd - part of host community agreement master drainage plan overview plan Dwg 8 - staging plan/stage 2, 3 2 of 3 and 3 of 3 - overview provided	Clarington Energy Business Park, HDR drawing dated January, 2011	Observed AECOM and HDR drawings. Reported out for contract approval.	Observed AECOM plan for Clarington dated January, 2011.
45	✓	✓	Committee Documentation	Formation of a Thermal Treatment Facility Site Liaison Committee (SLC) for the construction period.	condition 8 - part of annual compliance report	2012 annual compliance report shows meeting minutes for meetings 4, 5 and 6 for Energy From Waste Advisory Committee (EFWAC)	Same as previous audit visit. Missing minutes for meeting 6, which are to be provided in annual report.	Minutes of meetings 1-9 (October 2, 2013)
46	✓	✓	Complaints Protocol	Development and implementation of a community complaints system for construction.	EAAB file EA - 08 - 02 2011.01.31/06.20 in place monthly complaint log - July 13, 2011 Ministry acceptance Amended 11/06/20 log	Monthly report to consolidate questions and complaints	Monthly reports through to June (issued July 26).	Protocol EAAB - EA-08-02 ammended submission 2011-06-20. Observed monthly reports through to November and December (issued January 21).
47	✓	✓		Employment of controlled entrances and exits at the construction site to minimize the offsite tracking of mud.	observed - gated - separate rock/mud road vehicles	Two entrances with security. Paved partial onsite roads to separate onsite and offsite traffic	Observations during site walk. 2 entrances.	Observed controlled entrances. Gate in northwest corner not being used.
48	✓	✓		Temporary and permanent grassing in disturbed areas.	sediment and erosion control ref: temporary seeding of stockpiles - no permanent grassing at time of audit	site staff identify that seeding of temporary stockpiles is scheduled for when weather permits	see item 26. vegetation cover in place on long term stockpiled soils; other areas are under active construction.	see item 26. Hydroseeding October 21, 2013 (south) and November 5, 2013 (west).
49	✓	✓		Dust control during dry periods.	see earlier comments - raining during visit not observed, procedures in place	measures to remove accumulated mud and dust from roads were observed, dust control and management policy in place with daily and weekly cleaning of on-site roadways, plus off-site roadways when needed	(no change from previous audit)	Wet conditions during site visit, no dust issues. See item 42.
50	✓	✓		Possible implementation of an idling protocol as required.	procedure C5.3.4 - see section 2 part of EHS plan by Courtice Power Partners	plan dated July, 2011 R1	(no change from previous audit)	Procedure C.5.3.4 - p. 4 of 6, plan dated July 18, 2011. (R1)
51	✓	✓	Maintenance Program	Adherence to an equipment maintenance program.	operations in project agreement for further development annual service plan section 36.8 of project agreement	Facility manager hired. Contract between Regions and Covanta	Chief Engineer hired (August 2013) Maintenance Supervisor (to be hired in September) ahead of operations.	Hired Maintenance Supervisor and Environmental Specialist. Ongoing hiring of other personnel.
52	✓	✓	Results of Ambient Air Monitoring	Ambient air quality monitoring for particulate matter will be undertaken to monitor the effectiveness of the mitigation measures.	plan submitted for approval - not approved yet, no results as intended for operations to initiate 12 months before receipt of waste operations	See item 8, monitoring locations approved	See item 8. MOE August 14, 2013	See item 8.
53	✓	✓	Environmental Training to Site Workers	Environmental protection awareness, spill prevention planning and contingency training will be implemented for all employees as necessary and appropriate.	- Courtice Power Partners EHS - site orientation level 1 orientation spill mgt C5.3.16 - S.F.5.2.4 site safety orientation check list	Rev. 11, March 26, 2013, site specific safety plan with environmental awareness and compliance training protocols	Rev. 11/March 26, 2013. (no change).	Rev. 12, January 21, 2014.
54	✓	✓	EA Compliance Monitoring Program	The Regions will prepare and submit to the Director of the EAAB of the Ontario MOE an EA Compliance Monitoring Program.	submitted, on project website October 2011 - see item 15	see item 15, 2012 report submitted	November 1, 2012 (same as previous).	See item 15.
55	✓	✓	ESDM, Acoustic Report, Annual Report, 3rd party audit	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	observed documents a, b and c. Check for third party audit at next audit	See items 1, 2, 15. June 2012 audit observed.	ESDM/Acoustic reports observed Observed April 2013 report.	See items 1, 2, 15 September 16, 2013 report observed. April 2013 report observed. June 2012 audit observed.
56	X	X	Updates to CofA	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.	no changes requested to date	(no change from previous audit)	(no change from previous audit)	(no change from previous audit)



Auditor Checklist			Documentation Required	Summary of Requirement	Auditor Comments June 14, 2012	Auditor Comments April 5, 2013	Auditor Comments September 6, 2013	Auditor Comments March 28, 2014
Item	Current Audit (Observed / Reviewed)	Previous Audit (Observed / Reviewed)						
57	X	X	Updates to CofA	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.	N/A as per item 56	(no change from previous audit)	(no change from previous audit)	(no change from previous audit)
58	✓	✓	CoA	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.	see item 3	see items 3 and 55	see items 3 and 55.	see items 3 and 55.
59	✓	✓		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.	chain link with barbed wire on top and locked/lockable gates	lockable controlled entrances, security trailer with sign in process and controlled access for both vehicles and pedestrians	Same as previous.	Same as previous.
60	✓	✓	Ambient Air Monitoring and Reporting Plan	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.	see item 8	See item 8, monitoring locations approved	Same as previous.	See item 8.
61	✓	✓	Soil Testing Plan	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.	awaiting approval - see items 6, 9, 11	see items 6, 10, 11	August 22 sampling event. No report available yet. See items 6, 10, 11.	Same as previous. See items 6, 10, 11.
62	✓	✓	GW and SW Monitoring Plan	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.	see item, 7	see item 7	See item 7.	See item 7.
63	✓	✓	Results of GW / SW monitoring	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.	see item 7	see item 7	See item 7.	See item 7.
64	✓	✓	Groundwater and Surface Water Monitoring Plan	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.	see item 7	see item 7	See item 7.	See item 7.
65	✓	✓	Odour Management and Mitigation Plan	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.	submitted/awaiting approval May 4, 2012 (joint regions) - submitted to MOE	Clairifications July 30, 2012 and submitted to MOE. Approved by the MOE Aug 21, 2012.	(no change from previous audit)	(no change from previous audit)
66	✓	✓		The Owner shall provide visual screening for the Site in accordance with the documentation included in the attached Schedule "A".	host community agreement - truck laneway screening along south - not yet constructed	Amended proposal to municipality to implement barrier with coniferous trees (vegetated screen).	(no change from previous audit)	(no change from previous audit)
67	✓	✓	Emergency Contact Information - Names & Numbers	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.	see item 4	see item 4	See item 4.	See item 4.
68	✓	✓	Soil Testing Plan	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.	see items 6, 10, 11, 61	see items 6, 10, 11, 61	See items 6, 10, 11, 61.	See items 6, 10, 11, 61.

Auditor Checklist			Documentation Required	Summary of Requirement	Auditor Comments June 14, 2012	Auditor Comments April 5, 2013	Auditor Comments September 6, 2013	Auditor Comments March 28, 2014
Item	Current Audit (Observed / Reviewed)	Previous Audit (Observed / Reviewed)						
69	√	√	Soil Testing Plan	This Plan be kept at the Site at all times and be available for inspection by a Provincial Officer upon request.	see items 6, 10, 11, 61	see items 6, 10, 11, 61	See items 6, 10, 11, 61	See items 6, 10, 11, 61
70	√	√	Soil Testing Records	all records produced during the Soil Testing;	not available awaiting plan approval	see item 6	Awaiting results for August 22 sampling.	see item 6.
71	√	√	Groundwater and Surface Water Monitoring records	all records produced during the Groundwater and Surface Water Monitoring required by this Certificate;	see item 7	see item 7	See item 7.	see item 7.
72	√	√	Air Monitoring Records	all records produced during the Ambient Air Monitoring required by this Certificate;	see item 8	see item 8	See item 8.	see item 8.
73	√	√		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	see item 55. Review at next audit.	see item 55	Same as previous. Observed audit 1 plus addendum, as well as audit 2.	see item 55.
74	√	√	ESDM	the ESDM Report	see item 1	see item 1 (no change from previous audit)	See item 1. (no change from previous audit)	See item 1. (no change from previous audit)
75	√	√	Acoustic Assessment Report	the Acoustic Assessment Report;	see item 2	see item 2 (no change from previous audit)	See item 2. (no change from previous audit)	See item 2. (no change from previous audit)
76	√	√	Annual Compliance Report	Annual Report	not applicable for 1 <sup>st</sup> audit	see item 15, 2012 report submitted	(no change from previous audit)	(no change from previous audit)
77	√	√	3rd Party Audit	Third Party Audit	not applicable for 1 <sup>st</sup> audit	see item 55, June 2012 audit report on file	Observed audit 1 plus addendum, as well as audit 2.	see item 55.
78	√	√	Soil Testing Results	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.	see item 10	see items 6 and 10	See items 6 and 10.	See items 6 and 10. MOE January 28, 2014 letter confirming receipt and timeline met.

Auditor Checklist			Documentation Required	Summary of Requirement	Auditor Comments June 14, 2012	Auditor Comments April 5, 2013	Auditor Comments September 6, 2013	Auditor Comments March 28, 2014
Item	Current Audit (Observed / Reviewed)	Previous Audit (Observed / Reviewed)						
79	X	X	Current Site Activity for Public Review	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; (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 the accordance with the requirements of the EA approval.	required during operations	(no change from previous audit)	(no change from previous audit)	(no change from previous audit)
80	X	X	ESDM	a current ESDM Report that demonstrates compliance with the Performance Limits for the Facility regarding all Compounds of Concern;	applicable during operations	(no change from previous audit)	(no change from previous audit)	See item 1 (no change from previous audit)
81	✓	✓	Acoustic Assessment Report	a current Acoustic Assessment Report that demonstrates compliance with the Performance Limits for the Facility regarding noise emissions;	observed on project website	see item 2 (no change from previous audit)	See item 2 (no change from previous audit)	See item 2 (no change from previous audit)
82	✓	✓	Annual Report	the most recent Annual Report;	observed on project website	see item 15 (no change from previous audit)	See item 15 (no change from previous audit)	See item 15 (no change from previous audit)
83	✓	✓	Odour Management and Mitigation Plan	Odour Management and Mitigation Plan, prepared in accordance with the requirements of the EA Approval;	observed on project website, see item 65	observed on project website, see item 65	Observed on project website, see item 65	Observed on project website, see item 65
84	✓	✓	Noise monitoring plan	Noise Monitoring and Reporting Plan, prepared in accordance with the requirements of the EA Approval; and	observed on project website	observed on project website	observed on project website	Observed Golder #10-1151-0343-NMRP submission 2011.09.15. Same as previous.
85	✓	✓	GW and SW Monitoring Plan	Groundwater and Surface Water Monitoring and Reporting Plan, prepared in accordance with the requirements of the EA Approval.	observed on project website, see items 7 & 62.	observed on project website, see items 7 & 62.	Observed on project website. See items 7 & 62.	Observed on project website. See items 7 & 62.
86	✓	✓	Advisory Committee Documentation	The Regions shall establish an Advisory Committee in accordance with the requirements set out in the EA Approval.	see item 45	See 45, In 2012 annual compliance report shows meeting minutes for meetings 4, 5 and 6 for Energy From Waste Advisory Committee (EFWAC)	meeting 6 (October 24, 2013) agenda observed, minutes to be included in 2013 report as finalised at meeting 7 (February 12, 2013)	see item 45
87	✓	✓	NOPC to MOL	Notice of Project Commencement filed with MOL	filed January 19, 2012 - posted by Courtice Power Partners	March 19, 2013 Ministry of Labour inspection. No actionable items reported by site staff	Ministry of Labour onsite July 19 to respond to complaint. Follow up on July 22. Project staff identified items noted in Ministry letter during site walkthrough. No further action indicated.	Observed posted in Covanta trailer and photographed.
88	✓	✓	HASP	Health and Safety Plan, including spills and upset conditions	Courtice Power Partners Environmental, Health & Safety EHS - posted by Courtice Power Partners	same as previous audit, revisions observed	Courtice Power Partners Environmental, Health and Safety Manual R16. March 21, 2012 and updates.	Observed posted in Covanta trailer and photographed.

Auditor Checklist			Documentation Required	Summary of Requirement	Auditor Comments June 14, 2012	Auditor Comments April 5, 2013	Auditor Comments September 6, 2013	Auditor Comments March 28, 2014
Item	Current Audit (Observed / Reviewed)	Previous Audit (Observed / Reviewed)						
89	√	√	Inspection Reports	Inspection Reports (municipal/provincial/federal)	1 site visit by MOE as part of regularly scheduled meeting, update mtgs - inspected by Durham Region Safety Consultant	Bi-monthly meetings at site with MOE, no actionable items reported by site staff	Same as previous. Last bi-monthly meeting on August 15, 2013. No concerns reported.	Binder of MOL investigations, most recent February 26, 2014. Indoor air goal and ventilation resolved without order.
90	√	√	MOE Letter Accepting Adjustmetn of Construction Audit #3 to September 6, 2013	Consent to change date of Audit #3	-	-	MOE letter dated August 12, 2013.	Same as preious.
91	√		MOE Letter Accepting Adjustment of Construction Audit #4 to April 14, 2014	Consent to change date of Audit #4	-	-		January 31, 2014 MOE letter confirming Audit #4 submission date of April 14, 2014
92	√		Natrual Heritage Report - Existing Conditions May, 2013. Environmental Management Plan, August 2013	Approval to remove Sugar Maple in Southwest corner of site for access	-	-		Observed reports and consultation with CLOCA.

**Appendix C**  
**Audit Sign in Sheet**

SRD PARTY AUDIT

2014.03.28

ATTENDEE SIGN IN

NAME / COMPANY

CONTACT

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**Appendix D**  
**Site Walkthrough Photos**



**Photo 1:** Project sign at northeast corner of site.



**Photo 2:** Sign at main entrance.



**Photo 3:** Showing controlled main entrance to site.

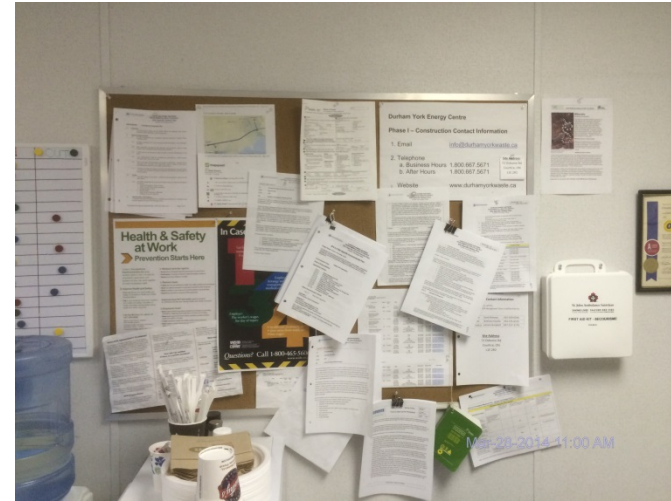


**Photo 4:** Exterior perimeter view of fencing and silt curtain

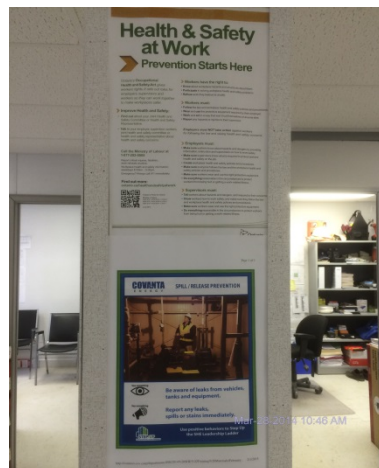




**Photo 5:** Exterior view of controlled entrance.



**Photo 6:** Posted NOPC, and health and safety information posted in CPP trailer.



**Photo 7:** Health and safety information posted in CPP trailer.



**Photo 8:** Panoramic view of site looking southeast from inside main entrance.



**Photo 9:** Stockpiled roofing materials north of tipping area.



**Photo 10:** Looking southwest at west portion of site.



**Photo 11:** Panoramic view along north of site showing construction materials laydown area.



**Photo 12:** Liquid fuel storage north of main building.



**Photo 13:** Looking north at garbage storage area.



**Photo 14:** Looking southeast at tipping area.



**Photo 15:** Liquid fuel storage west of main building.



**Photo 16:** Liquid fuel storage west of main building.



**Photo 17:** Looking south, across the south portion of the site, showing hydro-seeded graded areas.



**Photo 18:** Stormwater management pond at south west corner of site.



**Photo 19:** Looking northeast across site towards spruce tree and graded areas.



**Photo 20:** Looking north showing site grading.



**Photo 21:** Panoramic looking along south of the site.



**Photo 22:** Panoramic view looking north from the southeast corner of site.



**Photo 23:** Looking north showing status of site construction.



**Photo 24:** looking east at drainage to southeast corner stormwater management pond.



**Photo 25:** Looking south at southeast corner stormwater management pond.



**Photo 26:** Protective fencing around spruce tree.



**Photo 27:** Drainage ditch south of visitors centre with debris.



**Photo 28:** Silt curtain outside of southeast corner at commencement of audit



**Photo 29:** Silt curtain outside southeast corner fence at completion of audit.



**Photo 30:** Provided by Covanta – Northern portion of the site post cleanup following audit walkthrough.



**Photo 31:** Provided by Covanta – Drainage ditch south of visitors centre following audit walkthrough and post cleanup.



**Photo 32:** Provided by Covanta – Drainage ditch north of visitors centre, looking north post cleanup following audit.



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

**Appendix E**  
**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).	<a href="http://durhamyorkwaste.ca/project/projects/_doc.htm">http://durhamyorkwaste.ca/project/projects/_doc.htm</a>	<a href="http://durhamyorkwaste.ca/bdfs/project/ambient_aq_monitringPlan_Fab10_2012.pdf">http://durhamyorkwaste.ca/bdfs/project/ambient_aq_monitringPlan_Fab10_2012.pdf</a>
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 website. Also referenced in EA Condition 6.3	<a href="http://durhamyorkwaste.ca/project/projects/_doc.htm">http://durhamyorkwaste.ca/project/projects/_doc.htm</a>	<a href="http://durhamyorkwaste.ca/pdfs/project/complaint-DurhamYorkEFWComplaintProtocol.pdf">http://durhamyorkwaste.ca/pdfs/project/complaint-DurhamYorkEFWComplaintProtocol.pdf</a>
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 website.		
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 website	<a href="http://durhamyorkwaste.ca/project/projects/_doc.htm">http://durhamyorkwaste.ca/project/projects/_doc.htm</a>	<a href="http://durhamyorkwaste.ca/bdfs/project/compliance-monitoring2011.09.23_DYEC_DraftComplianceMonitoringProgram.pdf">http://durhamyorkwaste.ca/bdfs/project/compliance-monitoring2011.09.23_DYEC_DraftComplianceMonitoringProgram.pdf</a>
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 website. Compliance reports are also referenced in EA Condition 8.2.d	<a href="http://durhamyorkwaste.ca/project/projects/_doc.htm">http://durhamyorkwaste.ca/project/projects/_doc.htm</a>	<a href="http://durhamyorkwaste.ca/bdfs/project/AnnualComplianceReport2012.11.01_DYEC_2012%20Compliance%20Monitoring%20Report.pdf">http://durhamyorkwaste.ca/bdfs/project/AnnualComplianceReport2012.11.01_DYEC_2012%20Compliance%20Monitoring%20Report.pdf</a>
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 website. Compliance reports are also referenced in EA Condition 5.4	<a href="http://durhamyorkwaste.ca/project/projects/_doc.htm">http://durhamyorkwaste.ca/project/projects/_doc.htm</a>	
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).	<a href="http://durhamyorkwaste.ca/project/projects/_doc.htm">http://durhamyorkwaste.ca/project/projects/_doc.htm</a>	<a href="http://durhamyorkwaste.ca/bdfs/project/groundwater/2011.09.15_DYECGroundwaterandSurfaceWaterMP.pdf">http://durhamyorkwaste.ca/bdfs/project/groundwater/2011.09.15_DYECGroundwaterandSurfaceWaterMP.pdf</a>
W 11	✓	Groundwater and Surface Water Monitoring Plan & Reports	CoFA	7. (14) (g)	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 its 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).	<a href="http://durhamyorkwaste.ca/project/projects/_doc.htm">http://durhamyorkwaste.ca/project/projects/_doc.htm</a>	
W 13	✓	Multiple	EA	7.4.a	Activities that are part of the undertaking, including monitoring activities.	This condition requires posting of multiple documents (no specific documents listed as part of this condition).	<a href="http://durhamyorkwaste.ca/project/projects/_doc.htm">http://durhamyorkwaste.ca/project/projects/_doc.htm</a>	
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).	<a href="http://durhamyorkwaste.ca/project/projects/_doc.htm">http://durhamyorkwaste.ca/project/projects/_doc.htm</a>	
W 15	✓	Multiple	CoFA	16. (1)	The Owner shall, at all times, maintain documentation that describes its 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.	<a href="http://durhamyorkwaste.ca/project/projects/_doc.htm">http://durhamyorkwaste.ca/project/projects/_doc.htm</a>	
W 16	✓	Noise Monitoring and Reporting Plan	EA	19.4	The proponent shall post the Noise Monitoring and Reporting Plan and the proponent's web site for the undertaking following submission of the plan to the Director.	Also required by CoFA Condition 16. (1) (f)	<a href="http://durhamyorkwaste.ca/project/projects/_doc.htm">http://durhamyorkwaste.ca/project/projects/_doc.htm</a>	<a href="http://durhamyorkwaste.ca/bdfs/project/noise2011.09.15_DYECNoiseMP.pdf">http://durhamyorkwaste.ca/bdfs/project/noise2011.09.15_DYECNoiseMP.pdf</a>
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		
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 website. Also required by CoFA Condition 16. (1) (a)	<a href="http://durhamyorkwaste.ca/project/projects/_doc.htm">http://durhamyorkwaste.ca/project/projects/_doc.htm</a>	<a href="http://durhamyorkwaste.ca/bdfs/project/odour/2011.08.31_DYECOdourMgmtMitigationPlan_Aug2011.pdf">http://durhamyorkwaste.ca/bdfs/project/odour/2011.08.31_DYECOdourMgmtMitigationPlan_Aug2011.pdf</a>
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 (EPWAC)	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 website	<a href="http://durhamyorkwaste.ca/project/projects/_doc.htm">http://durhamyorkwaste.ca/project/projects/_doc.htm</a>	<a href="http://durhamyorkwaste.ca/pdfs/project/EPWMACTermsofReference.pdf">http://durhamyorkwaste.ca/pdfs/project/EPWMACTermsofReference.pdf</a>
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	<a href="http://durhamyorkwaste.ca/project/projects/_doc.htm">http://durhamyorkwaste.ca/project/projects/_doc.htm</a>	<a href="http://durhamyorkwaste.ca/pdfs/project/waste_diversion/2011.10.21_MOE_DurhamRegionWasteDiversionSubmission.pdf">http://durhamyorkwaste.ca/pdfs/project/waste_diversion/2011.10.21_MOE_DurhamRegionWasteDiversionSubmission.pdf</a>
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 2011	<a href="http://durhamyorkwaste.ca/project/projects/_doc.htm">http://durhamyorkwaste.ca/project/projects/_doc.htm</a>	<a href="http://durhamyorkwaste.ca/pdfs/project/waste_diversion/2012.11.01_Durham_WMS2011AnnualReport.pdf">http://durhamyorkwaste.ca/pdfs/project/waste_diversion/2012.11.01_Durham_WMS2011AnnualReport.pdf</a>
						Durham Region Annual Report 2010	<a href="http://durhamyorkwaste.ca/project/projects/_doc.htm">http://durhamyorkwaste.ca/project/projects/_doc.htm</a>	<a href="http://durhamyorkwaste.ca/pdfs/project/waste_diversion/2013.10.31_DurhamRegion_2012WasteDiversion_Report.pdf">http://durhamyorkwaste.ca/pdfs/project/waste_diversion/2013.10.31_DurhamRegion_2012WasteDiversion_Report.pdf</a>
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 2011	<a href="http://durhamyorkwaste.ca/project/projects/_doc.htm">http://durhamyorkwaste.ca/project/projects/_doc.htm</a>	<a href="http://durhamyorkwaste.ca/pdfs/project/waste_diversion/2012.11.01_REVISED_York_WMS2011AnnualReport.pdf">http://durhamyorkwaste.ca/pdfs/project/waste_diversion/2012.11.01_REVISED_York_WMS2011AnnualReport.pdf</a>
						York Region Annual Report 2010	<a href="http://durhamyorkwaste.ca/project/projects/_doc.htm">http://durhamyorkwaste.ca/project/projects/_doc.htm</a>	<a href="http://durhamyorkwaste.ca/pdfs/project/waste_diversion/2013.10.30_YorkRegionWasteDiversion_Report2012.pdf">http://durhamyorkwaste.ca/pdfs/project/waste_diversion/2013.10.30_YorkRegionWasteDiversion_Report2012.pdf</a>