# Environmental Compliance Approval Application

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### General Information and Instructions

#### **General Information:**

Information requested in this form is collected under the authority of the Environmental Protection Act (EPA), Ontario Water Resources Act (OWRA) and Environmental Bill of Rights (EBR), and will be used to evaluate applications for Environmental Compliance Approvals (ECAs) issued under Part II.1 of the EPA. This application form should not be used for *mobile PCB destruction facilities* and *land application sites of septage and biosolids*.

For all questions related to preparing or submitting this form or about the Ministry's collection of information related to applying for an ECA, contact:

### **Environmental Approvals Access** and Service Integration Branch

2 St. Clair Ave. West, Floor 12A, Toronto, Ontario M4V 1L5. Telephone outside Toronto 1-800-461-6290 or in Toronto 416-314-8001.

This office can also provide you with copies of application forms and supporting documentation.

#### Instructions:

- Applicants are responsible for ensuring that they complete the most recent application form.
   Application forms and information about the required supporting documentation and technical requirements are available from the Environmental Approvals Access and Service Integration
   Branch (the address and phone number are provided in the General Information on this page). As well, you can get this information from your local District Office of the Ministry of the Environment, and on the Resources section of the Ministry of the Environment website at: <a href="https://www.ene.gov.on.ca/environment/en/resources/index.htm">www.ene.gov.on.ca/environment/en/resources/index.htm</a>.
- 2. A complete application consists of:
  - a completed and signed application form;
  - all required supporting documents and technical requirements identified in:
  - i. this form.
  - ii. Ministry quidance,
  - iii. the Applications for Environmental Compliance Approvals regulation, and
  - payment of the application fee (in Canadian funds) by certified cheque or money order made payable to the Minister of Finance, or credit card payment (for payments up to \$10,000). For *Transfer of Review*, make your cheque or money order payable to the appropriate municipality.

The Ministry may return incomplete applications to the applicant. The Director may require additional information of any application initially accepted as complete.

- 3. Submit the complete application as follows:
  - One (1) paper copy (unless your application is a
     *Transfer of Review*), one (1) electronic copy and
     the fee to the **Director**, **Environmental Approvals Access and Service Integration Branch** at the
     address provided in the General Information on
     this page.
  - If your application is a *Transfer of Review*, you must submit two (2) copies of the completed application and the fee to the designated municipal authority.
- 4. You must also send a copy of the application without the fee to the local Ministry District Office that has jurisdiction over the area where the facilities are located. DO NOT send payment to the District Office.
  - To locate the appropriate local Ministry District
    Office, visit the Ministry of the Environment website
    at: www.ene.gov.on.ca/environment/en/about/
    regional\_district\_offices/index.htm.
- 5. For Waste Disposal Sites you must also send a copy of the application without the fee to the Clerk's office of the local municipality (both upper and lower tier) in which the facility/proposed facility Is located unless the application is for a revocation or an amendment that is environmentally insignificant or the applicant is a

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municipality. DO NOT send any payment information to the municipality.

Information collected by the Ministry of the Environment is subject to the Freedom of Information and Protection of Privacy Act (FIPPA). If you are of the view that any part of application is confidential on the grounds that such information constitutes a trade secret or scientific, technical, commercial, financial or labour relations information, please make this known now. Otherwise, the Ministry may make the information available to the public without further notice to you.

It is an offence under the EPA and OWRA to provide false or misleading information in this application and/ or accompanying documents.

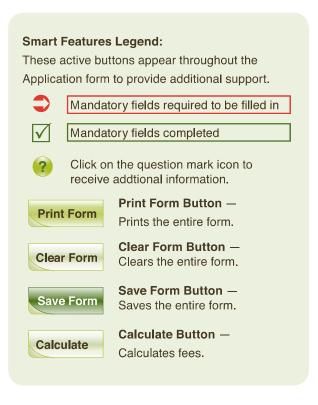
#### The Electronic Form Smart Features

The electronic version of this form incorporates several features to assist you with completing your application.

The electronic form will highlight required information with red and green indicators. Red means that the information is required before the section is complete.

The form will also calculate certain values based on the information you enter and will assist you in ensuring that all required information is included with your application. You can save a copy of this form that includes any information you have entered.

These features are available in Adobe Reader version 8 or above. You can download a copy from the website at: http://get.adobe.com/reader/otherversions/.



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Ministry of the Environment

Public Information Centre:

Telephone: 416-325-4000 Toll-free: 1-800-565-4923

E-mail: picemail.moe@ontario.ca www.Ontario.ca/Environment

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For Office Use Only				
Reference Number	Payment Received \$	Date (yyyy/mm/dd)	Initials	

#### **Application Summary**

✓ Applicant Name



Waste Management of Canada Corporation

✓ Project Name



West Carleton Environmental Centre

▼ Project Description Executive Summary



The application for ECA amendment reflects the expansion of the applicant's West Carleton Environmental Centre (WCEC) facility located at 2301 Carp Road, Ottawa, Ontario. The landfill expansion project has underwent a comprehensive Environmental Impact Assessment and was granted a Notice of Approval for the project. A copy of the notice of approval is attached. The purpose of the application for amendment is to include the new and/or modified operations and sources associated with the proposed landfill expansion. In addition, the amendment application is requested to consolidate the existing three (3) Environmental Compliance Approvals (ECAs) for Air into one document. The following is a list of ECAs to be consolidated:

- 1) 4117-8EHQE7;
- 2) 7025-7F4PN5; and
- 3) 7816-7CPJMR

This application is being submitted to achieve compliance of Waste Management of Canada Corporation's (WM) operations with the requirements of Section 9 of the Environmental Protection Act (EPA), R.S.O. 1990.

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#### Required Information (?)



	completed (yes of fis)
Project Name & Description	Yes
Section 1: Applicant Information	Yes
Section 2: Project Information	Yes
Section 3: Regulatory Requirements	Yes
Section 4: Site Information	Yes
Section 5: Facility Information	Yes
Section 6: Supporting Documentation	Yes
Section 7: Payment Information	Yes
Application Status Form Complete	

Fee Summary: (?)				
Administrative Processing	\$	200.00		
Review of EPA s. 9 activities	\$	7,900.00		
Review of EPA s. 27 activities	\$	0.00		
Review of OWRA s. 53 activities	\$	0.00		

8,100.00

Calculate

**Total Fee** 

Application Status Form Complete

The Ministry may request additional fees upon review of this application.

If you are submitting this form in print version only and are not using the smart calculation feature, please attach the fee calculation separately.

Completed (yes or no)

#### **Supplemental Application Information**

See help text on required information for this section.



Under the North American Industry Classification Scheme (NAICS) the facility is classified as 532210 (Waste Disposal Site). WCEC is not a Schedule 5 facility and but has demonstrated compliance with Schedule 3 standards and advanced air dispersion modelling (AERMOD) and as such have completed a Speed-up Request Form under s.20(4).

This amendment does not change any equipment that would be registered under O.Reg.346/12 (EASR).

Hard copies and electronic copies have been submitted to the Director, Environmental Approvals Access and Service Integration Branch and the local Ministry District Office (Ottawa).

### Applicant Information

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1.1 Applicant In Applicant Name (legal name	e of individual or organiza	ation as evidenced by legal d	ocuments)	Business Nu	mber			
Waste Management of	Canada Corporation	า		876294844	!			
Business Name X same				Business We	ebsite Address:			
Waste Management of	Canada Corporation	า						
Applicant Type:				Primary Nort	h American Industry Cla	assificati	on System (NAICS	) Code
Corporation	Federal Governmen	t		562210				
O Individual	Municipal Governme	ent		Other NAICS	codes (select all that app	oly)	Separate list att	ached? O Yes O No
O Partnership	Provincial Governme	ent						
Sole Proprietor	Other (describe):							
Business Activity Descript	ion							
Collection, treatment a	nd disposal of non-h	azardous solid wastes.	•					
Civic Address – Street Info 2301 Carp Road, Otta Survey Address	*	number, name, type and dire	ection)		Unit Identifier (suite	or unit n	umber)	
Lot	Concession			Part	I	Referenc	e Plan	
Municipality/Unorganized	Township or Territory U	• •	rovince/Sta	ate	Country			de/ZIP Code
City of Ottawa			Ontario		Canada		K0A 1L	0
	Telephone Number (include area code & ext.)  Fax Number (include area code) Mot		Mobile Number (inc	<u> </u>				
613-831-3565					<u> </u>			
013-031-3303	ext.	613-831-8928		519-381-6363	,		rcleland@wm.co	m
013-031-3303	ext.	613-831-8928					rcleland@wm.cc	m
013-031-3303	ext.	[613-831-8928	Geo R	519-381-6363 eference (required)	?		rcleland@wm.cc	m
Description of location	ext.  Map Datum	Zone					rcleland@wm.cc	M UTM Northing
			Acc	eference (required)	Geo-Referencing			

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Santa 2 Santification	CARLES AND LONG TO





Postal Code/ZIP Code
KOA 1L0
Aller according to the control of th
d the complete application and I have made all inquiries that are necessary
certain technical material, and act on behalf of the applicant to discuss this this application to the Ministry on request.
ete and accurate.
ne and accurate.
Title
Director of Disposal Operations
ea code) Mobile Number (include area code)
The state of the s
519-381-6363
t

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$\checkmark$	2.1	Reason for Application (?)			
	New		<ul> <li>Amendment to existing ECA</li> <li>Application for renewal of limited operational flexibility</li> </ul>	<ul><li>Revocation of existing ECA</li><li>Consolidation of existing ECAs</li></ul>	
$\checkmark$			a new municipal waste category/class code to your waste ma		No
	Is this fo	or Transfer of Review? 🔘 Yes 🌘 No			
$\checkmark$	2.2	Project Type (select all that apply)	?		

Yes	N/A		Limited Operational Flexibility?	Pilot Project?
<b>(</b>	0	Air – Stationary		
0	<b>O</b>	Air – Mobile		
<b>O</b>	0	Noise		
0	<b>©</b>	Vibration		
0	<b>©</b>	Waste Disposal Site – Landfill site	N/A	
0	<b>©</b>	Waste Disposal Site – Transfer site		
0	<b>(a)</b>	Waste Disposal Site – Processing site		
0	<b>©</b>	Waste Disposal Site – Composting site	N/A	
0	<b>©</b>	Waste Disposal Site – Thermal Treatment site	N/A	

Yes	N/A		Limited Operational Flexibility?	Pilot Project?
0	<b>(</b>	Sewage – Industrial		
0	<b>(</b>	Sewage – Municipal		
0	<b>(</b>	Sewage – Private		
0	<b>(a)</b>	Waste Management System – General Waste Management System	N/A	
0	<b>©</b>	Waste Management System - Hauled Sewage (Septage)	N/A	
0	<b>©</b>	Waste Management System – Soil Conditioner for transport to a site for Application on Land	N/A	
0	<b>(a)</b>	Waste Management System – Mobile Waste Processing	N/A	
0	<b>(a)</b>	Cleanup of contaminated sites – Mobile	N/A	
0	<b>(a)</b>	Cleanup of contaminated sites – Sitespecific	N/A	

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			<b>Print Form</b>	Cl	ear Form	Save Form
2.3 Approval Information ?						
Application initiated by:						
Applicant S. 20.18 Order (attach copy)		rovincial Officer Order (attach copy)	Inspection Report (attach copy)	(C)	Other (specify	):
Current Environmental Compliance Approval Separate list attached? Yes No	s that may be changed or amended by th	his application:	□ N/A			
Environmental Compliance Approval Number	Date of Issuance (yyyy/mm/dd)	Environmenta	l Compliance Approval N	umber	Date of Is	ssuance (yyyy/mm/dd)
4117-8EHQE7	2012/02/16					
7025-7F4PN5	2008/10/01					
7816-7CPJMR	2012/03/05					
Proposed Environmental Compliance Approv Separate list attached?  Yes No	als related to this project: ☐ N/A					
Project type	Ministry Reference Number (if applicable	ile)		Have s	ubmitted	Have not submitted
				(	)	0
				(	C	0
				(	C	0
				(	С	0
2.4 Other Approval/Permits for	Facility 🔲 N/A 😯					

Separate list attached?	O Yes	No
List all other instruments	(approvals	or permits) issued by the Ministry of the Environment or applied for under the Environmental Protection Act, Environmental Assessment Act,
Ontario Water Resources	s Act and S	afe Drinking Water Act, 2002 and any Environmental Activity and Sector Registrations that are relevant to this application.

Instrument Type	Instrument Number	Approval or Application Date (yyyy/mm/dd)
ECA-Waste	A461009	1992/02/10
PTTW	8737-7FZNB4	2008/07/14

Instrument Type	Instrument Number	Approval or Application Date (yyyy/mm/dd)

**√** 2.5

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<del></del>	Print Form	Clear Form
2.5 Technical Contacts ?	- N - N	
Technical Contact 1		
Area of Responsibility (check all that apply) 🛛 Air 🖾 Noise/Vibration 🗀 Sewage	☐ Waste	
Name of Technical Contact	Company	
Brad Bergeron	RWDI AIR Inc.	
Telephone Number (include area code & ext.)  Mobile Number (include area code)	Fax Number (include area code)	E-mail Address
519-823-1311 ext. 2428	519-823-1316	brad.bergeron@rwdi.com
Address Information:		
Same as Applicant Mailing Address?    Yes    No (If no, please provide technical con	stact address information below.)	
Civic Address - Street Information (includes street number, name, type and direction)	Unit Ider	ntifier (suite or unit number)
650 Woodlawn Road West		
Delivery Designator Delivery Identifier	Postal Station	
Municipality/Unorganized Township or Territory Province/State	Country	Postal Code/ZIP Code
Guelph Ontario	Canada	N1K 1B8

I have been authorized by the applicant to prepare the technical materials for the area(s) of responsibility identified above that are included in the application. I have reviewed those technical materials and I have made all inquiries that are necessary to declare to the best of my knowledge, information and belief:

- The technical materials contained in this application in respect of the area(s) of responsibility identified above are complete and accurate.
- I have the relevant education and experience necessary to provide this certification.

Signature	Date (yyyy/mm/dd)
front of	2014/08/20

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Technical Contact 2	?						
Area of Responsibility (check all that appl	y) 🔲 Air 🗀	Noise/Vibration	vage 🗌 Waste				
Name of Technical Contact			Company				
Telephone Number (include area code & e	ext.) Mobile Nun	nber (include area code)	Fax Number (includ	e area code)	E-mail /	Address	
ext.							
Address Information: Same as Applicant Mailing Address? Civic Address – Street Information (included)		O (If no, please provide technic name, type and direction)	al contact address information		nit Identifier (su	uite or unit number)	
Delivery Designator	Delivery Ide	entifier	Postal Statio	on			
Municipality/Unorganized Township or 1	erritory Pr	ovince/State	Country		Postal (	Code/ZIP Code	
			Canada				
I have been authorized by the applicant technical materials and I have made all  The technical materials contain  I have the relevant education a	inquiries that are ned in this applica	necessary to declare to the ation in respect of the area(	best of my knowledge, in s) of responsibility identifie	formation and beli	ef:		viewed those
Signature				D	ate (vvvv/mm/dd	1)	

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Technical Contact 3		
Area of Responsibility (check all that apply)	☐ Waste	
Name of Technical Contact	Company	
Telephone Number (include area code & ext.) Mobile Number (include area code)	Fax Number (include area code)	E-mail Address
ext.		
Address Information:		
Same as Applicant Mailing Address? O Yes No (If no, please provide technical cont	act address information below.)	
Civic Address - Street Information (includes street number, name, type and direction)	Unit	Identifier (suite or unit number)
Delivery Designator Delivery Identifier	Postal Station	
Municipality/Unorganized Township or Territory Province/State	Country	Postal Code/ZIP Code
	Canada	
I have been authorized by the applicant to prepare the technical materials for the area(s) technical materials and I have made all inquiries that are necessary to declare to the best	•	ncluded in the application. I have reviewed those
The technical materials contained in this application in respect of the area(s) of respect to the area.	esponsibility identified above are complete	and accurate.
I have the relevant education and experience necessary to provide this certification.	on.	
Signature	Date	(yyyy/mm/dd)

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Technical Contact 4						
Area of Responsibility (check all that apply)	☐ Waste					
Name of Technical Contact	Company					
Telephone Number (include area code & ext.) Mobile Number (include area code)	Fax Number (include area code) E-mail Address					
ext.						
Address Information:						
Same as Applicant Mailing Address?	act address information below.)					
Civic Address - Street Information (includes street number, name, type and direction)	Unit Identifier (suite or uni	t number)				
Delivery Designator Delivery Identifier	Postal Station					
Municipality/Unorganized Township or Territory Province/State	Country Postal Code/ZII	P Code				
	Canada					
I have been authorized by the applicant to prepare the technical materials for the area(s) of responsibility identified above that are included in the application. I have reviewed those technical materials and I have made all inquiries that are necessary to declare to the best of my knowledge, information and belief:						
<ul> <li>The technical materials contained in this application in respect of the area(s) of r</li> </ul>	esponsibility identified above are complete and accurate.					
<ul> <li>I have the relevant education and experience necessary to provide this certification</li> </ul>	on.					
Signature	Date (yyyy/mm/dd)					

Regulatory Requiremen

**√** 3.1

3.2

Was the undertaking subject of an objection(s)?

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						Print Form	Clear Form	Save Form
3.1	Environment	tal Bill of Rights (EE	R) Requirements	s ?				
Is this	a proposal for a pr	escribed instrument unde	r the EBR?   Yes	O No				
-		empted from the EBR requ		O No				
If yes, p		the following (Please provide	, ,					
Q	• •	been considered in a subst		ss of public particip	ation. (EBR, 1993	3, s.30.)		
O		or an emergency situation. (I	•					
O		or an amendment to or revoc						s. 22 (3).)
<b>O</b>	) This proposal has	been subject to or exempte	d from EAA Requiremer	nts or considered in	a decision of a tri	bunal. (EBR, 1993,	s. 32.)	
3.2	Environment	tal Assessment Act	(EAA) Requireme	ents ?				
	proposed undertak please check one of	ing subject to the requirer the following:	nents of the EAA? (	Yes No				
, (C)		as fulfilled the requirements	of the EAA through an	exemption provided	under:			
	○ Section		, and the second	ntario Regulation No				or
	O Declaration/E	xemption Order Number						
	If Regulation, D	eclaration Order or Exemption	Order does not refer directl	y to this undertaking,	please provide supp	orting documentation	to explain why it applies to this	facility.
6	The proposed und	lertaking has fulfilled the rec	uirements of the EAA th	rough the completion	on of a Class EA p	process:		
	Name of Class EA	ι:						
		Category (if applicable):						
	If applicable, please	submit a copy of the proof of co	ompletion (for example, Not	tice of Completion).				
_		rtaking subject of a Part II C		•	es, please submi	t a copy of the Direc	tor's or Minister's decision I	etter.
O	• •	lertaking has fulfilled all of th	·	<u>-</u>				
	`	an Environmental Screenin	•	•				
	·	an Environmental Screenin		•				
		ing subject of an elevation re nade of the Director's decisi			-	y of the Director's d	ecision letter.	
	☐ completion of	an Environmental Screenin	g Process pursuant to C	). Reg. 231/08 of th	e EAA			

If yes, please submit a copy of the Minister's decision letter.

The proposed undertaking has fulfilled the requirements of the EAA through the completion of an individual Environmental Assessment. Please submit a copy of the signed Notice of Approval.

O No

O Yes

## Regulatory Requirements

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	3.3	Consultation/Notification
-	0.0	Odiloaltation//itotilloation



Are there any consultation/notification activities that you have undertaken to fulfill requirements by other legislation or through voluntary efforts?







If yes, please:

- 1) describe the consultation/notification activities below; and
- 2) attach documents describing each of these consultation/notification activities, any changes to the project as a result of these activities and any planned consultation/notification activities in the future.

EA process consultation as recorded in Reference 6 of the Development & Operations (D&O) Report.

Complete Zoning Bylaw Amendment Submission to the City of Ottawa - Reference 8 of the D&O. The review process included two (2) public meetings.

Issuance and posting of Draft D&O Report, May 2014 on WM website for 30 days starting May 15, 2014. This was followed by two (2) public open houses on June 4 and June 26, 2014. Public consultation activities are described in the "Record of Consultation" report prepared by AECOM Canada Inc., dated July 2014.

### Site Information

or main entrance

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4.1 Site Address o	r Storage Locatio	n ?							
Will the vehicles or equipme (If yes, please enter all ve	ent be stored at more th	nan one location?			cessary)				
Same as Applicant Physical A		=	illaon oopa	rato not, ao not	0000ai <b>y.</b> )				
• • • • • • • • • • • • • • • • • • • •									
Primary Civic Address – Str	eet Information (includes s	treet number, name, type ar	nd direction)	Unit Identifier	(suite or unit n	umber)			
2301 Carp Road, Ottawa									
Additional Civic Addresses	Separate list attached?	Yes No		Unit Identifier	(suite or unit r	number)			
Primary Survey Address									
Lot	Concess	ion		Part			Reference Pla	an	
Additional Survey Addresses									
Lot	Concess	ion		Part			Reference Pla	an	
							_		
							_		
							_		
				<u>                                   </u>			_		
Municipality/Unorganized Tow	nship or Territory	Upper Tier/District		Province/Stat	e	Country		Posta	l Code/ZIP Code
City of Ottawa				Ontario		Canada		K0A	. 1L0
Non-address Information (inclu	ides any additional informat	on to clarify the physical loc	ation)						
Same as Applicant Physical (	Geo Reference? O Y	es   No	Geo Refer	ence (required)	?				
Description of location	Map Datum	Zone	Accura	acy Estimate	Geo-Refei	encing Method	UTM Eastir	ng	UTM Northing
Southwest corner of property	NAD83	18	+/- 10 n	netres	map esti	mation	423785.00		501393.00
Physical location of front door	NVD83	10	1/ 10 m	actros	man acti	motion	424452.00		E01E162 00

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Site Information

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Site Name		Days and Hours of Opera	ation	Ministry of the Environment	District Offic	е
West Carleton Envi	ronmental Centre	M-F 7:00-19:00		Ottawa District Office		
If no, please include th		s application owned by the applicant? and a signed document indicating that the		all and operate the proposed	Yes	O No
		site that is the subject of this applicate, address and phone number.	ation?		Yes	O No
	an area of development of copy of the NEPDA permit	control as defined by the Niagara Esc t for proposed activity.	carpment Planning & Developmen	t Act (NEPDA)?	O Yes	No
		Ridges Moraine Conservation Plan? approval for the proposed activity/work (	(for example, zoning by-law, letter fro	om municipality, etc.).	Yes	No
4.3 Site Zonii	ng and Classificati	on ?				
Current Land Use		Official Plan Designation	Cur	rent Zoning (Please attach zonir	ng map, if avail	able.)
Current Land Use				rent Zoning (Please attach zonir e attached	ng map, if avail	able.)
Current Land Use Rural Heavy Industi	rial	Official Plan Designation		<del>-</del> ',	ng map, if avail	able.)
4.3 Site Zoniii Current Land Use Rural Heavy Industri Adjacent Land Use (se	rial	Official Plan Designation	se	<del>-</del> ',	ng map, if avail	able.)
Current Land Use  Rural Heavy Industr  Adjacent Land Use (se	rial elect all that apply)	Official Plan Designation  RH  Residential	Adjacent Land Zoning	e attached		

Site Information

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City in cl	osest proximity to the point of entry	Descri	ption of Point of Entry
4.5 Source Protection	on/Drinking Water Threats (s	ewage or waste disposal site applications only)	
	ea(s) where the activity is/will be located:		
☐ Ausable Bayfield	☐ Grand River	☐ Raisin Region	☐ Lower Thames Valley
☐ Maitland Valley	☐ Kettle Creek	☐ South Nation	☐ St. Clair Region
Cataraqui Region	☐ Long Point	☐ Grey Sauble	☐ Upper Thames River
Central Lake Ontario	☐ Lakehead	☐ Northern Bruce Peninsula	☐ Crowe Valley
Credit Valley	☐ Mattagami	Saugeen Valley	☐ Ganaraska
☐ Toronto and Region	☐ Mississippi Valley	Sault Ste. Marie	☐ Kawartha-Haliburton
Essex	☐ Rideau Valley	☐ Lake Simcoe & Couchiching/Black River	☐ Lower Trent
☐ Halton	☐ Niagara	☐ Nottawasaga Valley	☐ Otonabee-Peterborough
☐ Hamilton	☐ North Bay Mattawa	☐ Severn Sound	☐ Outside a source protection area
Catfish Creek	☐ Quinte	☐ Sudbury	
Is the proposed activity located under the Clean Water Act, 2006	•	area identified in a local assessment report source prote	ction plan
○ Yes ○ No			
If yes, what is/are the vulnerable	e area(s)/zone(s)?		
☐ Wellhead Protection	n Areas 🔲 Surface Water Intake P	rotection Zones	
☐ Highly Vulnerable A	quifers Significant Groundwate	r Recharge Areas	
le the estivity being applied for i	dontified on a cignificant dvinting water	breat in the appearance transport for the least accuracy waste	otion area?
,	uentined as a significant drinking water t	hreat in the assessment report for the local source protect	cuon area?
⊃ Yes ○ No			



Print	Form



4.6 Receiver of Effluent Discharge (sewage applications only)	?
Intermediate Receiver Name	Watershed Name
☐ Surface Water ☐ Groundwater ☐ Other (specify):	
Has the facility received local Conservation Authority clearance? (for stormwater management of Yes Only N/A If yes, please include a copy of the Conservation Authority clearance).	
Final Receivers  \Backslash N/A ?	
Final Receivers  \[ \sum \text{N/A} \]  Will the proposed activity discharge sewage to any of the following critical receivers?	
Will the proposed activity discharge sewage to any of the following critical receivers?	r (specify):
Will the proposed activity discharge sewage to any of the following critical receivers?	r (specify):
Will the proposed activity discharge sewage to any of the following critical receivers?  Lake Simcoe  Rideau River  Detroit River  Othe	r (specify):

#### **Facility** Information

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**Print Form** 

**Clear Form** 

Save Form

Air

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- 44	2
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IF YOUR APPLICATION DOES NOT HAVE AIR EMISSIONS PLEASE PROCEED TO SECTION 5.2

#### **Summary of Equipment that Discharges Contaminants to the Air** 5.1.1

(√)	Description	Number of Pieces of Equipment
X	Combustion equipment that uses natural gas, propane, no. 2 oil, landfill gas or sewage treatment gas for fuel for the purpose of providing comfort heating or emergency power, producing hot water or steam, or heating material in a system that does not discharge to the atmosphere (Total Heat input of all units ≤ 50,000,000 kJ/hr)	N/A
	Storage tanks	N/A
	Welding operations that use a maximum of 10 kilograms of welding rod per hour	N/A
	Combustion equipment that uses waste-derived fuel for the purpose of providing comfort heating, burning ≤ 15 litres per hour	
	Heat cleaning ovens used for parts cleaning and associated parts washers or degreasing equipment, other than solvent degreasing equipment	
	Cooling towers	
	Equipment used to control emissions of contaminants, other than a fume incinerator	
	Laboratory fume hoods	
	Paint spray booths and associated equipment that have a design capacity of up to 8 litres per hour of paint	
	Grain dryers	
X	Any other equipment not listed above with a flow rate of less than or equal to 1.5 m³ per second	2
	Any other equipment not listed above with a flow rate of greater than 1.5 m³ per second	
	Equipment that is subject to an Environmental Compliance Approval, and from which there is no proposed increase in the discharge of any contaminant that was previously reviewed by the Director.	N/A

#### 5.1.2 **Emission Summary and Dispersion Modelling (ESDM) Report**



Is the review of an existing, approved ESDM required as part of this proposed application? Yes

If yes, identify the number of emission sources described in the existing ESDM Report that emit contaminants in common with the sources forming the subject of the application (if none, enter zero). 13

Have all of these emission sources been described in an ESDM Report that was previously reviewed as part of an application for an existing Environmental Compliance Approval? Yes No

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5.1.3 O. Reg. 419/05 Requirements	
Which of the following sections of O. Reg. 419/05 app	lies to the facility?
s.19 (Schedule 2) s.20 (Schedule 3) Does	s not apply. Please indicate reason:
Has an instrument under O. Reg. 419/05 been issued?	?
If yes, what type(s) of instruments (including any notices,	orders or approvals) has (have) been issued? (select all that apply)
ss. 4(2) Adjacent Properties	In Speed-up Request  In Speed-up Request
ss. 7(1) Specified Dispersion Models	ss. 20(5) Speed-up Order
ss. 8(2) Negligible Sources	s. 35 Site-specific Standard
ss. 10(2) Operating Conditions	ss. 35(14) Site-specific Standard Order
ss. 11(2) Refined Emission Rates	ss. 39(3) Technical Standard Registration (Industry Standard)
ss. 13.1 Value of Dispersion Modeling Parameters	ss. 39(4) Technical Standard Registration (Equipment Standard)
ss. 13(1) Meteorological Data	
ss. 14(6) Area of Modelling Coverage	
Other (list all that have been issued):	
Is an instrument under O. Reg. 419/05 being requeste	d as part of this application?   Yes   No
If yes, what type(s) of notice, order or approval is (are) be	ing requested?
ss. 7(1) Specified Dispersion Models	ss. 14(6) Area of Modelling Coverage
ss. 8(2) Negligible Sources	ss. 20(4) Speed-up Request
ss. 10(2) Operating Conditions	s. 32 Request for a Site-specific Standard Order
ss. 11(2) Refined Emission Rates	ss. 39(1)(a) Application for Technical Standard Registration (Industry Standard)
✓ ss. 13(1) Meteorological Data	ss. 39(1)(b) Application for Technical Standard Registration (Equipment Standard).
Other (list all that have been requested):	
Please attach the form(s) requesting the notice(s) and/or	order(s) and any additional supporting information.
Has an s.30 Upper Risk Threshold (Schedule 6) been exc	ceeded? If yes, please include additional supporting information. O Yes No
Is the facility located in a multi-tenant building? If yes, add	ditional information may be requested. 🔘 Yes 🌘 No
Ontario Regulation 419: Air Pollution – Local Air Quality" (	s represented in the Ministry of the Environment publication titled "Summary of Standards and Guidelines to support or have they been screened out based on the publication titled "Jurisdictional Screening Level (JSL) List, A Screening Tool ty"? (If no, please attach Supporting Information for a Maximum Ground Level Concentration Acceptability Request for application for Approval, EPA S.9 (PIBS 4872)). (a) Yes (b) No

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5.2	Noise	IF YOUR APPLICATION DOES NOT HAVE NOISE EMISSIONS, PLEASE PROCEED TO SECTION 5.3.
5.2.1	Noise Ass	essment ?
Have y	ou complet	ted an Acoustic Assessment Report (AAR) or Abbreviated Acoustic Assessment Report (A-AAR)?   Yes  No
If yes,	olease indica	te the report you have completed:
	AAR	Please attach the Acoustic Assessment Report.
		Does the AAR show that applicable limits are met?   Yes  No
		If no, please attach the Acoustic Assessment Report including the Noise Abatement Action Plan.
	O A-AAR	Please attach the Abbreviated Acoustic Assessment Report.
		Does the A-AAR show that applicable limits are met? O Yes O No
		Note that certain conditions must be met before using the A-AAR and that the A-AAR must show that the applicable limits are met otherwise an AAR may be required.
If no, is	the applicat	ion eligible for Primary or Secondary Noise Screening? O Yes O No
		Note that if you are not eligible for either of the screenings, you must submit either an AAR or A-AAR.
		If yes, is your proposed activity described with one of the NAICS codes that are eligible for the Primary Noise Screening? O Yes O No
		If yes, is the actual separation distance between the facility and the noise sensitive point of reception (POR) greater than the minimum required separation distance calculated from the Primary Noise Screening? O Yes O No
		If yes, please attach the Primary Noise Screening form and supporting documentation.  Note that if the Primary Noise Screening is not successful then you may attempt to proceed with the secondary noise screening.
		If no, does the Secondary Noise Screening report show that the applicable sound level limits are met? O Yes O No
		If yes, please attach the Secondary Noise Screening Report and supporting documentation.  Note that if you cannot demonstrate that the applicable sound level limits are met then you must submit either an AAR or A-AAR.



Print Form



$\checkmark$	5.2.2	<b>Equipment Subject to Noise Review</b>	?
		• • •	

(√)	Description	Number of Pieces of Equipment
	Arc Furnaces	
	Asphalt Plants	
	Blow-down Devices	
	Co-generation Facilities	
X	Crushing Operations	1
X	Flares	1
	Gas Turbines	
	Pressure Blowers or Large Induced Draft Fans (flow rate > 47m <sup>3</sup> /second or static pressure > 1.25 kilopascals)	
X	Any other equipment not listed above that has not previously been reviewed by the Director in connection with an application for an Environmental Compliance Approval with respect to the facility	2
X	Any other equipment not listed above that is identical to equipment for which a noise assessment was previously reviewed by the Director in connection with an application for an Environmental Compliance Approval with respect to the facility	2



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5.3	Sewage Works	?	IF YOUR APPLICATION DOES NOT CONTAIN S	EWAGE WORKS PLEASI	E PROCEED TO SECTION	5.4
5.3.1	Facility Type – Sewage Wor	ks	?			
Select	the type of facility that is the sub	oject o	of the application (select all that apply).			
☐ Sev	vage Treatment Plant (STP)		Further information:			
			☐ Primary		☐ On-site system	
			Secondary		Lagoons (check all that	t apply below)
			☐ Tertiary		☐ Septage	
			☐ Receives septage		☐ Municipal	
			☐ Constructed/Engineered Wet	ands	Other (specify):	
	☐ Municipal or private facility		Please indicate the maximum de	sign capacity of the mur	nicipal or private sewage	treatment plant:
	Category: O New O 1 O 2	○3 (		O > 4,550 m <sup>3</sup> /day		
	$\centcal{f }$ Facility for the treatment of leach	nate				
	Category: O New O 1 O 2	O3 (	<b>O</b> 4			
	$\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	strial p	process wastewater			
	Category: ○ New ○ 1 ○ 2	O3 (	<b>O</b> 4			
	$\sqsupset$ Facility for the disposal of non-co	ontact	ct cooling water			
	Subsurface disposal		Please indicate the design capac	ity of the subsurface dis	sposal:	
	·		$\bigcirc \le 15 \text{ m}^3/\text{day}$	$\bigcirc$ > 15 m <sup>3</sup> /day and < 5	50 m³/day	/day
☐ Sto	rmwater Management Facility					
Ca	regory: O New O 1 O 2 O 3	<b>O</b> 4	☐ Wet Pond ☐ Dry Pond	Other (specify):		
Sto	following, you must complete and rm Sewers Ditches Ditches Forcemain Pumping	ns	ch the relevant sections of the pipe data form:			
Is a Hy	drogeological Assessment required	d? 🔘	Yes O No (If yes, please attach the hyd	drogeological assessme	ent.)	
			stormwater management, cooling water or soil ia accepted by the Regional Office of the Mini		equired? O Yes O N	lo
			nunicipal or private sewage, industrial process ia accepted by the Regional Office of the Mini		e treatment plant required	d? O Yes O No

Facility Information

4.5.

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					Print Form	Clear For	rm	Save Form
5.3.2	Servicing	?						
The wo	rks will provi	ide sewage servicing	for (select all that apply):					
Res	idential	<ul><li>☐ Subdivision</li><li>☐ Condominium</li><li>☐ Institutional</li></ul>	Is there a Municipal Responsibility A If yes, please attach a copy of the Mur	- ·		N/A		
		Other (specify):						
☐ Com	nmercial	<ul><li>☐ Hotel, Motel, Inn</li><li>☐ Resort</li><li>☐ Restaurant</li></ul>	<ul><li>☐ Campground, Park</li><li>☐ Shopping Malls</li><li>☐ Highway Service Station/0</li></ul>	☐ Rental Cabins ☐ Other (specify): Gas Bars				
☐ Indu	ıstrial	Describe:						
<b>5.3.3</b> Does/W	_	_	Disposal/Landfill Sites ? ive waste disposal/landfill site leachate?	Yes O No If yes,	please identify the s	site(s) below.		
Nam	e of Site Cont	tributing Leachate			Environmental C Approval No	·	Volume o leachate (r	
1.								
2.								
3.								



Print Form



5.4 Waste Disposal Site   If your application is not for a waste disposal or processing site please proceed to section 5.5							ION 5.5		
<b>5.4.1 Facility D</b> Service Area	escription – Was	te Disposal Sit	e (information on the natu	ure of the proposed bus		site) ? Total Area of Site (he	ectares)		
001110071100						Total / Il od of olio (il			
Monitoring (select al	I that apply)								
Groundwater	☐ Surface	Water _	] Landfill Gas	☐ Leachate	☐ None	Other (speci	fy):		
Type(s) of waste to	be accepted at thi	s site (select all th	at apply)						
Subject:  Hazardous Waste  Liquid Industrial Waste  Non-subject:  Municipal (non-hazardous)  Other Liquid Waste									
Municipal waste ca	tegories to be acco	epted at this site	(select all that apply)						
☐ All Categories	□ Domesti	c Sources	] IC&I Sources	☐ Source Sepa	arated Organics	☐ Tires	Leaf & Yar	d Waste	
☐ Contaminated So	oil 🔲 Wood W	/aste	Blue Box Materials	Other (specify	y):				
Other liquid waste	categories to be a	ccepted at this s	ite (select all that apply)						
☐ Processed Orgar	nics 🗌 Waste fr	om Food Process	sing/Preparation Opera	tions 🗌 Hauled S	Sewage   Other	(specify):			
				Marka (I basel de la de					
Olara Oada	01 01-	01 01-		Waste / Liquid Indu		Olaca Ocala	Olara Orala	01 01-	
Class Code	Class Code	Class Code	Class Code	Class Code	Class Code	Class Code	Class Code	Class Code	



<b>Print Form</b>
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### 5.4.2 Waste Transfer/Processing/Composting – Complete this information if waste transfer and/or processing and/or composting take(s) place at this facility

- 1	•
- 1	7

Waste Types to be	- Transferred o	r Processed	Des	ign Capacity					
_			0	≤ 100 tonnes per d	ay () > 100	tonnes per day			
	Hazardous waste or liquid industrial waste								
	nan nazaraoao	wasto and liquid industrial w				<b>,</b>			
			Cha	nge to Operations	?				
O No Change Pro	posed	С	) Change does not	require fundamenta	I design review	O Change require	es fundamental desigr	n review	
				Liquid Waste					
Maxi	mum Storage C	apacity (m³)		N	laximum Residual f	or Final Disposal (ı	m³)		
Hazardous	Liquid Industri	al Other Liquid Waste	Hazardous L		Liquid I	ndustrial	Other Liqu	Other Liquid Waste	
Tiazaidous	Elquia iriaustri	Other Elquid Waste	Daily	Annually	Daily	Annually	Daily	Annually	
				Solid Waste					
Maxim	um Storage Cap	pacity (tonnes)		Ма	ximum Residual for	Final Disposal (tor	nnes)		
Hazardou		Non-hazardous	Hazardous			Non-hazardous			
пагагооц	5	NOH-Hazardous	Daily		Annually Daily		,	Annually	
Maximum Amount of Waste to be Received Daily									
Liquid (m³) Solid (tonnes)									
Hazardou	S	Liquid Industrial	Other Liquid	d Waste	Hazardou	ıs	Non-haza	rdous	



Print	Form
Pillit	FOITH



5.4.3	Thermal Treatment Facility -	<ul> <li>Complete this i</li> </ul>	information if thermal	treatment takes	place at this facility
-------	------------------------------	-------------------------------------	------------------------	-----------------	------------------------

1			
4	9	а.	
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			1					
Waste Type for The	ermal Treatmen	t	Design Ca	pacity				
☐ Hazardous wa	aste or liquid indu	ustrial waste	<u></u> ≤ 100	tonnes per d	lay	onnes per day		
☐ Waste other t	han hazardous w	vaste and liquid industrial w	aste	tonnes per d	lay	onnes per day		
			Change to	Operations	?			
O No Change Pro	posed	C	Change does not requir	e fundamenta	l design review	O Change requi	es fundamental desiç	ın review
			Liqui	d Waste				
Maximum Storage Capacity (m³)				Maximum Residual for Final Disposal (m³)				
Hazardous	Liquid Industria	al Other Liquid Waste	Hazardous Liquid Indi				uid Waste	
Tiazardous	Elquid Iridustric	di Otrici Elquid VVasio	Daily /	Annually Daily		Annually	Daily	Annually
			-					
Solid Waste								
Maxim	um Storage Cap	acity (tonnes)			ximum Residual for	Final Disposal (to	<u> </u>	
Hazardous	ardous Non-hazardous		azardous			Non-hazardous		
Trazaraoa		TTOTT TIGE CATOGO	Daily	Annually		Daily		Annually
			Maximum Amount of W	aste to be R	eceived Daily			
		Liquid (m³)				Solid (t	Solid (tonnes)	
Hazardou	S	Liquid Industrial	Other Liquid Was	e	Hazardou	S	Non-haz	ardous
			Maximum Daily Fe	ed Rate (ton	ines/m³)			
Hazardous	Waste (tonnes)	Non-hazard	lous Waste (tonnes)	Liq	uid Industrial Waste	(m³)	Other Liquid W	aste (m³)



Print Form	



5.4.4 Landfill Site – Complete this information if this facility operates as a landfill site				?						
Waste Types to	o be accepted at t	he Landfill		Design Cap	acity					
☐ Hazardous	s waste or liquid inc	dustrial waste		<u></u> ≤ 40,0	000 m³	0	> 40,000 m	<sup>3</sup> ≤ 3 million r	m³	nillion m³
Waste is o concrete a	nly uncontaminated	d tree stumps, le	aves, branches,	<u></u> ≤ 40,0	000 m³	$0 \text{ m}^3$ $\rightarrow$ 40,000 m $^3$ ≤ 3 million m $^3$ $\rightarrow$ 3 mil		nillion m³		
	r than hazardous wa nated tree stumps, k				)00 m³	0	$> 40,000 \text{ m}^3 \le 3 \text{ million m}^3$ $> 3 \text{ million m}^3$			nillion m³
				Change to	Operation	ıs 🕐				
O No Change I	Proposed			ange does not requ		nental design re			iires fundamental o ical assessment	design review or
				Maximum Landfi	Iling Capa	city (m³)				
Haz	ardous Waste		Non-hazardou	ıs Waste		Liquid Industri	al Waste		Other Liqu	id Waste
					<u>'</u>					
Maximum Amount of Waste to be Received										
Hazardo	ous Waste (tonnes)		Non-hazardous W	/aste (tonnes)	L	iquid Industrial Waste (m³)			Other Liquid Waste (m³)	
Daily	Annua	lly	Daily	Annually	С	Daily	Annually	,	Daily	Annually
					·	'		'		
				Landfill Ir	nformation	າ 🥐				
Area to be Landfilled (hectares)	Total Site Area including Buffer Area (hectares)	Estimated Date of Closure (yyyy/mm/dd)	Population Served			Contr	ol Types (sel	ect all that app	oly)	
				☐ Leachate	Collected	and Treated Of	f-site	Leachate C	Collected and Treat	ed On-site
				☐ Landfill G	as Collect	ed and Flared		Landfill Gas	s Collected for Ene	ergy Generation
				Other (de	scribe):		,			

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5.5	Waste Management Sys	stems (Excer	ot Mobile Wast	e Processing)

IF YOUR APPLICATION IS NOT FOR A WASTE MANAGEMENT SYSTEM PLEASE PROCEED TO SECTION 5.7.

If no, please include additional information about ownership arrangements for each vehicle not owned by the applicant.	Are all the vehicles to be used owned by the applicant? O Yes O No						
Has a minimum of \$1,000,000.00 liability insurance been obtained for all vehicles for which it is required? O Yes O No							
Describe any additional insurances that are held (for example, environmental impairment liability insurance).							



Print F	orm
	0



5.5.3 General Wa	ste Managemer	nt System	?						
Type(s) of Waste to	be Transported	by the General Waste	e Management Sys	tem (select all that ap	ply)				
Subject:			Non-su	bject:					
☐ Hazardous Wast	е		☐ Mun	icipal (non-hazardou	ıs)				
Liquid Industrial	Waste		☐ Othe	er Liquid Waste					
Non-subject Categ	ories to be Trans	ported by the Genera	al Waste Manageme	<b>ent System</b> (select al	I that apply)				
☐ Blue Box Materia	als $\Box$	Domestic Sources	☐ Com	nmercial	☐ Non-Ha	zardous Solid Industr	rial 🗌 Asbestos '	Asbestos Waste in Bulk	
☐ Dewatered Catch Clean-out Materi		Leaf/Yard Waste	☐ Wood Waste			eanup Material	☐ Contamina	ated Soil	
☐ Waste from Food	a i rocccomig,	Tires	☐ Was	te Wash Water		ed Organics and application)	☐ Grease Tr	☐ Grease Trap Waste	
Preparation Ope	rations		☐ Othe	ers (specify):	· · · · · ·				
Subject Waste Categories to be Transported by the General Waste Management System  Separate list attached?  Yes  No  Hazardous Waste / Liquid Industrial Waste									
Class Code	Class Code	Class Code	Class Code	Class Code	Class Code	Class Code	Class Code	Class Code	
	5.000 0000		0.000 0000			3.000 3300	0.000 0.00	5.005 5505	
☐ All drivers are/w	vill be trained in ac	cordance with O. Reg.	. 347 and all pertine	nt environmental leg	is <b>l</b> ation.				
Each vehicle us environment.	sed to transport a s	specific subject waste o	class is suitable for t	hat waste transporta	ation in order to prot	ect the health and sa	fety of the public an	d the natural	
Note: For transporte must be provided.	rs of pathological	waste and PCBs (was	te classes 243 and 3	312) Operations Mar	nual and Driver Trair	ning Manual must also	o be attached and F	inancial Assurance	



		Print Form	Clear Form	Save Form
General Waste Management System -	- Disposal Site Information			
What is the Final Destination of Waste to	be Transported by the General Waste Mana	agement System? (select all that apply)		
☐ A disposal site in Ontario approved by the	e Ministry of the Environment			
☐ Disposal sites outside of Ontario approve	d by another regulatory agency			
List the destination province(s)/state(s):				
Has the applicant received recommendati  Yes If yes, please provide a co	that is waste and processed organic waste (biosolic on from Biosolids Utilization Committee (E py of the BUC recommendation.		anic waste (biosolids) o	r NASM?
O No If no, please clarify:				
Spreading equipment (land application only)	Separa	ate list attached? O Yes O No		
Equipment Type	Make & Model	Desc	ription	



Print For	m
(	



Method of system operation (land application only)							
Estimated quantity to be handled on an annu	al basis (cubic metres/litres/tonnes):						
Please describe the loading procedures:							
Please describe the spreading methods:							
Please describe the storage facilities (tanks, lagoons, etc.):							
Soil Conditioner Waste Management S	System – Land Application Si	ites					
What is the final destination of waste to be	•		anagement s	system? (r	nust include	for land application only)	
☐ Non-agricultural land ☐ Agricultural			_				
5.5.5 Hauled Sewage (Septage) Was	to Management System	2					
	-						
Type(s) of hauled sewage (septage) to be tra  ☐ Portable toilet waste ☐ Septic tank wa	·	☐ Other (sp	nooifu):				
·	iste Holding tank waste			O 14	O 11		
Spreading Equipment (land application only)		Separate list	t attached?	O Yes	○ No		
Equipment Type	Make & Model					Description	

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Does this system include in-transit storage? O Yes O No ?
If yes:
a) What is the duration of storage? Please specify (Maximum period of in-transit storage should not exceed more than two weeks):
b) Is the storage tank a prefabricated tank with the capacity < 100,000 L, designed and constructed in accordance with a Class 5 Sewage System under the Ontario Building Code or CAN/CSA B66-05?
Yes No If no, please provide a copy of the design of the storage tank signed and dated by a professional engineer.
Does this system include in-transit processing? O Yes O No
If yes: a) Location of in-transit processing:
☐ In Vehicle ☐ In-storage Tank
b) Describe the method of in-transit processing:
Does this system use barge/boat to transport hauled sewage (septage)? O Yes O No
If yes,
a) Has a minimum of \$1,000,000.00 liability insurance been obtained for the barge/boat for which it is required?
○ Yes ○ No
b) Does the barge/boat have an engine of 10 horsepower (hp) or more, for which a commercial vessel licence is required from Transport Canada?  O Yes O No If yes, please include a copy of the commercial vessel licence.
Note: For in-transit storage or processing the applicant must include with the application the consent of the landowner, if the landowner is different than the applicant. A financial

assurance estimate must be provided by applicants using in-transit storage or using in-transit processing where processing is conducted in the in-transit storage tanks.



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Hauled Sewage (Septage	Waste Management System -	Land Application Sites [
------------------------	---------------------------	--------------------------

□ N/A

List the Environmental Compliance Approval Number(s) of all disposal site(s) approved by the Ministry of the Environment for land application of hauled sewage in association with this waste management system.

Instrument Type	Instrument Number	Approval or Application Date (yyyy/mm/dd)

Instrument Type	Instrument Number	Approval or Application Date (yyyy/mm/dd)



Pr	rin	t F	or	m	



5.6 Waste Ma	nagement Syste	system – Mobile Waste Processing							
5.6.1 Mobile Was	ste Management Sy	agement System Process and Equipment Description							
ype(s) of Waste to b	e Processed (select al	I that apply)							
Subject:			Non-subject:						
☐ Hazardous Waste			☐ Municipal (non-	-hazardous)					
Liquid Industrial W	aste		Other Liquid W	aste					
Number of Units  Type of Waste to be Processed by the Unit(s)  Financial Assurance (per un						Financial Assurance Required			
Non-hazardous Solid Waste \$5,000									
Hazardous Waste									
Liquid Industrial Waste				\$20,000					
Other Liquid Waste				\$20,000					
Multiple Types of Waste from the Categories Above									
Total Financial Assurance \$0									
/lunicipal (non-hazaı	rdous) Waste Catego	ries to be Processed (	select all that apply)						
Contaminated Soil	at Cleanup Site	Wood Waste   Cor	nstruction & Demolition	Waste   Asbestos	s Waste   Tires				
Domestic Waste	Domestic Waste  Other (specify):								
Other Liquid Waste C	Categories to be Proc	essed (select all that app	uly)						
☐ Hauled Sewage	Hauled Sewage   Waste from Food Processing/Preparation Operations Processed Organic								
Other (specify):	Other (specify):								
		Hazardo	ous/Liquid Industrial V	Vaste Types to be Pr	ncessed				
		I	-		I				
Class Code	Class Code	Class Code	Class Code	Class Code	Class Code	Class Code	Class Code		



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#### **5.6.2 Equipment Information** – Please attach a separate list if more space is required.

Separate list attached? O Yes O No

			Equipment List			
Unit Type	Process Description	Equipment Type	Make	Model	Serial Number	Equipment Capacity (including unit of measurement)
	Unit Type	Unit Type Process Description	Unit Type  Process Description  Equipment Type	Unit Type  Process Description  Equipment Type  Make		



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#### 5.7 Cleanup of Contaminated Sites



IF YOUR APPLICATION IS NOT FOR A CLEANUP OF A CONTAMINATED SITE PLEASE PROCEED TO SECTION 6.

Type of cleanup:	
◯ In-situ	
○ Ex-situ	
O Both	
Contaminated media to be	treated:
Groundwater	
☐ Surface water	
Sediment	
Soil	
Waste Type:	
Subject:	Non-subject:
☐ Hazardous Waste	☐ Municipal (non-hazardous)
☐ Liquid Industrial Waste	☐ Other Liquid Waste
Type of discharge:	
Air	☐ Surface water
Groundwater	Noise
☐ Storm or sanitary	

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		_	
√ 6.1	<b>General</b> — THIS IS A LIST OF SUPPORTING INFORMATION TO THIS APPLICATION AND IS SUBJECT TO THE FIPPA AND EBR.	?	

	Attachment	Attached	If no, provide explanation, (include referenced attachment if more space is required for rationale)	Confidential* (√)
$\checkmark$	Proof of legal name	Yes     No		
	Enhanced EBR description	○ Yes ○ No		
	Provincial Officer Notice	○ Yes ○ No		
	Inspection Report	○ Yes ○ No		
$\checkmark$	Detailed project and process description	Yes     No		
$\checkmark$	Pre-application Consultation Record	Yes     No		
	Legal Survey(s)	○ Yes ○ No		
$\checkmark$	Site Plan(s)	Yes     No		
$\checkmark$	Scaled area location plan(s) with geo-referencing points identified	Yes     No		
$\checkmark$	Documentation in support of EBR Exception	Yes     No		
$\checkmark$	Proof of Compliance with EAA Requirements	Yes     No		
$\checkmark$	Proof of Consultation/Notification	Yes     No		
$\checkmark$	Financial Assurance Estimate	O Yes O No	Not Applicable for this application	
	Name, address and consent of land/site owner for the installation and operation of the proposed activity or storage location of equipment or vehicle	◯ Yes ◯ No		
	Name, address and phone number of the Operating Authority	○ Yes ○ No		
	Copy of NEPDA Permit	○ Yes ○ No		
	Copy/Proof of Municipal Planning Approval (ORMCA, general)	○ Yes ○ No		
	Municipal Zoning Confirmation Letter	○ Yes ○ No		
$\checkmark$	Zoning map	Yes No		
	Conservation Authority Clearance	○ Yes ○ No		
	Director's approval for Policy 2 Deviation	○ Yes ○ No		
$\checkmark$	Application Fee	Yes No		

Supporting Documentation and Technical

(PIBS 5356e)

Vibration Assessment report

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	Requirements				<b>Print Form</b>	Clear Form	Save Form
	Attachment		Attac	ched	If no, provide explar (include referenced attachment if more spa		Confidential* (√)
$\checkmark$	A copy of this application ha	s been sent to the Ministry Local	Yes	O No			
	Explanation for confidentiali	ty	O Yes	○ No			
	Other (please describe):		O Yes	○ No			
$\checkmark$	6.2 Air						·
$\checkmark$	1	persion Modelling (ESDM) Report n s.22 and of O. Reg. 419/05 (including	Yes	O No			
$\checkmark$	Electronic copy of the Dispe prepared in accordance with	ersion Modelling input and output files n s.26 of O. Reg. 419/05	Yes	O No			
		Maximum Ground Level Request for Compounds with no ment to Application for Approval, EPA	O Yes	○ No			
$\checkmark$	Copies of forms requesting supporting documentation	O. Reg. 419/05 instruments and	Yes	O No			
	Other (please describe):		○ Yes	○ No			
$\checkmark$	6.3 Noise and Vib	ration					
	Primary Noise Screening		○ Yes	○ No			
	Secondary Noise Screening	I	○ Yes	○ No			
	Abbreviated Acoustic Asses checklist (A-AAR)	sment Report including signed	○ Yes	○ No			
$\checkmark$	Acoustic Assessment Repor	rt including signed checklist (AAR)	Yes	◯ No			

O No

O Yes

V

 $\checkmark$ 

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<b>Print Form</b>	Clear Form	Save Form

Attachment	Attached	If no, provide explanation, (include referenced attachment if more space is required for rationale)	Confidential* (√)
Noise Abatement Action Plan	○ Yes ○ No		
Other (please describe):	○ Yes ○ No		
6.4 Sewage			
Signed Municipal Responsibility Agreement	○ Yes ○ No		
Detailed description of the proposed activities/works	○ Yes ○ No		
Notice of Completion for the Environmental Study Report (ESR)	O Yes O No		
Design Brief	○ Yes ○ No		
Preliminary Engineering Report	O Yes O No		
Final Plans	○ Yes ○ No		
Engineering Drawings and Specifications	○ Yes ○ No		
Sewage quantity and quality characteristics	○ Yes ○ No		
Stormwater Management Report	○ Yes ○ No		
Stormwater Management Plan	○ Yes ○ No		
Hydrogeological Assessment	○ Yes ○ No		
Environmental Impact Analysis	Yes No		
Final effluent criteria accepted by regional office of the Ministry	○ Yes ○ No		
Sewage Works Limited Operational Flexibility Requirements			
1. Engineer's Report	○ Yes ○ No		
2. Declarations	○ Yes ○ No		
Pipe Design Data Form	○ Yes ○ No		
Other (please describe):	○ Yes ○ No		

 $\checkmark$ 

Other (please describe):

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and Technical Requirements			Print Form	Clear Form	Save Form
Attachment	Attache	d	If no, provide explana (include referenced attachment if more space		Confidential'
6.5 Waste Disposal Sites					·
Design and Operations Report	O Yes C	) No			
Stormwater Management Report	O Yes	) No			
Hydrogeological Assessment	O Yes C	O No			
Assessment of Physical and Water Use Conditions	O Yes	) No			
Waste Limited Operational Flexibility Requirements					
1. Engineer's Report	O Yes	O No			
2. Declarations	O Yes	O No			
Copy of notification to adjacent landowners	O Yes C	O No			
Other (please describe):	O Yes	O No			
6.6 Waste Management Systems					
Proof of vehicle and/or equipment ownerships	O Yes	) No			
Complete Fleet List (list of all vehicles, trailers and equipment used)	O Yes	) No			
Copy of the Liability Insurance for all vehicles for which insurance is required	O Yes	) No			
Copy of BUC recommendation	O Yes C	O No			
Copy of the storage tank design	O Yes C	) No			
Copy of commercial vehicle licence	O Yes	) No			
Description of the physical location where the vehicles transporting biomwedical waste are being disinfected	O Yes	) No			
Drivers Training Manual (for PCB/Biomedical Waste)	O Yes	) No			
A copy of the applicant's Operation Plan including detailed packaging and biomedical waste handling methods	O Yes	) No			
Contingency and Emergency Procedures Plan (for PCB/ Biomedical Waste/Hauled Sewage (Septage))	O Yes	) No			

 $\bigcirc$  Yes  $\bigcirc$  No

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	Attachment	Attached	If no, provide explanation, (include referenced attachment if more space is required for rationale)	Confidential*
1	6.7 Mobile Waste Processing			
	Design and Operations Report – Mobile Waste Processing of General Waste	○ Yes ○ No		
	Design and Operations Report – Mobile Waste Processing of Liquid Waste	○ Yes ○ No		
	Other (please describe):	○ Yes ○ No		
	6.8 Cleanup of Contaminated Sites			
	Design Report for Cleanup of Contaminated Sites	○ Yes ○ No		
	Other (please describe):	○ Yes ○ No		
	6.9 Other Attachments			
	Title	Reference		Confidential* (√)
	Are you attaching an additional list of attachments?  O Yes  No	_	space to list all of the attachments included in this application package, itional listing of these attachments.	

\*Please note: The collection of personal information in this application is necessary to administer the Ministry's approvals program, which is authorized pursuant to the Environmental Protection Act and the Ontario Water Resources Act. The personal information collected in this application will be used to administer the program, including for the purposes of the Ministry's compliance and enforcement activities under the aforementioned acts, and for the purposes of making information in respect of Environmental Compliance Approvals available to the public with the exception of payment information. Questions about the collection of the information can be directed to a Client Service Representative, Environmental Approvals Access and Service Integration Branch, 2 St. Clair Avenue West, Floor 12A, Toronto Ontario M4V 1L5; Telephone outside Toronto 1-800-461-6290 or in Toronto 416-314-8001 or Fax 416-314-8452.

Payment Information

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#### Payment Information: Application for an Environmental Compliance Approval



#### Please Note:

- 1. If you are completing this form by hand, you must complete and attach your fee calculations separately. You do not need to include the supplemental fee calculations if you are filling in this form electronically.
- 2. If you are completing this form electronically, the fees for this application have been calculated based on the information you have provided. The Ministry may require additional information during the review of your application that could impact the total fee required.
- 3. All fees should be paid in Canadian funds, payable to the Minister of Finance, except fees for Transfer of Review, which are payable to the local municipality.
- 4. Credit card payments are accepted for payments under \$10,000 only.
- 5. If you are paying by certified cheque or money order, please staple your payment to this page.
- 6. The information collected in this section of the form is considered confidential and will only be used to process your application fee.

Do not include this page in the copies of your application that are being provided to the Local Ministry District Office.

Amount Enclosed	Method of Payment			
\$ 8,100.00		<ul><li>☐ Money Order</li><li>☐ MasterCard</li></ul>	☐ American Express	
Credit Card Information (if paying by VISA, MasterCard or American Express)				
Name on Card (please print)	Credit Card Number		Expiry Date (mm/yyyy)	
Cardholder Signature Date (yyyy/mm/dd)				
If paying by certified cheque or money order, please attach it here.				

ontario.ca/environment



# Attachment 1

Ministry of the Environment

Office of the Minister

77 Wellesley Street West 11<sup>th</sup> Floor, Ferguson Block Toronto ON M7A 2T5 Tel.: 416 314-6790 Fax: 416 314-6748 Ministère de l'Environnement

Bureau du ministre

77, rue Wellesley Ouest 11° étage, édifice Ferguson Toronto ON M7A 2T5 Tél.: 416 314-6790 Téléc.: 416 314-6748



ENV1283MC-2013-1796

#### SEP 0 5 2013

Mr. Tim Murphy Director Environmental Protection and Regulatory Affairs Waste Management of Canada Corporation 117 Wentworth Street, Brampton ON L6T 5L4

Dear Mr. Murphy:

Thank you for submitting your environmental assessment for the West Carleton Environmental Centre New Landfill Footprint on September 14, 2012, as amended on January 21, 2013. The ministry has completed its review and I wish to inform you that I have approved your environmental assessment with regard to the proposed undertaking.

Attached is a signed copy of the Notice of Approval to Proceed with the Undertaking as required by the Environmental Assessment Act.

Should you require further assistance please contact Jason Ryan, Supervisor, Project Coordination Unit of the Environmental Approvals Branch, at 416-314-7241 or by e-mail at Jason.Ryan@ontario.ca.

Yours sincerely,

Jim Bradley

Minister of the Environment

Attachment

c: Jack MacLaren, MPP, Carleton-Mississippi Mills

# Ontario Executive Countil Conseil des ministres

#### Order in Council Décret

On the recommendation of the undersigned, the Lieutenant Governor, by and with the advice and concurrence of the Executive Council, orders that:

Sur la recommandation du soussigné, le lieutenant-gouverneur, sur l'avis et avec le consentement du Conseil des ministres, décrète ce qui suit :

WHEREAS section 9 of the Environmental Assessment Act provides that the Minister of the Environment, with the approval of the Lieutenant Governor in Council, may give approval to proceed with an undertaking, give approval to proceed with an undertaking subject to such conditions as the Minister considers necessary, or refuse to give approval to proceed with the undertaking; and

WHEREAS a Notice of Completion of the Review for the Environmental Assessment for a New Landfill Footprint at the West Carleton Environmental Centre (hereafter "the undertaking") was published on February 22, 2013, and one request for a referral to a hearing was received; and

WHEREAS, having considered the purpose of the Act, the Environmental Assessment of the undertaking, the Terms of Reference, and the submissions received, the undersigned Minister of the Environment considers that a hearing is unnecessary and is of the opinion that the undertaking should be given approval to proceed, subject to the conditions specified in the attached approval,

THEREFORE, pursuant to section 9 of the Environmental Assessment Act, approval to proceed with the undertaking is given in the form attached, subject to the conditions specified therein.

Recommended

Minister of the Environment

Concurred

Obdinat Cable at

Approved and Ordered

AUG 2 8 2013

Lieutenant Governor

O.C./Décret

1228/2013

# ENVIRONMENTAL ASSESSMENT ACT SECTION 9

#### NOTICE OF APPROVAL TO PROCEED WITH THE UNDERTAKING

RE:

An Environmental Assessment for a New Landfill Footprint at the West Carleton

Environmental Centre (Amended January 21, 2013)

Proponent: Was

Waste Management of Canada Corporation

EA File No.:

EA-02-08-02

TAKE NOTICE that the period for requesting a hearing, provided for in the Notice of Completion of the Review for the above-noted undertaking, expired on April 2, 2013.

I received one submission requesting a hearing by the Environmental Review Tribunal.

I consider a hearing to be unnecessary in this case. Having considered the purpose of the Environmental Assessment Act, the approved Terms of Reference, the Amended Environmental Assessment, the Ministry Review of the Environmental Assessment and submissions received, I hereby give approval to proceed with the Undertaking, subject to the conditions set out below.

#### **REASONS**

My reasons for giving approval are:

- (1) The proponent has complied with the requirements of the Environmental Assessment
- (2) The Amended Environmental Assessment has been prepared in accordance with the approved Terms of Reference.
- (3) On the basis of the proponent's Amended Environmental Assessment and the Ministry Review, the proponent's conclusion that, on balance, the advantages of this undertaking outweigh its disadvantages appears to be valid.
- (4) No other beneficial alternative method of implementing the undertaking was identified.
- (5) The proponent has demonstrated that the environmental effects of the undertaking can be appropriately prevented, changed, mitigated, or remedied.
- On the basis of the proponent's Amended Environmental Assessment, the Ministry Review and the conditions of approval, the construction, operation and maintenance of the undertaking will be consistent with the purpose of the Environmental Assessment Act (section 2).
- (7) The government agency, public and Aboriginal review of the Amended Environmental Assessment has indicated no outstanding concerns that cannot be addressed through commitments made in the Amended Environmental Assessment, through the conditions set out below, or future additional approvals that will be required.
- (8) The submissions received after the Notice of Completion of the Review was published are being dealt with through commitments made in the Amended Environmental Assessment, through the conditions set out below, or future additional approvals that will be required. I am not aware of any outstanding issues with respect to this undertaking which suggest that a hearing should be required.

#### **CONDITIONS**

The approval is subject to the following conditions:

#### 1. Definitions

For the purposes of these conditions:

"CLC" means the Community Liaison Committee.

"construction" means physical construction activities, including, site preparation works, but does not include tendering of contracts.

"date of approval" means the date on which the Order in Council was approved by the Lieutenant Governor.

"Director" means the Director of the Environmental Approvals Branch.

"EAB" means the Environmental Approvals Branch of the Ministry of the Environment.

"environmental assessment" means the document titled West Carleton Environmental Centre New Landfill Footprint Environmental Assessment (as amended January 21, 2013).

"ministry" means the Ministry of the Environment.

"Notice" means this Notice of Approval to Proceed with the Undertaking.

"program" means compliance monitoring program.

"proponent" means Waste Management of Canada Corporation.

"Regional Director" means the Director of the ministry's Eastern Regional Office.

#### "site" means

- the entire waste disposal site, including the buffer lands, located on Lots 3 and 4, Concession 3, in the former Township of Huntley, formerly in the Township of West Carleton, now the City of Ottawa; and,
- the contaminant attenuation zone (CAZ), including portions of 2301, 2330, 2104, 2326 and 2300 Carp Road, located on Part of Lot 4, Concession 2, Part of Lot 3, Concession 2, and Part of Lot 2, Concession 2, in the former Township of Huntley, formerly in the Township of West Carleton, now in the City of Ottawa.

"undertaking" means the construction and operation of a new landfill footprint at the site, and as more specifically set out in the environmental assessment.

#### 2. General Requirements

- 2.1 The proponent shall carry out the undertaking in accordance with the environmental assessment which is hereby incorporated in this 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.
- 2.2 The proponent shall fulfill all commitments made during the environmental assessment process.
- 2.3 The conditions set out in this Notice do not prevent more restrictive conditions being imposed under other statutes.

#### 3. Public Record

3.1 Where a document is required for the public record, the proponent shall provide two copies of the document to the Director: a copy for the public record file maintained for the undertaking and a copy for staff use.

- 3.2 The EAB file number EA-02-08-02 shall be quoted on all documents submitted to the ministry pursuant to this Notice.
- 3.3 For every document submitted to the ministry, the proponent shall clearly identify which condition the document is meant to fulfill
- 3.4 Documents may be provided electronically where appropriate. The ministry may request that the document be provided in hardcopy.

#### 4. Compliance Monitoring Program

- 4.1 The proponent shall prepare and submit to the Director for the public record, an environmental assessment compliance monitoring program.
- 4.2 The program shall be submitted to the Director within one year from the date of approval, or 60 days before the commencement of construction, whichever is earlier.
- 4.3 The program shall include monitoring of the proponent's implementation of the undertaking in accordance with the environmental assessment and the conditions in this Notice with respect to mitigation measures, public consultation, and additional studies and work to be carried out. The program shall also include monitoring of compliance with all commitments made in the environmental assessment and the subsequent review of the environmental assessment and the approval process for the environmental assessment with respect to mitigation measures, public consultation, and additional studies and work to be carried out.
- 4.4 The program must contain an implementation schedule.
- The Director may require the proponent to amend the program. The program, as it may be amended by the Director, must be carried out by the proponent.
- 4.6 The proponent shall make the program documentation available to the ministry or its designate upon request in a timely manner when so requested by the ministry.

#### 5. Compliance Reporting

- 5.1 The proponent shall prepare an annual compliance report which describes the proponent's compliance with the conditions in this Notice and the results of the program.
- The annual compliance report shall be submitted for the public record on or before March 31 of each year, with the first report being due in 2014, and shall cover all activities of the previous calendar year.
- 5.3 The proponent shall submit annual compliance reports until all conditions are satisfied.
- 5.4 When all conditions have been satisfied, the proponent shall indicate in the annual compliance report that it is the final annual compliance report.
- 5.5 The proponent shall retain, either on site or in another location approved by the Director, copies of the annual compliance reports for each reporting year and any associated documentation of compliance monitoring activities.

The proponent shall make the compliance reports and supporting documentation available to the ministry or its designate upon request in a timely manner when requested to so by the ministry.

#### 6. Community Liaison Committee

- 6.1 The proponent shall establish and maintain a CLC in respect of the undertaking to provide a forum for public concerns to be raised and for mitigation measures to be discussed where appropriate.
- 6.2 If there is no interest from the public in continuing the existing CLC or establishing and participating in a new CLC (once sufficient notice has been given) it may be discontinued. If discontinued the proponent shall publish a notice at least annually inviting expressions of interest in establishing or re-establishing the CLC.
- 6.3 If continued or re-established, the CLC shall serve as the focal point for dissemination, review and exchange of information and monitoring results relevant to the undertaking.
- 6.4 If there is interest in forming a CLC and members are willing to serve, the CLC shall be established.
- 6.5 The proponent shall provide administrative support for the CLC including, at minimum:
  - a) providing CLC meeting space;
  - b) preparing and publishing meeting notices:
  - c) recording minutes of each meeting; and,
  - preparing an annual report to be submitted as part of Compliance Reporting as required by Condition 5.

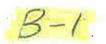
#### 7. Complaint Protocol

- 7.1 The proponent shall prepare and implement a protocol on how it will deal with and respond to inquiries and complaints with respect to the undertaking.
- 7.2 The proponent shall submit the Complaint Protocol to the Director at least 6 months prior to the start of construction.
- 7.3 The Director may require the proponent to amend the Complaint Protocol at any time. Should an amendment be required, the Director shall notify the proponent in writing of the amendment required and when the amendment must be completed.
- 7.4 The proponent shall submit the amended Complaint Protocol to the Director within the time period specified by the Director.
- 7.5 The proponent shall implement the Complaint Protocol and any amendments to it.

- 8. Groundwater and Surface Water Monitoring Plan
- 8.1 The proponent shall prepare and submit to the Regional Director a draft Groundwater and Surface Water Monitoring Plan for review and comment prior to the commencement of construction of the undertaking. The Regional Director may require the proponent to amend the plan.
- 8.2 The proponent shall post the draft Groundwater and Surface Water Monitoring Plan on the proponent's website for the undertaking for a period of thirty days for review and public comment. The proponent shall take any comments received into consideration prior to finalizing the plan. Once finalized, the proponent shall implement the plan.
- 8.3 Any monitoring reports prepared by the proponent in accordance with the Groundwater and Surface Water Monitoring Plan shall be made publicly available on the proponent's website for the undertaking.
- 9. Species at Risk Mitigation, Compensation and Monitoring Plans
- 9.1 The proponent shall develop and implement a Bank Swallow Mitigation, Compensation and Monitoring Plan in consultation with Environment Canada and the Ontario Ministry of Natural Resources prior to the commencement of construction of the undertaking.
- 9.2 The Bank Swallow Mitigation, Compensation and Monitoring Plan shall include measures to mitigate impacts of the undertaking on the species, compensate for unavoidable adverse impacts and detail monitoring requirements.
- 9.3 The proponent shall conduct on-site surveys to determine the presence of Barn Swallow habitat on-site in consultation with the Ontario Ministry of Natural Resources.
- 9.4 Should Barn Swallow habitat be present, the proponent shall comply with the requirements of the Endangered Species Act, 2007.
- 9.5 The proponent shall conduct on-site surveys to determine the presence of Flooded Jellyskin habitat on-site in consultation with the Ontario Ministry of Natural Resources prior to the commencement of construction of the undertaking.
- 9.6 Should the presence of Flooded Jellyskin habitat be present, the proponent shall comply with the requirements of the Endangered Species Act, 2007.
- 10. Property Value Protection Plan
- 10.1 The proponent shall implement the Property Value Protection Plan as described in Appendix D – Community Commitments of the environmental assessment.

10.2	Protection Act Indicate potential im	for future approvals under the Environmental pacts to the value of a property; the proponent shall perties by municipal address in the Property Value owners of the properties.
Dated t	he 16th day of August	2013 at TORONTO.
		Minister of the Environment  77 Wellesley Street West 11th Floor, Ferguson Block Toronto, Ontario M7A 2T5
Арргоче	ed by O.C. No.	
Date O.	C. Approved	

# Attachment 2



Ministry of Consumer and Business Services

Registration Division Companies and Personal Property Security Branch 393 University Ave., Suite 200 Teronto ON M5G 2M2 Ministère des Services : aux consonmateurs et aux entreprises

Division de l'enregistrement Direction des compagnées et des sûretés mobilières 393, av. University, bureau 200 Toronto ON M5G 2M2



January 8, 2004

#### Corporations information Act

#### Your Reporting Regulrements

WASTE MANAGEMENT OF CANADA CORPORATION NICOLA QASEM 20 SIMMONDS DRIVE DARTMOUTH NS B3B 1R3

This is your Ontario Corporation Number (OCN)

#### 1600554

Regulations require that this number is stated in all notices submitted under the Corporations Information Act. This number must be stated in ALL correspondence with the Companies and Personal Property Security Branch.

#### Initial Return

The Corporations Information Act states that every extra-provincial corporation, other than a corporation of a class exempted by the Regulations, that begins to carry on business in Ontario shall file an Initial Return, Form 2, within sixty (60) days after the date the corporation begins to carry on business in Ontario. The Initial Return you have just filed has generated an Ontario Corporation Number and created a file for the public record for your corporation.

#### Notice of Change

In addition to the Initial Return you have recently filed, you are required to file a Notice of Change for every change in the information within 15 days after the change or changes take place. There is no fee for filing these notices.

#### Forms

Forms may be obtained from the Ministry at the above noted address or by calling (416) 314-8880, 1-800-361-3223 or TDB (416) 212-1476. Forms are also available on the Ministry's website at <a href="https://www.cbs.gov.on.ca">www.cbs.gov.on.ca</a>. To access the forms, select the Business Information' option at the top of the Ministry's home page.

#### **3usiness Name**

- (a) No corporation shall carry on business in Ontario or identify itself to the public in Ontario by a name other than its corporation name unless the name is first registered. The appropriate registration form may be obtained from the Companies and Personal Property Security Branch or by calling one of the above noted telephone numbers.
- A corporation which has registered and uses a name other than its corporate name is required to set out its corporate name and all registered business names on all contracts, invoices, negotiable instruments and orders for goods or services.

#### 'enalties

Sections 13 and 14 of the Corporations Information Act provide penalties for contravening the Act or Regulations.

ection 18(1) of the Act provides that a corporation that is in default of a requirement under this Act to file a notice or that has unpaid es or penalties is not capable of maintaining a proceeding in a court in Onlario in respect of the business carried on by the

# Attachment 3



Ministry of the Environment Ministère de l'Environnement

#### **ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER 4117-8EHQE7 Issue Date: February 16, 2012

Waste Management of Canada Corporation

8039 Zion Line Watford, Ontario

N0M 2S0

Site Location: Ottawa Landfill Site

2301 Carp Road, Lots 3 and 4, Concession 3, Huntley Ward

Ottawa City, Ontario

You have applied under section 20.2 of Part II.1 of the <u>Environmental Protection Act</u>, R.S.O. 1990, c. E. 19 (Environmental Protection Act) for approval of:

- one (1) Leachate Pre-treatment System, having a maximum treatment capacity of 205 cubic metres of raw leachate per day, for treatment of raw leachate generated in the lined portion of the landfill, consisting of the following equipment and supporting accessories:
- one (1) outdoor, above-ground, covered and insulated Raw Leachate Equalization Tank, having a maximum storage capacity of 568 cubic metres, exhausting to an activated carbon adsorption system common with the Treated Leachate Equalization Tank described below;
- two (2) raw leachate transfer pumps, one (1) on duty and one (1) on standby, each having a transfer capacity of 28.4 litres per second, to transfer the raw leachate in the Raw Leachate Equalization Tank to the SBR described below;
- one (1) outdoor, above-ground, covered and insulated Sequencing Batch Reactor (SBR), having a capacity of 1,325 cubic metres, to treat the raw leachate biologically and aerobically by aerobic micro-organisms in the reactor. The SBR operates on a 5-phase cycle, 24 hours per cycle basis: Fill, React, Settle, Decant and De-sludge. Aeration to the content in the SBR during the React phase is provided by two (2) aeration blowers, one (1) on duty and one (1) on stand-by, each blower having a maximum aeration rate of 0.6 cubic metre per second. The content of the SBR is mixed by two (2) SBR mixing pumps, one (1) on duty and one (1) on standby, each having a capacity of 251 litres per second at a TDH of 8 metres. After the Settle phase, the treated leachate is decanted to the Treated Leachate Equalization Tank during the Decant phase and a portion of the sludge, if required, is pumped by one (1) waste activated sludge pump having a capacity of 50.5 litres per second at a TDH of 6.4 m to the Sludge Storage Tank during the De-sludge phase. The content of the SBR is heated in winter periods in a boiler/heat exchanger/recirculation pump combination to maintain at a minimum 32 degrees Celsius. The exhausts of the SBR are piped to an activated carbon adsorption system common with the Sludge Storage Tank described below;
- one (1) outdoor, above-ground, covered Treated Leachate Equalization Tank, having a storage capacity of 568 cubic metres, for temporary storage of the treated leachate decanted from the SBR. The treated leachate is periodically pumped to the sanitary sewers for disposal. The Treated Leachate Equalization Tank exhausts to the activated carbon adsorption system common with the Raw Leachate Equalization Tank;
- one (1) outdoor, above-ground, covered Sludge Storage Tank, having a storage capacity of 568 cubic metres, for storage of the waste sludge de-sludged from the SBR. The content in the Sludge Storage Tank is aerated by two (2) aeration blowers, one (1) on duty and one (1) on stand-by, each blower having an aeration rate of 0.26 cubic metre per second. The Sludge Storage Tank exhausts to the activated carbon adsorption system common with the SBR;
- one (1) activated carbon adsorption system, used for the treatment of passive exhausts from the Raw Leachate

Equalization Tank and Treated Leachate Equalization Tank, consisting of about 80 kilograms of coal-based activated carbon impregnated with 5% potassium hydroxide contained in a steel vessel, exhausting into the atmosphere through a stack, having an exit diameter of 0.05 metre, extending 1.5 metres above grade;

- one (1) activated carbon adsorption system, used for the treatment of exhausts from the SBR and the Sludge Storage Tank, consisting of about 668 kilograms of coal-based activated carbon impregnated with 5% potassium hydroxide and 500 kilograms of alumina-based activated carbon impregnated with 8% potassium permanganate contained in a fiber reinforced plastic vessel complete with a mist/grease eliminator at the outlet, exhausting into the atmosphere at a maximum total volumetric flow rate of 0.87 cubic metre per second, through a stack, having an exit diameter of 0.36 metre, extending 3 metres above grade;
- one (1) landfill gas-fired boiler, having a maximum heat input capacity of 2,111,000 kilojoules per hour, in combination with a heat exchanger and a recirculation pump having a capacity of 22 litres per second at a TDH of 9.4 metres, to provide heating to the content of the SBR in winter periods to maintain a minimum 32 degrees Celsius, exhausting into the atmosphere through a stack, having an exit diameter of 0.35 metre, extending 0.6 metre above the roof and 5.4 metres above grade;
- one (1) standby diesel generator set, having a prime rating of 320 kilowatts, to provide power for the Leachate Pretreatment System during emergency situations, exhausting to the atmosphere through a stack having an exit diameter of 0.2 metre, extending 0.1 metre above the roof of the generator enclosure and 3.1 metres above grade;
- supporting accessories as follows:
- one (1) submersible well pump having a capacity of 2.4 litres per second at a TDH of 22 metres complete with level transmitter in the North leachate well,
- replacement of existing South leachate well pump (P-030) with one (1) submersible well pump having a capacity of 2.4 litres per second at a TDH of 22 metres complete with level transmitter,
- two (2) effluent pumps, one (1) on duty and one (1) on standby, each having a capacity of 2.4 litres per second at a TDH of 10 metres pumping the treated leachate from the Treated Leachate Equalization Tank to a final polyethylene effluent tank in the GDT Building before its discharge to the sanitary sewer,
- one (1) sampling pump for raw equalization pump, one (1) sampling pump for the Treated Leachate Equalization Tank and one (1) sampling pump for the SBR, each feeding online monitoring instruments and each having a capacity of 1.4 litres per second at a TDH of 9 metres,
- chemical feed system for the SBR, including one (1) duty and one (1) standby alum metering pumps each having a capacity of 6 litres per hour, one (1) defoamer metering pump having a capacity of 132 litres per hour, one (1) sodium hydroxide metering pump having a capacity of 6 litres per hour, each of the chemical feed pumps has a weight scale and indicator under the chemical storage drums,
- instrumentation equipment, HVAC equipment and various piping and valves, and
- one (1) 22 metres by 17 metres pre-fabricated steel building housing pumps, blowers, boiler, chemical feed system and miscellaneous instruments;

all in accordance with Schedule "A" of this Approval.

For the purpose of this environmental compliance approval, the following definitions apply:

- (1) "Act" means the *Environmental Protection Act*.
- (2) "Approval" means this Environmental Compliance Approval and any Schedules to it, including the application and supporting documentation listed in Schedule "A".
- (3) "Company" means Waste Management of Canada Corporation and its successors and assignees.
- (4) "Director" means any Ministry employee appointed by the Minister pursuant to Section 5 of the Act.
- (5) "District Manager" means the District Manager, Ottawa District Office, Eastern Region of the Ministry.
- (6) "Equipment" means the one (1) leachate pre-treatment system described in the Company's application, this Approval

and in the supporting documentation submitted with the application, to the extent approved by this Approval.

- (7) "Exhausted" means the capacity of the activated carbon to absorb or adsorb contaminant emissions is reached and the activated carbon system is no longer able to effectively reduce emissions.
- (8) "Manual" means a document or a set of documents that provide written instructions to staff of the Company.
- (9) "Ministry" means the Ontario Ministry of the Environment.
- (10) "Start of Operation" means the date when raw leachate is first pumped into the SBR for treatment.

You are hereby notified that this environmental compliance approval is issued to you subject to the terms and conditions outlined below:

#### TERMS AND CONDITIONS

#### **OPERATION AND MAINTENANCE**

- 1. The Company shall ensure that the Equipment is properly operated and maintained at all times. The Company shall:
- (1) prepare, not later than three (3) months after the Start of Operation of the Equipment, and update, as necessary, a Manual outlining the operating procedures and a maintenance program for the Equipment. The Manual shall include, as a minimum, the following:
  - (a) routine operating and maintenance procedures in accordance with good engineering practices and as recommended by the Equipment suppliers;
  - (b) emergency procedures and procedures to prevent upset conditions;
  - (c) procedures to devise and adjust, as necessary, the five (5) phases of the SBR operation cycle, for example the operational times of the phases, procedures and frequency of monitoring to confirm that the design basis of the SBR is met, procedures to determine the frequency of de-sludging from the SBR, etc.
  - (d) procedures to monitor the performance of the activated carbon in the activated carbon adsorption systems and the criteria of the replacement of the activated carbon:
  - (e) procedures to monitor and record the quantity and quality of the landfill gas fed to the boiler, when it is in operation;
  - (f) the operator(s) and the training required and provided by an individual experienced with the Equipment;
  - (g) procedures for any record keeping activities relating to operation and maintenance of the Equipment;
  - (h) all appropriate measures to minimize noise and odorous emissions from all potential sources; and
  - (i) procedures for recording and responding to complaints regarding the operation of the Equipment;
- (2) implement the procedures of the Manual.
- 2. The Company shall not permit the activated carbon in either of the two (2) activated carbon adsorption systems to be Exhausted at any time during the operation of the Equipment.

#### RECORD RETENTION

3. The Company shall retain, for a minimum of two (2) years from the date of their creation, all records and information related to or resulting from the recording activities required by this Approval, and make these records available for review by staff of the Ministry upon request. The Company shall retain:

- (1) all records on the operation, maintenance, repair and inspection of the Equipment;
- (2) all records on the performance monitoring of the Equipment;
- (3) all records on operator(s) training;
- (4) all records of any environmental complaints; including:
  - (a) a description, time and date of each incident to which the complaint relates,
  - (b) wind direction at the time of the incident to which the complaint relates, and
  - (c) a description of the measures taken to address the cause of the incident to which the complaint relates and to prevent a similar occurrence in the future.

#### NOTIFICATION OF COMPLAINTS

- 4. The Company shall notify the District Manager, in writing, of each environmental complaint, received by the Company through the Company's published phone number or email address established for the Facility, within two (2) business days of the complaint. The notification shall include:
- (1) this Approval number;
- (2) a description of the nature of the complaint;
- (3) the time and date of the incident to which the complaint relates;
- (4) a description of the measures taken to address the cause of the incident to which the complaint relates and to prevent a similar occurrence in the future.

The reasons for the imposition of these terms and conditions are as follows:

- 1. Conditions No. 2 and 3 are included to emphasize that the Equipment must be maintained and operated according to a procedure that will result in compliance with the Act, the regulations and this Approval.
- 2. Condition No. 4 is included to require the Company to keep records and to provide information to staff of the Ministry so that compliance with the Act, the regulations and this Approval can be verified.
- 3. Condition No. 5 is included to require the Company to notify staff of the Ministry so as to assist the Ministry with the review of the site's compliance.

#### SCHEDULE "A"

#### **Supporting Documentation**

- 1. Application for Approval (Air & Noise), dated November 2, 2010 and received November 22, 2010 and signed by Ried Cleland, Waste Management of Canada Corporation, and all information and documentation associated with the application.
- 2. Additional information provided by AECOM Canada Ltd. on behalf of Waste Management of Canada Corporation, dated December 10, 2010, April 4, 2011 and September 13, 2011 and signed by Michael Gundry, P.Eng., and contained in the emails sent June 24, 2011, August 30, 2011, September 2, 2011 and October 21, 2011 from Meseret Aniye, P.Eng., AECOM Canada Ltd.
- 3. Information contained in the set of drawings for Project No. 60156478 prepared by AECOM Canada Ltd., dated May 31, 2011 and submitted to Dale Gable, P.Eng., Senior Waste Engineer of the Ministry.

In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me, the Environmental Review Tribunal and in accordance with Section 47 of the Environmental Bill of Rights, 1993, S.O. 1993, c. 28 (Environmental Bill of Rights), the Environmental Commissioner, within 15 days after receipt of this Notice, require a hearing by the Tribunal. The Environmental Commissioner will place notice of your appeal on the Environmental Registry. Section 142 of the Environmental Protection Act provides that the Notice requiring the hearing shall state:

- 1. The portions of the environmental compliance approval or each term or condition in the environmental compliance approval in respect of which the hearing is required, and;
- 2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

*The Notice should also include:* 

- 3. The name of the appellant;
- 4. The address of the appellant;
- 5. The environmental compliance approval number;
- 6. The date of the environmental compliance approval;
- 7. The name of the Director, and;
- 8. The municipality or municipalities within which the project is to be engaged in.

<u>AND</u>

*And the Notice should be signed and dated by the appellant.* 

*This Notice must be served upon:* 

The Secretary\*
Environmental Review Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5

The Environmental Commissioner 1075 Bay Street, Suite 605 Toronto, Ontario M5S 2B1 AND
The Director appointed for the purposes of Part II.1 of the Environmental Protection Act
Ministry of the Environment
2 St. Clair Avenue West, Floor 12A
Toronto, Ontario
M4V 1L5

\* Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 314-4506 or www.ert.gov.on.ca

This instrument is subject to Section 38 of the Environmental Bill of Rights, 1993, that allows residents of Ontario to seek leave to appeal the decision on this instrument. Residents of Ontario may seek leave to appeal within 15 days from the date this decision is placed on the Environmental Registry. By accessing the Environmental Registry at www.ebr.gov.on.ca, you can determine when the leave to appeal period ends.

The above noted activity is approved under s.20.3 of Part II.1 of the Environmental Protection Act.

DATED AT TORONTO this 16th day of February, 2012

Ian Parrott, P.Eng.
Director
appointed for the purposes of Part II.1 of the
Environmental Protection Act

RW/

c: District Manager, MOE Ottawa District Office Michael Gundry, P.Eng., AECOM Canada Ltd

### Attachment 4



Ministry of the Environment Ministère de l'Environnement

#### AMENDED CERTIFICATE OF APPROVAL

AIR

NUMBER 7816-7C9JMR Issue Date: March 7, 2008

Waste Management of Canada Corporation

2301 Carp Road Carp, Ontario K0A 1L0

Site Location: Ottawa Landfill Site

2301 Carp Road Ottawa City, Ontario

You have applied in accordance with Section 9 of the Environmental Protection Act for approval of:

- one (1) enclosed flare system, used to incinerate the landfill gases from a landfill gas collection system at a maximum volumetric gas flow rate of 0.57 standard cubic metre per second. The landfill flare has a maximum heat input of 41.7 gigajoules per hour, exhausting into the atmosphere through a stack, having an exit diameter of 2.1 metres, extending 12.2 metres above grade;
- one (1) enclosed flare system, used to incinerate the landfill gases from an expanded landfill gas collection system at a maximum volumetric gas flow rate of 1.04 standard cubic metres per second based on a methane content of 50 percent by volume. The landfill flare has a maximum heat output of 70.7 gigajoules per hour, exhausting into the atmosphere through a stack, having an exit diameter of 2.7 metres, extending 12.2 metres above grade;
- one (1) landfill gas-to-energy facility, consisting of initially five (5) and up to a maximum of eight (8) reciprocating engine-generator sets, all located inside a Building in the southeast side of the site, firing on landfill gas collected from the site, determined by actual landfill gas collection rate achievable at the site. Each engine-generator set has a power rating of 800 kilowatts and a maximum landfill gas firing rate of 0.19 cubic metre per second, so that when eight (8) engine-generator sets are operating simultaneously, the maximum landfill gas consumption rate is 1.52 standard cubic metres per second. Each engine-generator set exhausts into the atmosphere at a maximum volumetric flow rate of 2.85 actual cubic metres per second at an approximate temperature of 427 degrees Celsius, with its own stack, having an exit diameter of 0.41 metre, extending 5.5 metres above the roof and 13.4 metres above grade. As landfill gas generation and collection decreases, the engine-generator sets will be removed from the site as required;
- one (1) soil bioremediation Biopile process, to treat petroleum hydrocarbon impacted soil received at the site, consisting of:
- two (2) asphalt pads, on each of which petroleum hydrocarbon impacted soil is mixed with Biostimulation Compound and stockpiled, complete with pipes for aeration purpose and water irrigation system, and covered with a semi-permeable membrane,
- one (1) blower to draw air through perforated pipes through the impacted soil piles in order to maintain aerobic bacterial activity inside the biopiles, exhausting to the activated carbon filter described below,
- one (1) activated carbon filter, consisting of one (1) activated carbon vessel, containing 900 kilograms of granular activated carbon, discharging into the atmosphere at a volumetric flow rate of 0.6 cubic metre per second, through a stack, having an exit diameter of 0.3 metre, extending 1.5 metres above grade;
- one (1) exhaust, to serve the gas stripper in the Blower Building used to remove methane and non-methane organic compounds from the wastewater before its discharge to sanitary sewer, discharging into the atmosphere at a volumetric flow rate of 0.42 cubic metre per second, through a stack, having an exit diameter of 0.1 metre, extending 1.2 metres

above grade;

all in accordance with the Application for Approval (Air & Noise) dated March 16, 2006 and signed by Remi Godin, Waste Management of Canada Corporation and the revised Application for Approval (Air & Noise) dated July 10, 2006 and signed by Michael Pullen, Waste Management of Canada Corporation, and all supporting information associated with the applications including additional information provided by Waste Management of Canada Corporation, dated July 18, 2006 and signed by Michael Walters, by Henderson Paddon & Associates Limited on behalf of Waste Management of Canada Corporation, dated September 6, 2006, October 6, 2006, October 23, 2006, October 25, 2006, October 31, 2006, November 6, 2006 and signed by Jeff Armstrong, P.Eng.

For the purpose of this Certificate of Approval and the terms and conditions specified below, the following definitions apply:

- (1) "Acoustical Consultant" means a person currently active in the field of environmental acoustics and noise/vibration control, who is familiar with Ministry noise guidelines and procedures and has a combination of formal university education, training and experience necessary to assess noise emissions from a Facility.
- (2) "Acoustic Audit" means an investigative procedure consisting of measurements and/or acoustic modelling of all sources of noise emissions due to the operation of the Facility, assessed to determine compliance with the performance limits for the Facility regarding noise emissions, completed in accordance with the procedures set in Publication NPC-103 and reported in accordance with Publication NPC-233.
- (3) "Acoustic Audit Report" means a report presenting the results of an Acoustic Audit, prepared in accordance with Publication NPC-233.
- (4) "Act" means the *Environmental Protection Act*.
- (5) "Benzene Limit" means a Point of Impingement (POI) limit of 50 micrograms per cubic metre or any standard set out in Ontario Regulation 419/05 as amended or revoked and replaced from time to time if that standard is stricter than 50 micrograms per cubic metre.
- (6) "Biostimulation Compound" means any chemical amendment, nutrient amendment or pH adjustment chemical used in the Process to enhance bioremediation. In this Certificate, it means the soil amendment as described in the Company's application, this Certificate and in the supporting documentation submitted with the application, to the extent approved by this Certificate.
- (7) "CEM System" means the continuous monitoring and recording system, one for each of the flare system, used to optimize the operation of the flare systems, as described in this Certificate, including Schedule "A", to the extent approved by this Certificate.
- (8) "Certificate" means this Certificate of Approval, including Schedule "A", issued in accordance with Section 9 of the Act.
- (9) "Community Liaison Community" means the community liaison community formed in accordance with Condition 8 in the Notice to Amendment No. 7 to Certificate of Approval A461002 (Waste).
- (10) "Community Representatives" means up to 5 persons as so designated by the Richardson Corridor Community Association, The Stittsville Village Association, NoDump.ca, and Ottawa Landfill Watch.
- (11) "Company" means Waste Management of Canada Corporation and its successors and assignees.
- (12) "Director" means any Ministry employee appointed by the Minister pursuant to Section 5 of the Act.
- (13) "District Manager" means the District Manager, Ottawa District Office, Eastern Region of the Ministry.
- (14) "Equipment" means the two (2) enclosed flare systems and the one (1) landfill gas-to-energy facility described in the Company's application, this Certificate and in the supporting documentation submitted with the application, to the extent

approved by this Certificate.

- (15) "Exhausted" means the capacity of the activated carbon to absorb or adsorb contaminant emissions is reached and the activated carbon system is no longer able to effectively reduce emissions.
- (16) "Facility" means the entire operation located on the property where the Equipment and the Process are located.
- (17) "Independent Acoustical Consultant" means an Acoustical Consultant not representing the Company, and not involved in the noise impact assessment or the design/implementation of noise control measures for the Facility. The Independent Acoustical Consultant shall not be retained by the consultant involved in the noise/vibration impact assessment or the design/implementation of noise/vibration control measures for the Facility.
- (18) "Manager" means the Manager, Technology Standards Section, Standards Development Branch of the Ministry, or any other person who represents and carries out the duties of the Manager, as those duties relate to the conditions of this Certificate.
- (19) "Manual" means a document or a set of documents that provide written instructions to staff of the Company.
- (20) "Ministry" means the Ontario Ministry of the Environment.
- (21) "Pre-Test Information" means the information outlined in Section 1 of the Source Testing Code.
- (22) "Process" means the soil bioremediation process described in the Company's application, this Certificate and in the supporting documentation submitted with the application, to the extent approved by this Certificate.
- (23) "Publication NPC-103" means Publication NPC-103 of the Model Municipal Noise Control By-Law, Final Report, August, 1978, as amended.
- (24) "Publication NPC-205" means Publication NPC-205, Sound Level Limits for Stationary Sources in Class 1 & 2 Areas (Urban), October, 1995.
- (25) "Publication NPC-233" means Publication NPC-233, Information to be Submitted for Approval of Stationary Sources of Sound, October 1995.
- (26) "Source Testing" means sampling and testing to measure the rates of emissions of the contaminants as required under this Certificate from the Landfill Gas to Energy Engines ("engines") and the Soil Bioremediation Process ("process") exhausts under operation conditions which represent maximum operating ranges achievable at the time of the measurements or within the approved operating capacity of the engines or process.
- (27) "Source Testing Code" means the Source Testing Code, Version 2, Report No. ARB-66-80, dated November 1980, prepared by the Ministry, as amended.

You are hereby notified that this approval is issued to you subject to the terms and conditions outlined below:

#### TERMS AND CONDITIONS

#### **PERFORMANCE**

- 1. The Company shall, at all times, ensure that the noise emissions from the Facility comply with the limits determined in accordance with Ministry Publication NPC-205.
- 2. The Company shall operate the two (2) enclosed flare systems in such a manner that a minimum temperature, as recorded by the CEM System, shall be 900 degrees Celsius at a point representing a minimum retention time of 0.75 second, at all times when the landfill gas incineration is in progress.

#### **OPERATION AND MAINTENANCE**

- 3. The Company shall ensure that the Equipment, including the CEM System, and the Process are properly operated and maintained at all times. The Company shall:
- (1) prepare, not later than three (3) months after the date of this Certificate, a Manual outlining the operating procedures and a maintenance program for the two (2) enclosed flare systems. These operating procedures and the maintenance program in the Manual shall be updated as necessary. The Manual shall also be updated within three (3) months after the Process or the landfill gas-to-energy facility commences operation to outline the operating procedures and maintenance programs for the Process or the landfill gas-to-energy facility. The Manual shall include, as a minimum, the following:
  - (a) routine operating and maintenance procedures in accordance with good engineering practices and as recommended by the Equipment and the CEM System suppliers;
  - (b) the calibration procedures of the CEM System;
  - (c) frequency of inspections and scheduled preventative maintenance of the Process, including the procedures to monitor the performance of the activated carbon filter to determine the frequency of replacement of the activated carbon;
  - (d) procedures to determine, monitor and record the operation of the landfill gas-to-energy facility, for example the volumetric flow rate of landfill gas to the engine-generator sets when they are in operation, the electricity produced by the engine-generator sets, and the temperature and volumetric flow rate of the exhaust from the engine-generator sets;
  - (e) emergency procedures and procedures to prevent upset conditions;
  - (f) procedures to record the amount of Biostimulation Compound used each time in the Process;
  - (g) procedures to monitor the progress of bioremediation and the effectiveness of the Process;
  - (h) the operator training which is to be provided by an individual experienced with the Equipment and the Process;
  - (i) procedures for any record keeping activities relating to operation and maintenance of the Equipment and the Process;
  - (j) all appropriate measures to minimize noise, dust and odorous emissions from all potential sources;
  - (k) the procedures for recording and responding to complaints regarding the operation of the Equipment and the Process;
- (2) implement the procedures of the Manual.

#### **MONITORING**

- 4. (1) The Company shall develop a monitoring program that monitors the parameters outlined in clauses (2) to (6) below to indicate whether discharges from the landfill gas engines and the soil bioremediation process facility are such that the cumulative impact of all discharges from the landfill are within acceptable limits, consistent with the requirements of Ontario Regulation 419/05 and the benzene limit.
- (2) The Company shall continuously monitor temperatures from each of the engine exhausts.
- (3) The Company shall continuously monitor the total amount of landfill gas flowing to the engines.
- (4) The Company shall continuously monitor the methane content of the landfill gas going to the engines.
- (5) The Company shall continuously monitor the volumetric exhaust rate from each engine.
- (6) The Company shall monitor the exhaust from the soil remediation facility with a hand-held photo-ionization detector at

least once every three (3) days. When the levels within the exhaust show levels of 50 parts per million (as hexane), the activated carbon media will be changed. The Company shall also ensure that the activated carbon in the activated carbon canisters is replaced before it is Exhausted.

- (7) The Company shall commence the monitoring program at the same time as the first engine commences operation or the soil remediation facility commences, whichever occurs first.
- (8) The Company shall maintain a log of all data generated by the monitoring program and provide the data to a Ministry provincial officer upon request.
- (9) In the event that results obtained from the monitoring program indicate that operational parameters from the engines regularly exceed normal conditions, suggesting that landfill site emissions may exceed either the regulatory POI limits prescribed by Ontario Regulation 419/05 or the Benzene Limit, the Company shall immediately retain qualified consultants to carry out an assessment of the engine emissions and carry out ambient air testing if necessary. If it is confirmed that an exceedance of the regulatory POI limits prescribed by Ontario Regulation 419/05 or the Benzene Limit has probably occurred, the Company shall notify the Director.

#### RECORD RETENTION

- 5. The Company shall retain, for a minimum of two (2) years from the date of their creation, all records and information related to or resulting from the recording activities required by this Certificate, and make these records available for review by staff of the Ministry upon request. The Company shall retain:
- (1) all records on the maintenance, repair and inspection of the Equipment and the CEM System;
- (2) all records on the inspection, maintenance and monitoring activities of the Process;
- (3) all records produced by the CEM System;
- (4) all records on operator training;
- (5) all records on the operation of the landfill gas-to-energy facility, including the volumetric flow rate of landfill gas to the engine-generator sets when they are in operation, the schedule on start-up and shut-down of each engine-generator set, the electricity produced by the engine-generator sets, and the temperature and volumetric flow rate of the exhaust from the engine-generator sets;
- (6) all records of any environmental complaints; including:
  - (a) a description, time and date of each incident to which the complaint relates,
  - (b) wind direction at the time of the incident to which the complaint relates, and
  - (c) a description of the measures taken to address the cause of the incident to which the complaint relates and to prevent a similar occurrence in the future.

#### **NOTIFICATION OF COMPLAINTS**

- 6. The Company shall notify the District Manager, in writing, of each environmental complaint, received by the Company through the Company's published phone number or email address established for the Facility, within two (2) business days of the complaint. The notification shall include:
- (1) this Certificate number;
- (2) a description of the nature of the complaint;
- (3) the time and date of the incident to which the complaint relates;
- (4) a description of the measures taken to address the cause of the incident to which the complaint relates and to prevent a

similar occurrence in the future.

#### REPORTING

- 7. The Company shall prepare and submit to the District Manager a report, either quarterly or at a frequency directed by the District Manager, within thirty (30) working days after the end of that reporting period, on the operation of the Facility and the environmental complaints received by the Company in that reporting period. The report shall include, as a minimum, the following:
- (1) an executive summary,
- (2) a summary of the environmental complaints received by the Company or referred to the Company by the Ministry within the period and details of each of these complaints,
- (3) a summary of the monitoring data collected as required by Condition 4 above and an analysis of any trends demonstrated by the data; and
- (4) copy of the records retained under Condition 5 above.

#### **ACOUSTIC AUDIT**

- 8. The Company shall carry out acoustic audit measurements on the actual noise emissions due to the operation of the Facility. The Company shall:
- (1) carry out acoustic audit measurements in accordance with the procedures in Publication NPC-103;
- (2) 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, to the District Manager and the Director not later than three (3) months after the date of this Certificate or commencement of operation of the Facility.
- 9. The Director:
- (1) may not accept the results of the Acoustic Audit if the requirements of Publication NPC-233 were not followed;
- (2) may require the Company to repeat the Acoustic Audit if the results of the Acoustic Audit are found unacceptable to the Director.

#### SOURCE TESTING

- 10. (1) The Company shall perform Source Testing as described in clauses (2) to (8) below in the following exhaust stacks:
  - (a) 8 Landfill Gas to Energy Engines ("engines")

The first installed engine will be deemed as representative of all the 8 engines provided that all the engines installed are new and are of the same make and model. The source testing shall comply with a test protocol accepted by the Manager and will include: testing for oxides of nitrogen, sulphur dioxide, total hydrocarbons, volatile organic compounds (including benzene) and dioxins/furans. In addition, normal exhaust flow measurements will be made. All of the continuously monitored operational parameters listed in Condition 4 above will be recorded during the stack testing.

(b) Soil Bioremediation Process ("process")

The source testing for the soil remediation process shall comply with a test protocol accepted by the Manager and will examine emissions of volatile organic compounds (including benzene) from the exhaust from the activated carbon canisters. Flow rate measurements will also be taken from the exhaust.

- (2) The Company shall submit a test protocol, including the Pre-Test Information for the Source Testing required by the Source Testing Code to the Manager no later than three (3) months before commencing operation of the first engine and the process. The Company shall finalize the test protocol in consultation with the Manager.
- (3) The Company shall not commence the Source Testing until the Manager has accepted the test protocol.
- (4) The Company shall complete the Source Testing no later than three (3) months after start of the operation of the engines, or no later than three (3) months after the Manager has accepted the test protocol, whichever occurs later.
- (5) The Company shall notify the District Manager, the Manager and the Community Liaison Committee in writing of the location, date and time of any impending Source Testing required by this Certificate, at least fifteen (15) working days prior to the Source Testing. The Company shall seek to coordinate an ambient air testing event as required by Condition 3 in Notice of Amendment No. 7 to Certificate of Approval A461002 (Waste) on the same day as the point source testing is carried out.
- (6) The Company shall submit a report on the Source Testing to the Director, District Manager, the Manager, and the Community Representatives not later than two (2) months after completing the Source Testing. The report shall be in the format described in the Source Testing Code, and shall also include:
  - (a) An executive summary;
  - (b) Records of all operating conditions;
  - (c) An analysis of how the parameters monitored under the monitoring program set out in Condition 4 correlate to the dischargers from the engines and the process;
  - (d) Results of all calculations;
  - (e) An updated ESDM Report using the results of Source Testing accordingly.
- (7) The Director may not accept the results of the Source Testing if:
  - (a) The Source Testing Code or the requirements of the Manager were not followed; or
  - (b) The Company did not notify the District Manager and the Manager of the Source Testing; or
  - (c) The Company failed to provide a complete report on the Source Testing as per the accepted testing protocol.
- (8) If the Director does not accept the results of the Source Testing, the Director may require re-testing.

#### Schedule "A"

#### **PARAMETER:** Temperature

#### LOCATION:

The sample point for the Continuous Temperature Monitor shall be located in the combustion chamber where the minimum retention time of the combustion gases at a minimum temperature of 900 degrees Celsius for at least 0.75 second is achieved.

#### **PERFORMANCE:**

The Continuous Temperature Monitor shall meet the following minimum performance specifications for the following parameters.

#### PARAMETER SPECIFICATION

- 1. Type: shielded "K" type thermocouple or equivalent
- 2. Accuracy:  $\pm$  1.5 percent of the minimum gas temperature

#### RECORDER:

The recorder must be capable of registering continuously the measurement of the monitor without a significant loss of accuracy and with a time resolution of 5 minutes or better.

# **RELIABILITY:**

The monitor shall be operated and maintained so that accurate data is obtained during a minimum of 90 percent of the time, on a monthly basis, when the enclosed flare systems are in operation.

*The reasons for the imposition of these terms and conditions are as follows:* 

- 1. Conditions No. 1 and 2 are included to provide the minimum performance requirements considered necessary to prevent an adverse effect resulting from the operation of the Facility.
- 2. Conditions No. 3 and 4 are included to emphasize that the Equipment and the Process must be maintained and operated according to a procedure that will result in compliance with the Act, the regulations and this Certificate.
- 3. Condition No. 5 is included to require the Company to keep records and to provide information to staff of the Ministry so that compliance with the Act, the regulations and this Certificate can be verified.
- 4. Condition No. 6 is included to require the Company to notify staff of the Ministry so as to assist the Ministry with the review of the site's compliance.
- 5. Condition No. 7 is included to require the Company to prepare and submit records to provide information to the Ministry so that the environmental impact and subsequent compliance with the Act, the regulations and this Certificate can be verified.
- 6. Conditions No. 8 and 10 are included to require the Company to gather accurate information so that the environmental impact and subsequent compliance with the Act, the regulations and this Certificate can be verified.
- 7. Condition No. 9 is included to ensure that the Acoustic Audit is carried out in accordance with procedures set in the Ministry's Noise Guidelines and verifies compliance with Condition No. 1.

This Certificate of Approval revokes and replaces Certificate(s) of Approval No. 8-4076-99-006 and 0741-6S9NPE issued on December 17, 1999 and November 28, 2006 respectively.

In accordance with Section 139 of the <u>Environmental Protection Act</u>, R.S.O. 1990, Chapter E-19, as amended, you may by written notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 142 of the <u>Environmental Protection Act</u>, provides that the Notice requiring the hearing shall state:

- 1. The portions of the approval or each term or condition in the approval in respect of which the hearing is required, and;
- 2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

*The Notice should also include:* 

- 3. The name of the appellant;
- 4. The address of the appellant;
- 5. The Certificate of Approval number;
- 6. The date of the Certificate of Approval;
- 7. The name of the Director;
- 8. The municipality within which the works are located;

*And the Notice should be signed and dated by the appellant.* 

This Notice must be served upon:

The Secretary\* Environmental Review Tribunal 655 Bay Street, 15th Floor Toronto, Ontario M5G 1E5 <u>AND</u>

The Director Section 9, Environmental Protection Act Ministry of the Environment 2 St. Clair Avenue West, Floor 12A Toronto, Ontario M4V 1L5

\* Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 314-4600, Fax: (416) 314-4506 or www.ert.gov.on.ca

The above noted works are approved under Section 9 of the Environmental Protection Act.

DATED AT TORONTO this 7th day of March, 2008

Victor Low, P.Eng. Director Section 9, *Environmental Protection Act* 

RW/

c: District Manager, MOE Ottawa District Office



Ministry of the Environment Ministère de l'Environnement

# AMENDMENT TO ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 7816-7C9JMR Notice No. 2

Issue Date: March 5, 2012

Waste Management of Canada Corporation

2301 Carp Rd Ottawa, Ontario K0A 11.0

Site Location: Ottawa Landfill Site

2301 Carp Rd Lots 3 and 4, Concession 3, Huntley Ward

Ottawa City,

You are hereby notified that I have amended Approval No. 7816-7C9JMR issued on March 7, 2008 for for flare systems, landfill gas-to-energy facility and soil bioremediation process, as follows:

# The following Definition is added:

(28) "Publication NPC-232" means Ministry Publication NPC-232 "Sound Level Limits for Stationary Sources in Class 3 Areas (Rural)", October 1995, as amended.

# The following Condition:

1. The Company shall, at all times, ensure that the noise emissions from the Facility comply with the limits determined in accordance with Ministry Publication NPC-205.

# is revoked and replaced by the following:

1. The Company shall, at all times, ensure that the noise emissions from the Facility comply with the limits determined in accordance with Ministry Publication NPC-205 and/or NPC-232, as applicable.

# The following Conditions are revoked:

# ACOUSTIC AUDIT

- 8.1 The Company shall carry out acoustic audit measurements on the actual noise emissions due to the operation of the Facility. The Company shall:
- (a) carry out acoustic audit measurements in accordance with the procedures in Publication NPC-103;
- (b) 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, to the District Manager and the Director not later than three (3) months after the date of this Notice or commencement of operation of the Facility.
- 8.2 If the Acoustic Audit Report indicates that the Facility is not in compliance with the noise limits stated in Ministry Publication NPC-205 or Publication NPC-232, whichever is applicable, then the Company shall submit a new application for a Certificate of Approval containing a Noise Abatement Action Plan.

The Noise Abatement Action Plan shall include a detailed timetable of scheduled mitigating measures, with the objective to ensure that the noise emissions from the Facility comply with limits in Publication NPC-205 or Publication NPC-232, whichever is applicable. The Noise Abatement Action Plan shall also be based upon the objective to complete the implementation of the required mitigating measures by a date not exceeding twelve (12) months after the date noted on this Notice.

- 9 The Director:
- (1) may not accept the results of the Acoustic Audit if the requirements of Publication NPC-233 were not followed;
- (2) may require the Company to repeat the Acoustic Audit if the results of the Acoustic Audit are found unacceptable to the Director

### All other Terms and Conditions remain the same.

The reason for this amendment to the Certificate of Approval is to address information provided in the Acoustic Audit Report dated July 16, 2010 and signed by Arjun Tandalam, Marcus Li, Colin Welburn and John DeYoe, RWDI Air Inc.

# This Notice shall constitute part of the approval issued under Approval No. 7816-7C9JMR dated March 7, 2008.

In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 142 of the Environmental Protection Act provides that the Notice requiring the hearing shall state:

- 1. The portions of the environmental compliance approval or each term or condition in the environmental compliance approval in respect of which the hearing is required, and;
- 2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

Pursuant to subsection 139(3) of the Environmental Protection Act, a hearing may not be required with respect to any terms and conditions in this environmental compliance approval, if the terms and conditions are substantially the same as those contained in an approval that is amended or revoked by this environmental compliance approval.

The Notice should also include:

- 3. The name of the appellant;
- 4. The address of the appellant;
- 5. The environmental compliance approval number;
- 6. The date of the environmental compliance approval;
- 7. The name of the Director, and;
- 8. The municipality or municipalities within which the project is to be engaged in.

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

The Secretary\*
Environmental Review Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5

AND

The Director appointed for the purposes of Part II.1 of the Environmental Protection Act Ministry of the Environment 2 St. Clair Avenue West, Floor 12A Toronto, Ontario M4V 1L5

\* Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 314-4506 or www.ert.gov.on.ca

The above noted activity is approved under s.20.3 of Part II.1 of the Environmental Protection Act.

DATED AT TORONTO this 5th day of March, 2012

Ian Greason, P.Eng.
Director
appointed for the purposes of Part II.1 of the
Environmental Protection Act

DZ/ c: District Manager, MOE Ottawa Arjun Tandalam, RWDI Inc.

# Attachment 5



Ministry of the Environment Ministère de l'Environnement

# **CERTIFICATE OF APPROVAL**

AIR

NUMBER 7025-7F4PN5 Issue Date: October 1, 2008

Waste Management of Canada Corporation

117 Wentworth Court Brampton, Ontario

L6T 5L4

Site Location: Ottawa Landfill Site

2301 Carp Road Ottawa City, Ontario

You have applied in accordance with Section 9 of the Environmental Protection Act for approval of:

- one (1) open candlestick flare, used as a contingent back-up in the landfill site, combusting up to a maximum of 1.0 cubic metre per second of landfill gas, exhausting into the atmosphere through a stack, having an exit diameter of 0.2 metre, extending 10.4 metres above grade;

all in accordance with the Application for Approval (Air & Noise), dated April 23, 2008 and signed by Michael Pullen, P.Eng., Waste Management of Canada Corporation, and all information associated with the application including additional information provided by Henderson Paddon & Associates Limited on behalf of Waste Management of Canada Corporation in the form of a revised Emission Summary and Dispersion Modeling (ESDM) Report dated August 2008 and co-signed by Jeff Armstrong, P.Eng. and Jeni Spencer.

For the purpose of this Certificate of Approval and the terms and conditions specified below, the following definitions apply:

- 1. "Act" means the Environmental Protection Act.
- 2. "Certificate" means this Certificate of Approval, issued in accordance with Section 9 of the Act.
- 3. "Company" means Waste Management of Canada Corporation.
- 4. "Equipment" means the one (1) open candlestick flare described in the Company's application, this Certificate and in the supporting documentation submitted with the application, to the extent approved by this Certificate.
- 5. "Manual" means a document or a set of documents that provide written instructions to staff of the Company.
- 6. "Ministry" means the Ontario Ministry of the Environment.
- 7. "Publication NPC-205" means Ministry Publication NPC-205 "Sound level Limits for Stationary Sources in Class 1 & 2 Areas (Urban)", October 1995.
- 8. "Publication NPC-232" means Ministry Publication NPC-232 "Sound Level Limits for Stationary Sources in Class 3 Areas (Rural)", October 1995.

You are hereby notified that this approval is issued to you subject to the terms and conditions outlined below:

# TERMS AND CONDITIONS

- 1. The Company shall ensure that the Equipment is properly operated and maintained when it is in operation. The Company shall:
- (1) prepare, not later than three (3) months after the date of this Certificate, and update, as necessary, a Manual outlining the operating procedures and a maintenance program for the Equipment, including:
  - (a) routine operating and maintenance procedures in accordance with good engineering practices and as recommended by the Equipment suppliers;
  - (b) emergency procedures;
  - (c) criteria when the Equipment shall be operated;
  - (d) procedures to record the dates and times when the Equipment is operated, and the quantity of landfill gas combusted when the Equipment is operated, together with the operational status and details of other landfill gas combustion devices in the site at those times when the Equipment is operated;
  - (e) procedures for any record keeping activities relating to operation and maintenance of the Equipment; and
  - (f) all appropriate measures to minimize noise and odorous emissions from all potential sources;
- (2) implement the recommendations, procedures and measures of the Manual; and
- (3) retain, for a minimum of two (2) years from the date of their creation, all records on the maintenance, repair and inspection of the Equipment, and make these records available for review by staff of the Ministry upon request.
- 2. The Company shall ensure that the noise emissions from the Equipment comply with the limits set in Publication NPC-205 or Publication NPC-232, where applicable.

*The reasons for the imposition of these terms and conditions are as follows:* 

1. Condition No. 1 is included to emphasize that the Equipment must be maintained and operated according to a procedure that will result in compliance with the Act, the regulations and this Certificate.

In addition, the Company is required to keep records and to provide information to staff of the Ministry so that compliance with the Act, the regulations and this Certificate can be verified.

2. Condition No. 2 is included to provide minimum performance requirements considered necessary to prevent an adverse effect resulting from the operation of the Equipment.

In accordance with Section 139 of the Environmental Protection Act, R.S.O. 1990, Chapter E-19, as amended, you may by written Notice served upon me, the Environmental Review Tribunal and in accordance with Section 47 of the Environmental Bill of Rights, S.O. 1993, Chapter 28, the Environmental Commissioner, within 15 days after receipt of this Notice, require a hearing by the Tribunal. The Environmental Commissioner will place notice of your appeal on the Environmental Registry. Section 142 of the Environmental Protection Act, provides that the Notice requiring the hearing shall state:

- 1. The portions of the approval or each term or condition in the approval in respect of which the hearing is required, and;
- 2. The grounds on which you intend to rely at the hearing in relation to <u>each</u> portion appealed.

*The Notice should also include:* 

- 3. The name of the appellant;
- 4. The address of the appellant;
- 5. The Certificate of Approval number;

- 6. The date of the Certificate of Approval;
- 7. The name of the Director;
- 8. The municipality within which the works are located;

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

The Secretary\*
Environmental Review Tribunal
655 Bay Street, 15th Floor
Toronto, Ontario
M5G 1E5

<u>AND</u>

The Environmental Commissioner 1075 Bay Street, 6th Floor Suite 605 Toronto, Ontario M5S 2B1 AND

The Director Section 9, Environmental Protection Act Ministry of the Environment 2 St. Clair Avenue West, Floor 12A Toronto, Ontario M4V 1L5

\* Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 314-4600, Fax: (416) 314-4506 or www.ert.gov.on.ca

This instrument is subject to Section 38 of the <u>Environmental Bill of Rights</u>, that allows residents of Ontario to seek leave to appeal the decision on this instrument. Residents of Ontario may seek leave to appeal within 15 days from the date this decision is placed on the Environmental Registry. By accessing the Environmental Registry at www.ene.gov.on.ca, you can determine when the leave to appeal period ends.

The above noted works are approved under Section 9 of the Environmental Protection Act.

DATED AT TORONTO this 1st day of October, 2008

Victor Low, P.Eng. Director Section 9, *Environmental Protection Act* 

RW/

c: District Manager, MOE Ottawa District Office Jeffrey E. Armstrong, P.Eng., Henderson Paddon & Associates Limited

# Attachment 6

Ministry of the Ministère

de

Environment

l'Environnement



# REQUEST UNDER s. 20(4) TO HAVE THE SCHEDULE 3 STANDARDS APPLY IN ADVANCE OF THE DATE REQUIRED BY REGULATION 419/05

# **General Information**

Information requested in this form is collected under the authority of the Environmental Protection Act, R.S.O. 1990 (EPA) and the Environmental Bill of Rights, C. 28, Statutes of Ontario, 1993, (EBR) and will be used to evaluate requests to have the Schedule 3 Standards of Air Pollution – Local Air Quality Regulation (O. Reg. 419/05) in advance of the date required by the regulation. INCOMPLETE FORMS WILL BE RETURNED TO THE APPLICANT. Even if the form is accepted as complete the Ministry of the Environment may request additional information during the review of this request.

- Questions regarding completion and submission of this request should be directed to the Environmental Assessment and Approvals Branch (EAAB) of the
  Ministry of the Environment at the address below or to the local Ministry of the Environment (MOE) District Office which has jurisdiction over the area in which
  the facility is located. A list of these District Offices is available on the Ministry of the Environment Internet site at
  <a href="http://www.ene.gov.on.ca/envision/org/op.htm#Reg/Dist">http://www.ene.gov.on.ca/envision/org/op.htm#Reg/Dist</a>.
- 2. Two copies of this form must be submitted to the Ministry of the Environment. The original should be sent to:

Ministry of the Environment,
Director, O.Reg. 419/05 s.20(4),
Environmental Assessment and Approvals Branch
2 St. Clair Avenue West, Floor 12A
Toronto, Ontario, M4V 1L5
Phone: 416-314-8001

Phone: 416-314-8001 Toll Free: 1-800-461-6290 Email: <u>EAABGen@ene.gov.on.ca</u>

A copy of this form should be sent to the local District Office which has jurisdiction over the area where the facility is located.

3. Information contained in this application form is not considered confidential and will be made available to the public upon request. Information submitted as supporting information may be claimed as confidential but will be subject to the Freedom of Information and Protection of Privacy Act (FOIPPA) and the EBR. If you do not claim confidentiality at the time of submitting the information, the Ministry of the Environment may make the information available to the public without further notice to you.

# Instructions

This form should be used to request to have Schedule 3 standards from O. Reg. 419/05 apply in advance of the date required by the regulation and should be accompanied by a description of the circumstances surrounding this request. In accordance with s.20(4) a person who discharges or causes or permits the discharge of a contaminant from a property may request the Director to consider issuing a written notice under s. 20(4) requiring that s.20 apply to the facility on a date specified in the notice. This request may be made for all of the contaminants at the facility or for specified contaminants.

The Director will not consider a request under s. 20(4) unless the person making the request provides the concentration at point of impingement using an approved dispersion model acceptable under s. 20 for the contaminants that are the subject of this request. This information should be summarized on the table included in this form or indicated in an application for a Certificate of Approval.

If the request is limited to specific contaminants (the request is not for all contaminants at a facility) then the person making the request must also include the concentration at point of impingement using an approved dispersion model acceptable under s. 20 for all contaminants that are not included in the request but are associated with the contaminants that are the subject of the request. For example, if the request is for only particulate, and metals or semi-volatile contaminants are associated with the particulate, then the concentration at point of impingement for the associated metals or semi-volatile contaminants should also be provided on the table included in this form.

Note - your compliance limit remains Schedule 1 or 2 (whichever applies) until a date specified in the Notice.

### Regulatory Authority

Section 20(4) The Director may give a person who discharges or causes or permits discharges of contaminants from a facility notice requiring the person to comply with this section, beginning on a date specified in the notice that is not later than January 31, 2020, if the notice is requested in writing by the person.

Section 20(6) A notice or order under subsection (4) or (5) applies in respect of all contaminants unless the notice or order provides that it applies only in respect of contaminants specified in the notice or order.

	uestor Information				
100			or organization as evidenced by le	egal documents)	Business Identification Number
Wa	ste Mangemer	nt of Ca	anada Corporation		876294844
The second second		der which th	e entity is operating or trading if dif	fferent from the Applicant Name - also referred to as trade name)	
WN	1				
Reque	estor Type:			North American Industry Classification System (NAICS)	Code
$\times$	Corporation		Federal Government	562210	
	Individual		Municipal Government		5/
	Partnership		Provincial Government		
	Sole Proprietor		Other (describe):		
Busine	ess Activity Description (a	a narrative o	description of the business endeav	our, this may include products sold, services provided or machine	ery/equipment used, etc.)
Wa	ste Disposal S	ite			

2. Project Technical Information Con	tact					
Wayne Jenken			Company -			
Civic Address - Street information (address II 2301 Carp Road	hat has civic numbering and street infor	rmation includes s	treet number, name, typ	oe and direction)	Unit Identifie	er (i.e. suite or apartment number)
Delivery Designator: If signing authority mailing address is a Rura	al Pouta Suburban Sanica Mahi	ila Pouta or Ga	neral Delivery (i.e. P	D#3)		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	Postal Station	Province/Sta		Country	1	Postal Code
Ottawa		ON		Canada	1	(0A 1L0
Telephone Number (including area code & e	extension) Fax Number (in	cluding area co	ode)	E-mail Addre	ess	
519-849-5810				wjenke	n@wm.c	om
Ontario Regulation 419/05 Informa     Does this request apply to all contaminar		ed table for all	applicable contamina	ants)		-
Yes No						
2. How does the applied for change affect y		747				
Remain Compliant	Remain Non-Complaint					
Move Into Compliance  3. a) Which section of O. Reg. 419/05 curre	Move Into Non-Compliar		is notice, when woul	d O. Reg. 419/05 requir	e s. 20 (Sched	ule 3) standards apply to your
s.18 (Schedule 1)	s. 19 (Schedule 2)		/mm/yyyy)? 01/0			
4. Is this form submitted with an Application	for Certificate of Approval under	Section 9 of th	e EPA?			
	lication dependant on granting	of notice?	Y	es 🗙 No		
No  5. Does this application relate to an Applica	tion for Certificate of Approval un	der Section 9 c	of the EPA that has a	Iready been made to the	e Ministry of th	e Environment or an existing
Certificate of Approval?						
Yes if yes, please pro	ovide the application reference	number or cu	rrent Certificate of	Approval Number:		2
Will this change affect any limits or condition	tions in your existing Certificate(s	) of Approval u	nder Section 9 of the	EPA?		
	ovide additional supporting info	ormation:				
X No						
7. Is your facility currently subject to an app					□ No	
Yes if yes, have you	discussed this change with MC	E District Offi	ce representatives	r 📙 les	Ц мо	
8. Has a request for approval for an alteration	on of a Schedule 3 standard unde	er s. 32 of O. R	eg. 419/05 been ma	de for this facility?		
Yes if yes, please att	ach a copy of ministry acknowl	ledgement lett	er (if available) or a	in overview of the requ	iest	
≥ No	272220i					
4. Statement of Requestor						
I, the undersigned hereby declare that, to						
The information contained herein and the providing false information as per s.184			ation is complete an	d accurate in every way	and I am awa	re of the penalties against
The Project Technical Information Cont standards of O. Reg. 419/05 apply in an			ed to act on my beha	alf for the purpose of obt	taining a notice	to have the Schedule 3
I have used the most recent request for Environmental Assessment and Approv	rm (as obtained from the Ministry	of the Environr	ment Internet site at	http://www.ene.gov.on.c	a/envision/gp/i	ndex.htm#PartAir or the
Name of Signing Authority (please print)	vais Branch at 1-000-40 1-0250) a	Charles Andrews	Title	offination required by O.	. Nog. 410/00 c	ind dentined on this form.
Wayne Jenken			Landfill Eng	gineer		
Telephone Number (including area code & ex 519-849-5810	xtension) Fax Number	(including area	code)	E-mail Addre	n@wm.c	com
Signature	l l	1	Date (dd/mm/yyyy)	430,2		
10,0	HILUDOSHARI MARKATAN AND AND AND AND AND AND AND AND AND A	estantiam nepronenti	Ju	19 10, 2	0/7	and the Annual Commission of the September 1
Address Information :  Civic Address - Street Information (address that	at has civic numbering and street inform	nation includes str	reet number, name, type	and direction)	Unit Identifie	er (i.e. suite or apartment number)
2301 Carp Road	5		×2			the state of the s
Delivery Designator: If signing authority mailing address is a Rural	Route, Suburban Service, Mobile	e Route or Gen	eral Delivery (i.e., RR	#3)		
Municipality	Postal Station		Province/State	Country		Postal Code
Ottawa			ON	Canada		K0A 1L0

# Contaminants Requested Under Section 20(4)

	For Office Use Only	
Reference #	Reviewer	Contact #

# Instructions

Please complete the following table providing the concentration at point of impingement using an approved dispersion model acceptable under the current section of O. Reg. 419/05 that applies to your facility as well as s. 20 for the contaminants that are the subject of this request.

If the request is limited to specific contaminants discharged from the facility (the request is not for all contaminants at a facility) then please include the concentration at point of impingement using an approved dispersion model for all contaminants that are not included in the request but are associated with the contaminants that are the subject of the request. For example, if the request is for only particulate, and metals or semi-volatile contaminants are associated with the particulate they should also be provided on the table. Indicate with a check mark on the left hand column which contaminants are subject of the request or leave the column black if all contaminants are subject.

If you are applying for a Certificate of Approval for a facility under Section 9 of the EPA and this request is accompanying the application for approval, information regarding compliance with s. 18 or s. 19 compliance is not necessary (information may be included with the application for a Certificate of Approval)

Site Information					20				
Site Name			NAICS Code						
West Carleton Environmental Centre	ental Centre	u)	562210		Notes for Table.				
Site Address				34	Notes for Table.				
2301 Carp Road					a) Proper Chem	ical Name should b	be given (Abbrevia	Proper Chemical Name should be given (Abbreviations, acronyms, numeric codes,	meric codes,
County / District		Postal Code	ope		D) CAS Number	and mixtures NOT Chemical Abstra	ACCEP (ABLE). cts Services Numb	trade names and mixtures NOT ACCEPTABLE). CAS Number: Chemical Abstracts Services Number (UNIOUE Identifier for a	er for a
Ottawa		KOA 1L0	0						5
District Office					c) POI Concentr	POI Concentration: Point of Impingement Concentration	oingement Concen	ıtration	
Ottawa District Office									
Do you require more space than offered in the table below?	than offered in the	table below?	Is this requ	uest being submitted	Is this request being submitted with an application for a Certificate of Approval (s.9) that includes an ESDM Report?	ertificate of Appr	oval (s.9) that inc	cludes an ESDM Re	port?
Yes If yes, please	If yes, please attach a separate table	table	×	Yes If yes, the tabl	If yes, the table below does not need to be completed	be completed			
on ×		¥i		No					
		Total		CircoiOrio	Maximum POI (e)	Averaging	MOE POI		Percentage
Contaminant (a)	CAS (b) Number	Facility Emission Rate (g/s)	Schedule	Model Used (if Sch. 3 please specify)	Concentration (µg/m³)	Period (hours)	Limit (µg/m³)	Limiting Effect	of MOE POI
_		-	$\square$ 1 $\square$ 2	O. Reg. 346		-			
-			(C)						
C				O. Reg. 346					
7		w,	.3						
c				O. Reg. 346					
2			3						
				O. Reg. 346					
<b>4</b>			3						
Ц			$\square$ 1 $\square$ 2	O .Reg. 346					
2			3						
4			$\square$ 1 $\square$ 2	O. Reg.346					
0			3						

Contaminant <sup>(a)</sup>	CAS (b) Number	Total Facility Emission Rate (g/s)	Schedule	Air Dispersion Model Used (if Sch. 3 please specify)	Maximum POI <sup>(c)</sup> Concentration (µg/m³)	Averaging Period (hours)	MOE POI Limit (µg/m³)	Limiting Effect	Percentage of MOE POI Limit
o			3	O. Reg. 346					
10			3	O. Reg. 346					
11			0 1 0 2	O. Reg. 346					
12			3	O. Reg. 346					
13		No x	3	O. Reg. 346					
14			3	O. Reg. 346					
15			3	O. Reg. 346					
16			3	O. Reg. 346					
17			3	O. Reg. 346					
18			3	O. Reg. 346					
19			3	O. Reg. 346					
20			3	O. Reg. 346					
21			3	O. Reg. 346					
22			3	O. Reg. 346					
23			3	O. Reg. 346					
24			STREET, STREET,	O. Reg. 346					
25		2	3	O. Reg. 346					

Last Revised: January 24, 2006

Page 4 of 3

# Attachment 7

Supporting Information for a Maximum Ground Level Concentration Acceptability Request for Compounds with No Ministry Point of Impingement (POI) Limit Supplement to Application for Approval, EPA, S. 20.2



# Prepared by:

# Ontario Ministry of the Environment

**Environmental Approval Access and Service Integration Branch** 

Last Revision Date: February 2013

Cette publication hautement spécialisée n'est disponible qu'en anglais en vertu du règlement 441/97, qui en exempte l'application de la *Loi sur les services en français*. Pour obtenir de l'aide en français, veuillez communiquer avec le ministère de l'Environnement au 416 327-1851.

For more information: Ministry of the Environment Public Information Centre Telephone: 416-325-4000 Toll free: 1-800-565-4923

Email: picemail.moe@ontario.ca www.ontario.ca/environment

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PIBS 4872e01

This form "Contaminants with no Ministry POI Limits Summary Table" is to be completed by applicants when a contaminant with no Ministry POI Limit is identified as part of an Emission Summary and Dispersion Modelling (ESDM) Report. Environmental Approvals Branch (EAB) staff will forward the completed Table as part of a Maximum Ground Level Concentration (GLC) Acceptability Request to the Standards Development Branch (SDB). For further information on the Maximum GLC Acceptability Request process, please see the Guide to Applying for an Environmental Compliance Approval.

An application for an Environmental Compliance Approval will not be recommended for approval until SDB indicates that the concentration at POI proposed in the application is acceptable and is not likely to cause an adverse effect. The EAB requires that the applicant complete the form.

# INSTRUCTIONS

Applicants must complete the Table as applicable and attach the required supporting information as outlined below. The source for the majority of this information will be the ESDM Report or in the Application Form. Applicants are required to reproduce this information as part of the Maximum GLC Acceptability Request process and attach the information to the form so that the Table and supporting information can be forwarded to SDB. References to the ESDM Report or Application Form are not acceptable.

Applicants are requested to include at least one copy of the Table and supporting information in an unbound section of the application to ease EAB's forwarding of the request to SDB.

# 1. Completing Contaminants with no Ministry POI Limits Summary Table

The following information must be included on the Contaminants with no Ministry POI Limits Summary Table:

- The chemical name for each contaminant with no Ministry POI Limit identified in the ESDM Report. Standard nomenclature should be provided and the use of abbreviations or trade names should be minimized.
- The CAS number for each contaminant identified. The Chemical Abstracts
   Services (CAS) number is a unique identifier for a chemical. The following
   websites may provide a convenient way to obtain specific CAS numbers:
   <a href="http://www.chemfinder.com">http://www.chemfinder.com</a>
   <a href="http://www.toxnet.nlm.nih.gov">http://www.toxnet.nlm.nih.gov</a> Click on ChemIDplus
- The Maximum half-hour aggregate emission rate, expressed in grams per second, for each contaminant identified. The emission rate must consider all

sources for the contaminant from the facility and be calculated using the Maximum Emission Rate Scenario provided in the ESDM Report.

- The nature of the emission for each contaminant identified, whether the emission is continuous or intermittent. Continuous emissions are defined as processes that have little variability over a shift or 24 hour period, such as painting lines or continuous process reactors. Conversely, intermittent process have significant variability in the operating schedule and resultant emission rates, such as paint spray booths that require significant step time or batch reactors.
- The predicted maximum half hour POI concentration, expressed in micrograms per cubic metre (μg/m³), for each contaminant identified. This includes a POI concentration calculated using the models specified in Ontario Regulation 419/05 (Air Pollution – Local Air Quality).

# 2. Supporting Information

Information should be attached to the Form to provide additional infor<sup>m</sup>ation on the contaminants with no Ministry POI Limits and the facility as described below:

- Information that was used to identify the contaminant at the facility. This information may include but not be limited to:
  - a copy of the Material Safety Data Sheet (MSDS) from the product identifying the contaminant(s) (if available);
  - the Emission Factor used, with proper references, to calculate the emission rate for the contaminant(s);
  - Source Assessment Testing results indicating the presence of the contaminant(s);
  - print outs from chemical properties services or references such as <a href="http://ccinfoweb.ccohs.ca/">http://ccinfoweb.ccohs.ca/</a> or other sources;
  - any other information used by the applicant to identify the contaminant(s).
- Scaled Area Location Plan indicating the location of the facility, the facility
  property line, all buildings on the facility, all local roads and features of the
  neighbourhood for the area surrounding the facility. The Scaled Area Location
  Plan may be the same figure required by the Primary Noise Screening Process
  (PIBS 4871) outlined in the Guide to Applying for an Environmental
  Compliance Approval.
- Information on the main Process(es) from which each contaminant is released

and any control equipment used to reduce the emission of each contaminant identified and any information on the handling guidelines and/or Codes of Practice that are used to control the emission for each contaminant identified if applicable. Codes of Practice followed that are recommended by a business or government organization should be specifically referenced.

Cette publication hautement spécialisée n'est disponible qu'en anglais en vertu du Règlement 411/97 qui en exempte l'application de la <u>Loi sur les services en français</u>. Pour obtenir de l'aide en français, veuillez communiquer avec le Direction des évaluations et des autorisations environnementales au ministère de l'Environnement au 416-314-8001 (sans frais : 1-800-461-6290).

	Contact #	
For Office Use Only	Reviewer	
Fo	Reference #	

# Contaminants with no MOE POI Limits Summary Table

Company Name	NAICS Code	
Waste Management of Canada Corporation	562210	Notes for Table:
Site Name		a) Proper Chemical Name should be given (Abbraviations acronyms, numeric codes
West Carleton Environmental Centre		
Site Address (applies to an address with civic numbering and street information)	t information) Unit Identifier	All chemicals associated with the same process/operation, should be grouped together     If complete speciation of a mixture is not provided the unspecified fraction will be
2301 Carp Road		assumed to be the most toxic compound, consistent with the available description.
Survey Address (used for rural location for a subdivided township, unsubdivided township or unsurveyed territory)	unsubdivided township or unsurveyed territory)	d) CAS Number: Chemical Abstracts Services Number (UNIQUE Identifier for a chemical)
		e) POI Concentration : Point of Impingement Concentration
Non Address Information (includes any additional information to clarify the physical location of the site)	nrify the physical location of the site)	*If more space is required, please attach a separate table
Municipality / Unorganized Township Ottawa	County / District	

	Scaled Area Location Plan Attached	lan Attached		200						
	Contaminant (a.b.c)	CAS (d) Number	Total Facility Emission Rate (g/s)	Schedule	Air Dispersion Model Used	Maximum POI (e) Concentration (µg/m³)	Averaging Period (hours)	MOE POI Limit (µg/m³)	Limiting Effect	Percentage of MOE POI Limit
-	□,1,2,2-Tetrachloroethane	79-34-5	6.23E-06	n/a	AERMOD	n/a	24	n/a	n/a	n/a
2	Bromodichloromethane	75-27-4	5.77E-07	n/a	AERMOD	n/a	24	n/a	n/a	n/a
8	Methane	74-82-8	74-82-2	e/u	AERMOD	n/a	24	ก/ล	e/u	n/a
4										
2										
9										80 8
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# Attachment 8

Ministry of the Environment Ministère de

l'Environnement



# REQUEST FOR APPROVAL UNDER s.13(1) OF REGULATION 419/05 FOR USE OF SITE SPECIFIC METEOROLOGICAL DATA

### **General Information**

Information requested in this form is collected under the authority of the *Environmental Protection Act*, R.S.O. 1990 (EPA) and the *Environmental Bill of Rights*, C. 28, Statutes of Ontario, 1993, (EBR) and will be used to evaluate requests for the use of a site specific meteorological data under Section 13 of O. Reg. 419/05. **INCOMPLETE FORMS WILL BE RETURNED TO THE REQUESTOR**. The Ministry of the Environment may request additional information during the review of this request of any form accepted as complete.

- 1. Technical questions regarding the suitability of specified models should be directed to the Environmental Monitoring and Reporting Branch (EMRB). Questions regarding completion and submission of this request should be directed to the Environmental Assessment and Approvals Branch (EAAB) of the Ministry of the Environment at the address below or to the local District Office which has jurisdiction over the area where the facility is located. A list of these District Offices is available on the Ministry of the Environment Internet site at <a href="http://www.ene.gov.on.ca/envision/org/op.htm#Reg/Dist">http://www.ene.gov.on.ca/envision/org/op.htm#Reg/Dist</a>.
- 2. Three copies of this form must be submitted to the Ministry of the Environment.

The original should be sent to:

Email: EAABGen@ene.gov.on.ca

Ministry of the Environment, Director, O. Reg. 419/05, s.13 Environmental Assessment and Approvals Branch 2 St. Clair Avenue West, Floor 12A Toronto, Ontario M4V 1L5 Phone: 416-314-8001 Toll Free: 1-800-461-6290 A copy should be sent to:

Ministry of the Environment
Director, O. Reg. 419/05, s.13
Environmental Monitoring and Reporting Branch
125 Resources Road
Toronto (Etobicoke), Ontario M9P 3V6
Phone: 416-235-6300

A copy of this form should also be sent to the local District Office which has jurisdiction over the area where the facility is located.

3. Information contained in this application form is not considered confidential and will be made available to the public upon request. Information submitted as supporting information may be claimed as confidential but will be subject to the Freedom of Information and Protection of Privacy Act (FOIPPA) and the EBR. If you do not claim confidentiality at the time of submitting the information, the Ministry of the Environment may make the information available to the public without further notice to you.

# Instructions

This form should be used to request the use of site specific meteorological data as required by the Air Pollution – Local Air Quality Regulation (O. Reg. 419/05) and should accompanied by a description of the circumstances surrounding this request. In accordance with s.13 (1) paragraph 3 and 4, a person who discharges or causes or permits the discharge of a contaminant, may request the Director's approval of local or site-specific meteorological data that is an accurate reflection of meteorological conditions; or the use of data obtained from a computational method that is at least as accurate as data that would be obtained by local or site-specific meteorological monitoring. In addition a facility is required to use site specific meteorological data in the following situations: when an Emission Summary and Dispersion Modelling (ESDM) Report is being prepared under s. 30(4) Upper Risk Threshold exceedence; or when a facility wishes to request approval of an alteration of a Schedule 3 standard under s. 32 of O. Reg. 419/05.

Note: It is recommended that facilities that are designing an on-site meteorological monitoring station provide as much information contained on this form as part or a pre-submission consultation with EMRB.

# **Regulatory Authority**

- 13. (1) An approved dispersion model that is used for the purposes of this Part shall be used with one of the following types of meteorological data:
  - Regional meteorological data for the part of Ontario in which the source of contaminant is located that was available on May 10, 2005, and that continues to be available, through the Ministry's Public Information Centre.
  - 2. Data described in paragraph 1 that has been refined to reflect local land use conditions.
  - 3. Local or site-specific meteorological data approved by the Director as an accurate reflection of meteorological conditions.
  - 4. Data obtained from a computational method, if the Director is of the opinion that the data is at least as accurate as data that would be obtained by local or site-specific meteorological monitoring. O. Reg. 419/05, s. 13 (1).
  - (2) Despite subsection (1), the Director may give written notice to a person who discharges or causes or permits the discharge of a contaminant requiring that an approved dispersion model that is used for the purposes of this Part be used with a type of meteorological data specified in the notice that, in the opinion of the Director, accurately reflects meteorological conditions. O. Reg. 419/05, s. 13 (2).

<ol> <li>Requestor Information (Owner of works/facility)</li> </ol>				
Requestor Name (legal name of individual or organization of Waste Management of Canada Co	and the second of the second second second second	cuments)		Business Identification Number 876294844
Business Name (the name under which the entity is operation		from the Requestor Name - also refe	erred to as trade name	
Waste Management of Canada Co	rporation			
Requestor Type:		North American Industry Classifi	ication System (NAIC	S) Code
Corporation Federal Govern	iment	562210		
Individual Municipal Gove	rnment			
Partnership Provincial Gove	rnment			
Sole Proprietor Other (describe	<b>)</b> :	5		
Business Activity Description (a narrative description of the	husiness and avour thi	e may include producte sold, senice	e provided or machine	en/leguinment used etc.)
Waste treatment and disposal	business endeavour, uns	s may include products sold, service	s provided or machine	styrequipment asco, cic.y
Waste treatment and disposar				
2. Site Information				
Site Name		MOE District Office	· · · · · · · · · · · · · · · · · · ·	
West Carleton Environmental Cent	re	Ottawa District Offi	ice	
Address Information:		abudaa aksaal ayaabaa saasaa baaa aad diir	ortical Lin	it Identifier Georgide or anadment number
Site Address - Street information (address that has civic numbe 2301 Carp Road	ing and street information in	cudes street number, name, type and une	ection) On	it Identifier (i.e. suite or apartment number)
Survey Address (used for a rural location specified for a sul	bdivided township, an un	subdivided township or unsurveyed	territory)	
Lot and Conc.: used to indicate location within a subdivided	d Part and Refe	rence: used to indicate location with	nin an unsubdivided to	ownship or unsurveyed territory, and
township and consists of a lot number and a concession nu Lot Conc.	mber consists of a	part and a reference plan number in Part	dicating the location	within that plan. Attach copy of the plan Reference Plan
		I STATE OF THE STA		3,44,54,54,54
Non Address Information (includes any additional information	on to clarify the requestor	r's physical location)		
•	•			
Municipality/Unorganized Township	County/District		Postal Code	
Ottawa			KOA 1LO	
Ottowa Control of the	Geo R	eference (mandatory)	11071120	
Map Datum Zone	Accuracy Estimate	Geo Referencing Method	UTM Easting	UTM Northing
NAD83 18	+/- 10 m	map estimation	423759.71	5013903.30
Which of the following sections of O. Reg. 419/05 currently				
s.18 (Schedule 1) s.19 (Schedule 2	) X s.20 (Sch	edule 3)		
3. Project Technical Information Contact				
Name		Company		
Brad Bergeron		RWDI AIR Inc.		
Civic Address - Street information (address that has civic numb	ering and street information i	includes street number, name, type and di	rection) Un	it Identifier (i.e. suite or apartment number)
650 Woodlawn Road West				
Delivery Designator:  If signing authority mailing address is a Rural Route, Suburi	ban Service, Mobile Rou	te or General Delivery (i.e., RR#3)		
Municipality Postal Station	Provi	ince/State Coun		Postal Code
Guelph	On	tario Car	nada	N1K 1B8
Telephone Number (including area code & extension)	Fax Number (including	g area code)	E-mail Address	
519-823-1311 ext. 2428	519-823-131	6	brad.berge	eron@rwdi.com
Reason(s) for Request     The use of site specific meteorological data is being reques	tod in regards to (check	all that apply):	ASSESSMENT OF STREET	
An application for a Codificate of Approval	ted in regards to (check	ан шасарруу.		and the HE steem Consideration to the Proceedings
(Please provide Certificate of Approval Numb	per or Application Refere	nce Number):		
A request because of a notice issued under s	s.13(2) requiring the use	of Local Meteorological data		
A submission under s.23, s.24 or s.25 of O. I	Reg. 419/05 (to prepare a	an ESDM Report)		
An ESDM Report required by s.30 (exceeder	nce of Upper Risk Thresh	nolds)		
A request for approval of an alteration of a Se	chedule 3 standard unde	r s. 32 of O. Reg. 419/05		
Abatement activity		an ann a tha an ann a tha ann an a		
Other (please indicate):				

100000000000000000000000000000000000000	rmation about the	e Proposed	Meteorological					MANO Code	/if applical	ala)
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Map D		Zone 18		Accuracy Estima	ate	Geo Referen	cing wethou	447746		5018346
INAL	J03	10						147740		0010040
6. Info	rmation about the	e Proposed	l Meteorological	Data Set					Strains	
	Local meteorologic	al data set de	eveloped by the Mini	istry of the Enviro	onment availa	ble from the M	inistry			
	Please specify the	location of th	e meteorological dal	ta set:						F
П	Land materialisis	al data from	other sources (e.g. [	Environment Can	ada citas)		er de la com	YEAR DESIGNATION OF THE SECOND	TERRES.	
	American Company		other sources (e.g. E	Invitoriment Can	aua siles)					
	Are the following a						Yes	No (if no, re	25023)	
	An electronic copy	Of the Data S	)6(					=	<u>~</u>	
	Wind Rose						Yes	No (if no, re	-	
			ss of the data and pr	A CONTRACTOR OF THE CONTRACTOR	200 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 /	and the latest and the latest and the	Yes	No (if no, re		
X	Meteorological dat	a generated f	from a meteorologica	al tower located o	on the facility	premises or a o	data set deve	eloped by an Indust	ry Associat	ion
	Are the following a	ttached or su	bmitted?							
	Site Plan					$\times$	Yes	No (if no, re	ason?)	
	Location of Me	teorological T	Fower Identified			×	Yes	No (if no, re	ason?)	
	Building location	ns identified				П	Yes	No (if no, re	ason?)	
	Elevation Plan	**				П	Yes	No (if no, re	ason?)	
	Anemometer Heigl	nt				$\boxtimes$	Yes	No (if no, re	ason?)	
	Rationale for use -		ccurate				Yes	No (if no, re	_	
		800 (0. \$10.000 1280 E-10.000)	scurate			님	10000	=	_	
	Rationale for siting					닐	Yes	No (if no, re	-	
	Details of local top	ographic issu	es			$\boxtimes$	Yes	No (if no, re	ason?) –	
	QA/QC Procedure	\$					Yes	No (if no, re	ason?)	
	An electronic copy	of the Data S	Set			X	Yes	No (if no, re	ason?)	
	Wind Rose						Yes	No (if no, re	ason?)	
	Assessment of the	Completene	ss of the data and pr	roposed fill-in stra	ategy (if availa	able)	Yes	No (if no, re	ason?)	
T N	Meteorological dat	a generated f	from a computationa	I method (e.g. m	eteorological	modelling data	set)			
			itoring and Reporting				eggs ear ar thing	C.		
7 State	ement of Request			•						
	ndersigned hereby		to the best of my k	nowledge:						
• TI	ne information contain	ned herein ar	nd the information su	bmitted in suppo	ort of this appl	ication is comp	lete and acc	urate in every way	and I am av	vare of the penalties against
pr	oviding false informa	tion as per s.	184(2) of the Enviro	onmental Protecti	ion Act					
	ne Project Technical nder Section 13 of O.					ny behalf for th	e purpose of	obtaining approval	for use of a	an site specific meteorological da
. 11	nave used the most re	ecent request	t form (as obtained for	rom the Ministry	of the Enviror	nment Internet	site at http://	www.ene.gov.on.ca	/envision/g	p/index.htm#PartAir or the
Eı	nvironmental Assess	ment and App	provals Branch at 1-	800-461-6290) ai	nd I have incl	uded all neces	sary informa	tion required by O.	Reg. 419/0	5 and identified on this form.
	of Signing Authority (p	olease print)				Title				
Way	ne Jenken					Area La	andfill E	ngineer		
	one Number <i>(includin</i>	g area code &	& extension)	Fax Number	(including are	a code)		E-mail Addres		
519	-849-5810							WJenke	en@wr	n.com
Signatu	re	101				Date (dd/mm	(1)			
		1.				_	Ju/>	130, 2	014	
Address	s Information:	/								
Civic Ac	ddress - Street inform	ation (address	s that has civic numberi	ng and street inform	ation includes s	street number, na	me, type and o	lirection)	Unit Ident	ifier (i.e. suite or apartment number)
803	9 Zion Line									
Delivery	y Designator:									
If signin	g authority mailing a	ddress is a R		n Service, Mobile	Route or Ge					
Municip	orania de la compania del compania del compania de la compania del compania del compania de la compania de la compania del		Postal Station			Province/Sta		Country		Postal Code
Wat	ford					Ontario	)	Canada		N0M 2S0