



Spring Waste Management Conference

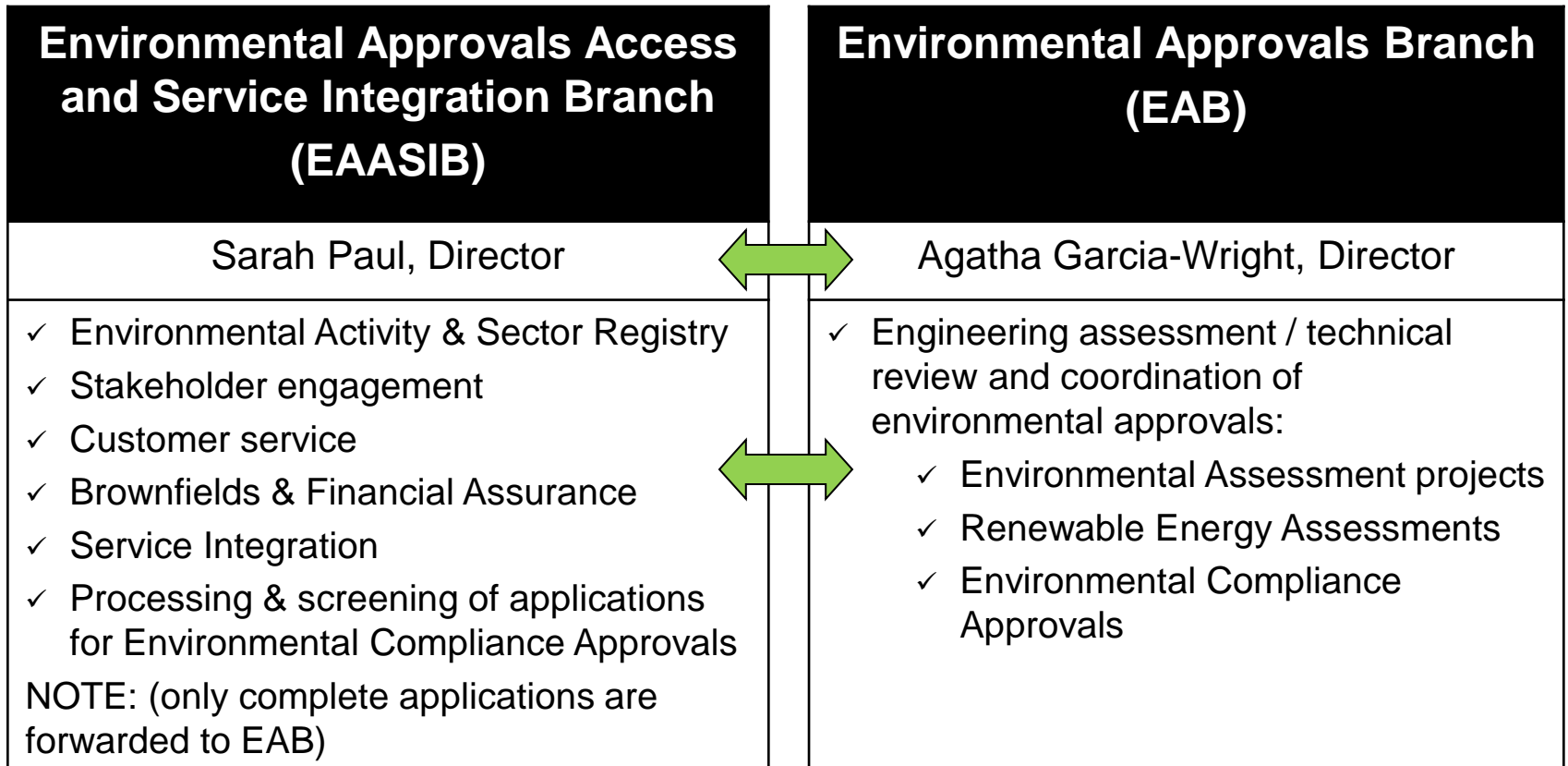
Air and Waste Management Association – Ontario Section

April 10, 2014

Overview

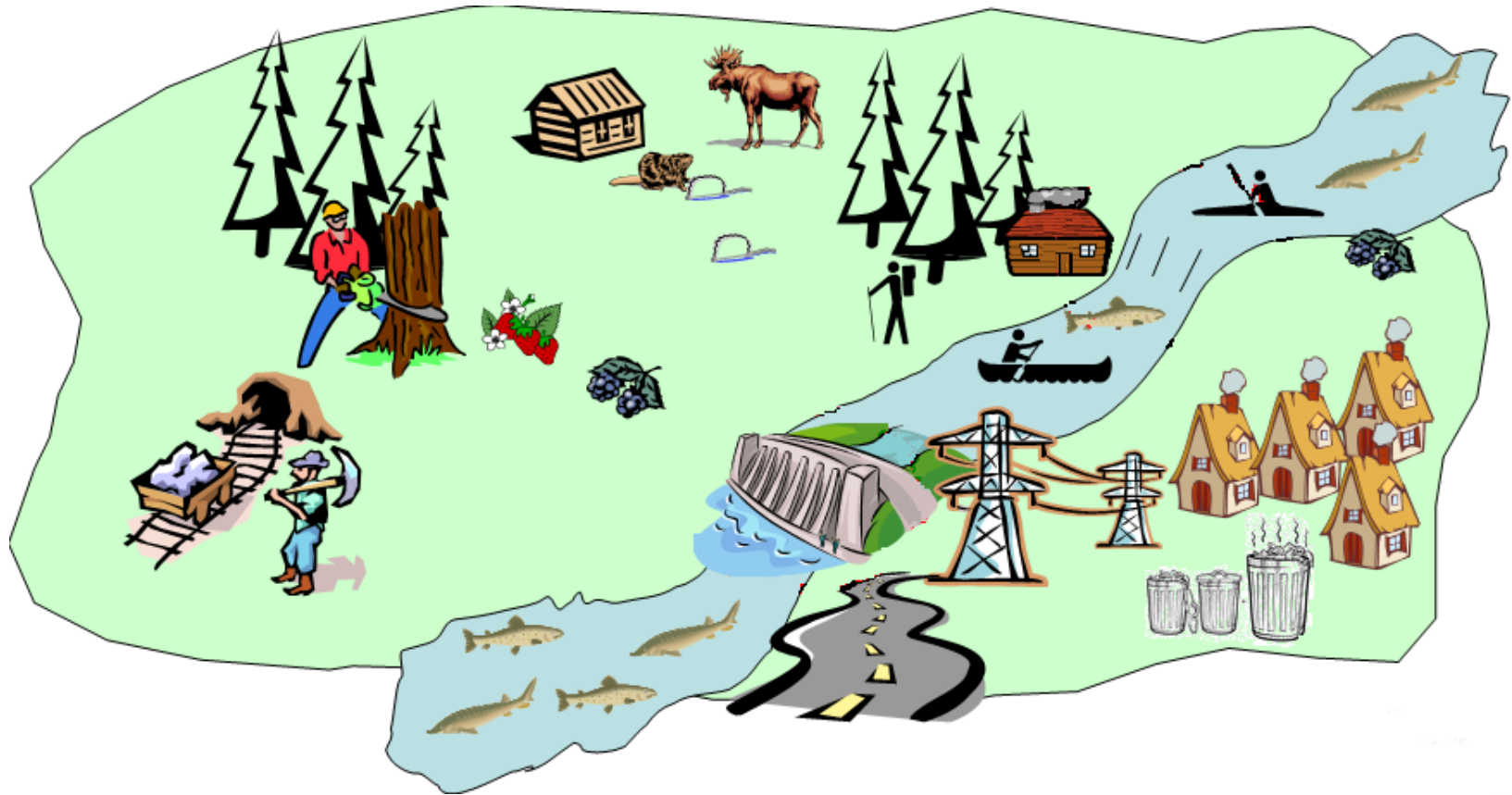
- ✓ Environmental Assessments
- ✓ Environmental Compliance Approvals (ECA) and Environmental Activity Sector Registry (EASR)
- ✓ Waste Generation, Characterization and Manifests
- ✓ Waste Audits

Organizational Structure



Two interdependent branches working together to ensure seamless customer service and quality decision-making

Environmental Assessment (“EA”) Process



Environmental Assessments (EA)

- The purpose of the *Environmental Assessment Act* (EAA) is to protect Ontario's social, economic and natural environments by ensuring that the impacts of development activities are considered.
- The assessment process serves as a planning tool to ensure potential environmental effects are identified and evaluated before irreversible decisions are made.
- Environmental assessment applies to:
 - All public sector projects, unless exempt
 - Certain private sector undertakings e.g. waste, electricity
- Four distinct program areas:
 1. **Individual** Environmental assessment – most rigorous assessment
 2. **Streamlined** Environmental assessment processes (i.e. Class environmental assessment, sector-specific regulations for electricity, waste and transit)
 3. **Designation** – method to make projects subject to the requirements of the Environmental Assessment Act. This can generally be achieved through a designating regulation or through a voluntary agreement.
 4. **Declaration order** – method to exempt projects from the individual environmental assessment requirements of the Environmental Assessment Act.

EA Process for Waste Management Projects

Both private and public sector waste projects are subject to the requirements of the *Environmental Assessment Act* through the Waste Management Projects Regulation 101/07

Waste management projects fall into the following EA process streams:



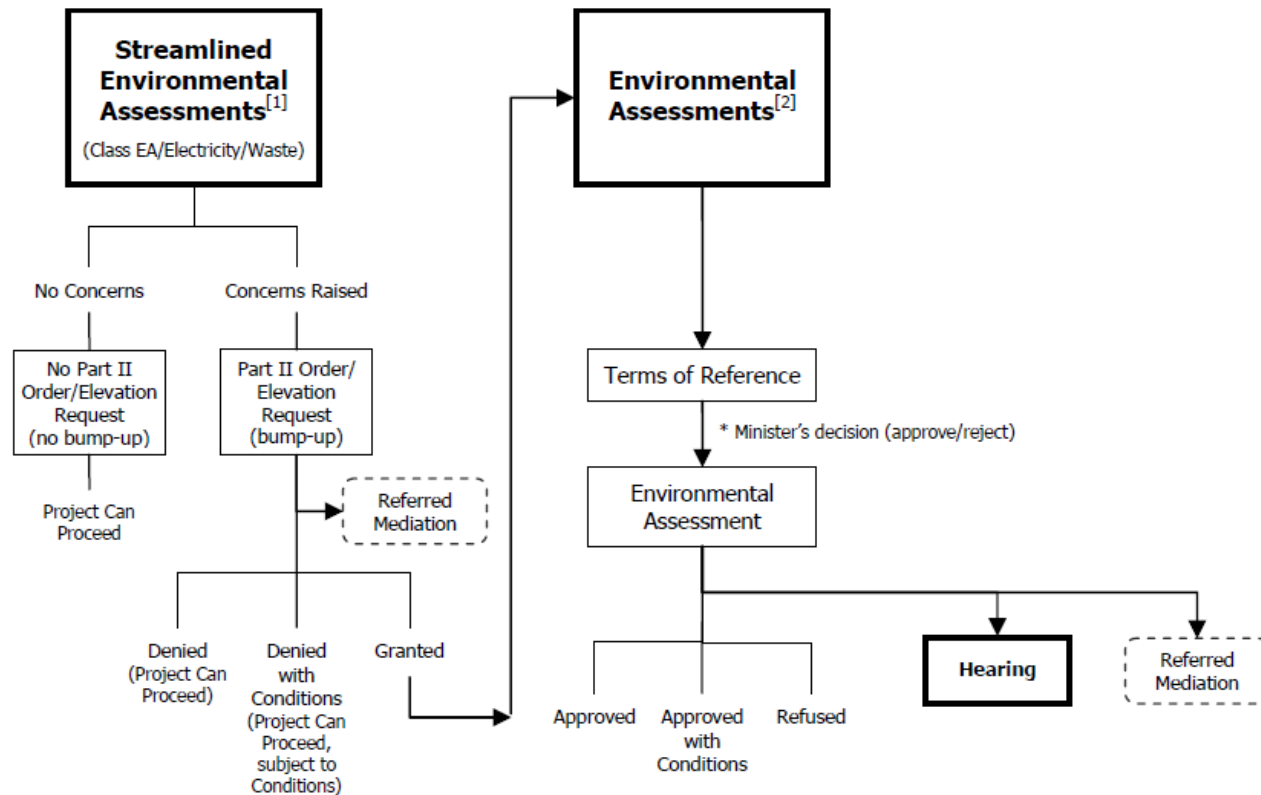
Must complete an individual environmental assessment



Must complete the environmental screening process



Exempt



For more details, see the Guide to EA Requirements for Waste Management Projects at: www.ene.gov.on.ca/environment/en/resources/STD01_076021.html

Mandatory Public Consultation for EAs

- Consultation with affected persons is a critical requirement of the EAA.

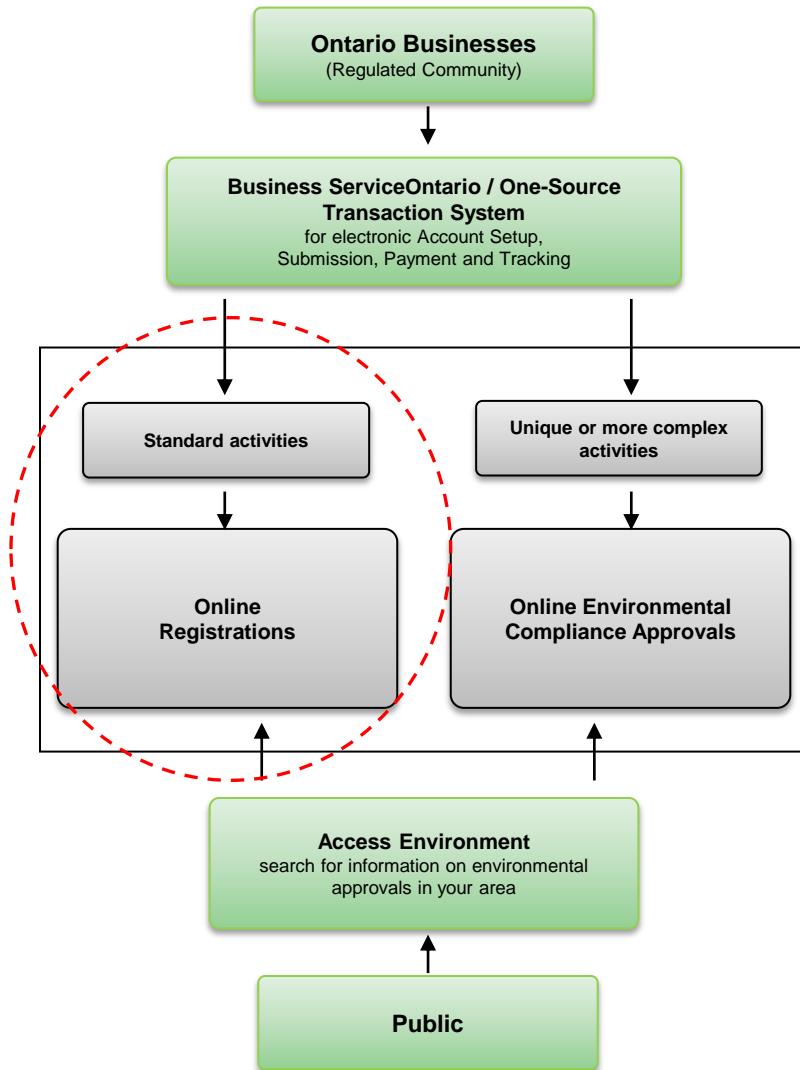
Terms of Reference	Environmental Assessment	Streamlined EA
<ul style="list-style-type: none"> • Notice of Commencement of Terms of Reference issued by proponent. <p>➔ Proponent consults during Terms of Reference preparation.</p> <ul style="list-style-type: none"> ➤ Nature and extent of consultation varies depending on proponent's consultation work planning. <ul style="list-style-type: none"> • Notice of Submission of Terms of Reference issued by proponent (available on Ministry website in both English and French). <p>➔ Mandatory 30-day public review period on Terms of Reference.</p>	<ul style="list-style-type: none"> • Notice of Commencement of Environmental Assessment. <p>➔ Proponent consults during Environmental Assessment preparation.</p> <ul style="list-style-type: none"> ➤ Nature and extent of consultation varies depending on proponent's consultation work planning. <ul style="list-style-type: none"> • Notice of Submission of Environmental Assessment issued by proponent (available on Ministry website in both English and French). <p>➔ Mandatory 7 week public review period on environmental assessment.</p> <p>➔ Mandatory 5 week public review period on MOE-written Ministry Review document (available in English and French).</p>	<ul style="list-style-type: none"> • Notice of Commencement of Project Study issued by proponent. <ul style="list-style-type: none"> • Nature and extent of consultation varies depending on level of assessment and environmental setting. <p>➔ Mandatory public consultation prescribed throughout the assessment process.</p> <ul style="list-style-type: none"> • Notice of Completion of Project Study issued by proponent. <p>➔ Mandatory 30-day public review period (60day review for waste management projects)</p>

➔ - Denotes opportunity for public consultation

•Note: For Terms of Reference and Individual EAs, all public notices are placed in local newspapers, provided to stakeholders through direct mail, etc. In addition, all Notices of Submission and Notice of Ministry Review are placed on MOE's EA Website (in both English and French).

The Two-Path Process:

Environmental Activity and Sector Registry &/or Environmental Compliance Approvals



Environmental Activity & Sector Registry (EASR)

- The MOE has developed a registration process for standard and routine-type activities and sectors.
- Businesses have been able to register these activities in EASR since October 2011.
- Has saved business up to \$25K per registration in studies and fees and months of approval/review time.
- Pre-defined eligibility and operation requirements (in regulation).
- Registrations are automatically posted to a searchable public website (Access Environment).

One-Source for Business ServiceOntario

Ontario Ministry of the Environment
Environmental Activity and Sector Registry **Registration of Activities Related to Automotive Refinishing Facilities**

Each field marked by an asterisk (*) must be completed. Operation

Select Application to Complete *

requirements. These are detailed in Ontario

One-Source for Business ServiceOntario

Ontario Ministry of the Environment
Environmental Activity and Sector Registry **Registration of Activities Related to Automotive Refinishing Facilities**

Each field marked by an asterisk (*) must be completed.

Part 3 – Activity Information

3.1 Registration Information

This form is to be used to register the use, operation, construction, alteration, extension, or replacement of equipment or things that are used in an automotive refinishing facility. Please confirm that you will be engaging in one or more of these activities.*

Yes No

3.2 Activity Design-Related Information

The following questions are being asked to determine if the activity meets specific design-related criteria.

a) Is the facility one in which the application of coating to or the repair or customization of a motor vehicle body or parts of a motor vehicle body and the repair or customization of the interior of a motor vehicle occurs? *

Yes No

b) Is the automotive refinishing facility, in respect of which this registration is filed, located in a building that is wholly occupied by the facility? *

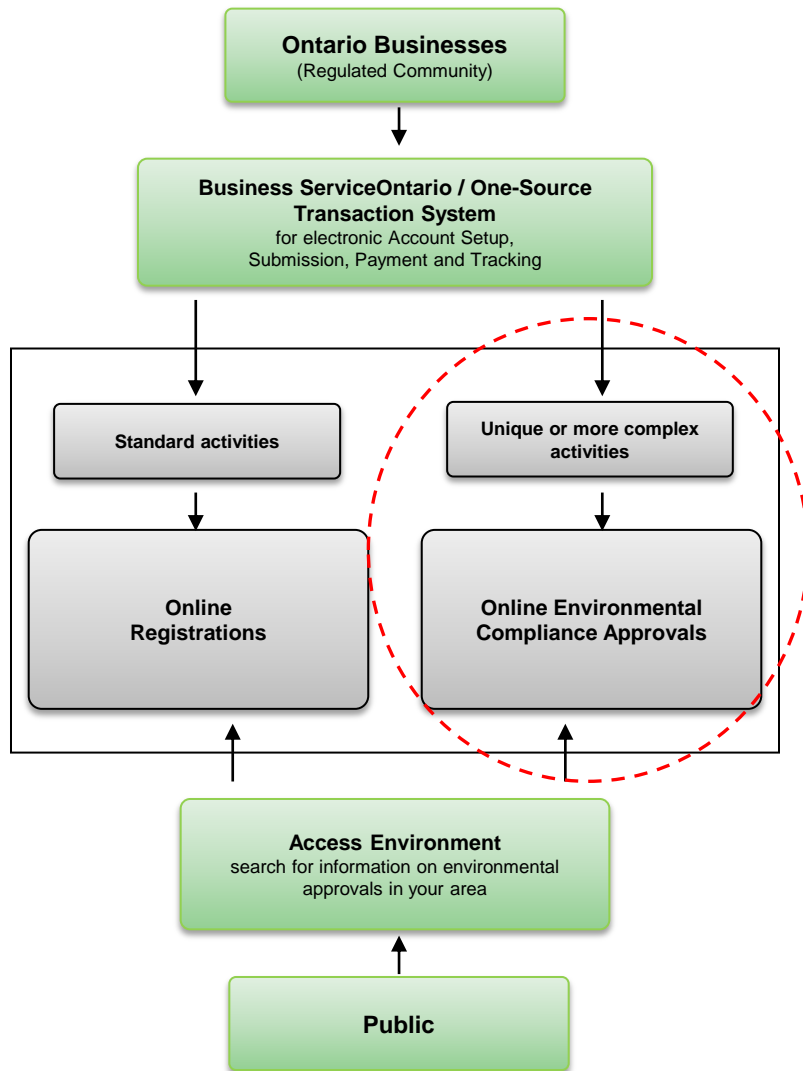
Yes No

'How to' register an activity using ONE-Source:

www.ene.gov.on.ca/environment/en/industry/assessment_and_approvals/environmental_approvals/STDPROD_090833.html

EASR for Non-Hazardous Waste Transportation Systems

- Non-hazardous waste transportation systems added to the EASR in November 18, 2012
- The only waste management activities are for the collection, handling, transportation, and transfer of non-hazardous waste.
- One-time registration charge of \$1190 will apply – no costs for amendments as long as the system remains eligible
- If the system is already covered by an ECA it need not be registered right away:
 - Registration required if the ECA needs to be amended
 - Must register within 5 years of the date the EASR regulation came into force (Nov 2012)



The Two-Path Process:

**Environmental
Activity and Sector
Registry
&/or
Environmental
Compliance
Approvals**

Environmental Compliance Approvals

- Environmental Compliance Approval (ECA) is a multi media approval that is required by legislation for facilities that manage waste, release contaminants to the atmosphere and discharge sewage to ground and surface water.
- Waste facilities often have environmental impacts in addition to the “waste” impacts.
 - Design and Operations Reports often address air, odour, noise (s. 9 of the EPA for air emissions) and wastewater impacts at the facility (s. 53 of the Ontario Water Resources Act for sewage works)

Environmental Protection Act (“EPA”)

- Part II.1 (Environmental Compliance Approvals)
- Part V (Waste Management)

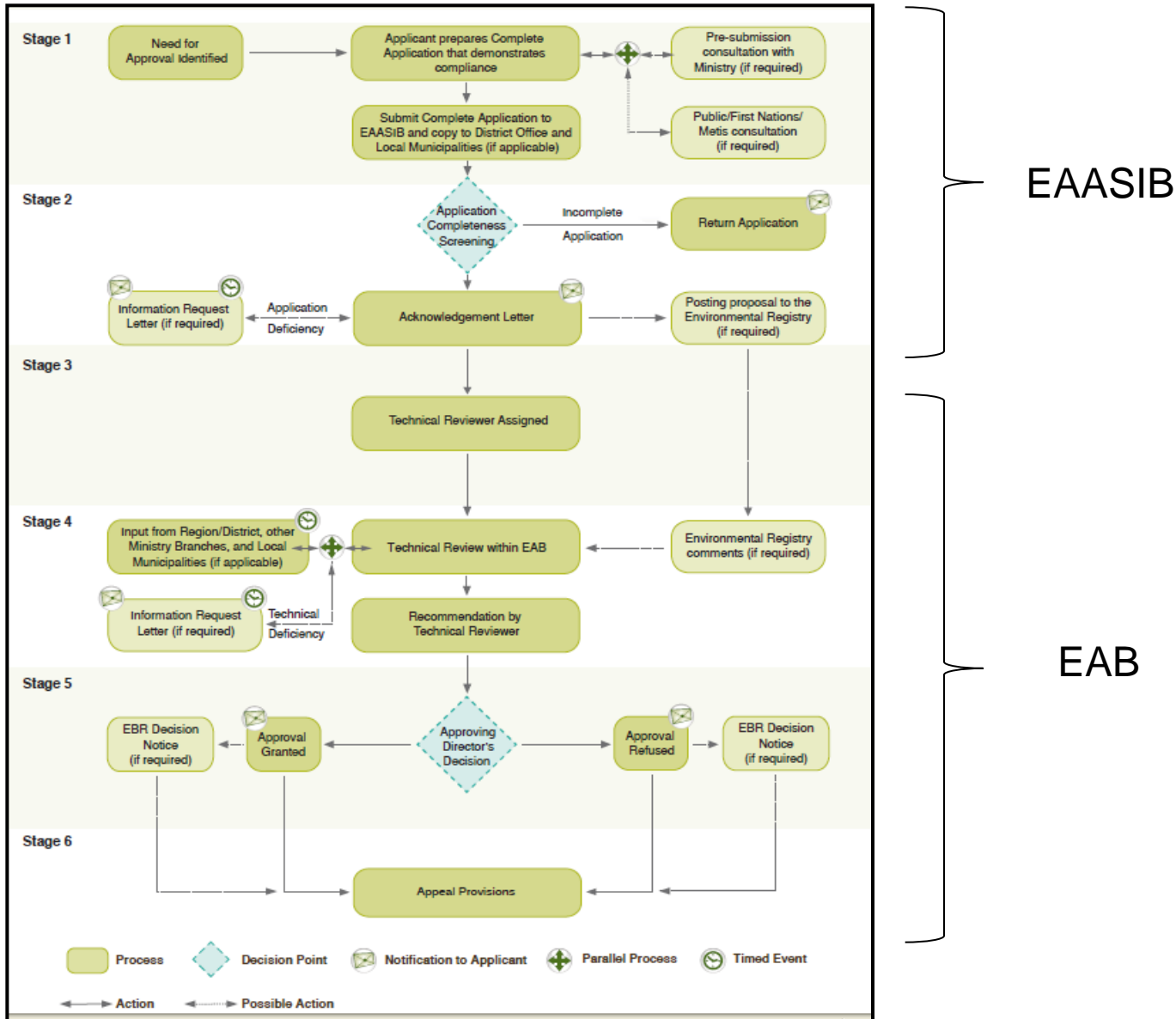
No person shall use, operate, establish, alter, enlarge or extend a waste management system or a waste disposal site except under and in accordance with an environmental compliance approval (s. 27)

Under the EPA: Reg. 347 – General, Waste Management Regulation

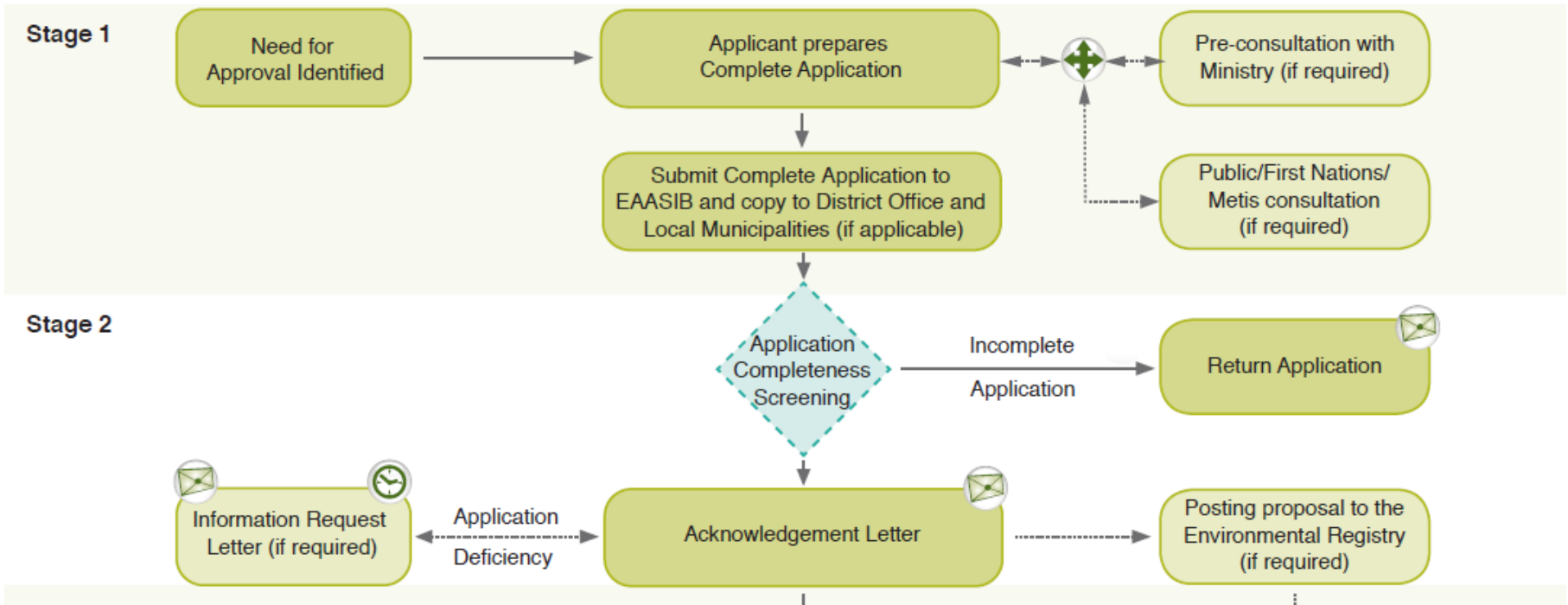
- Defines types of waste (including exempt and non-exempt)
- Sets out specific requirements (and exemptions) for waste management activities

Other waste-related regulations include O. Reg. 232/98 (Landfilling sites); Reg. 352 (Mobile PCB destruction facilities); Reg. 362 (Waste Management – PCBs); Reg. 101/94 (Recycling and Composting of Municipal Waste)

ECA Application Process Stages



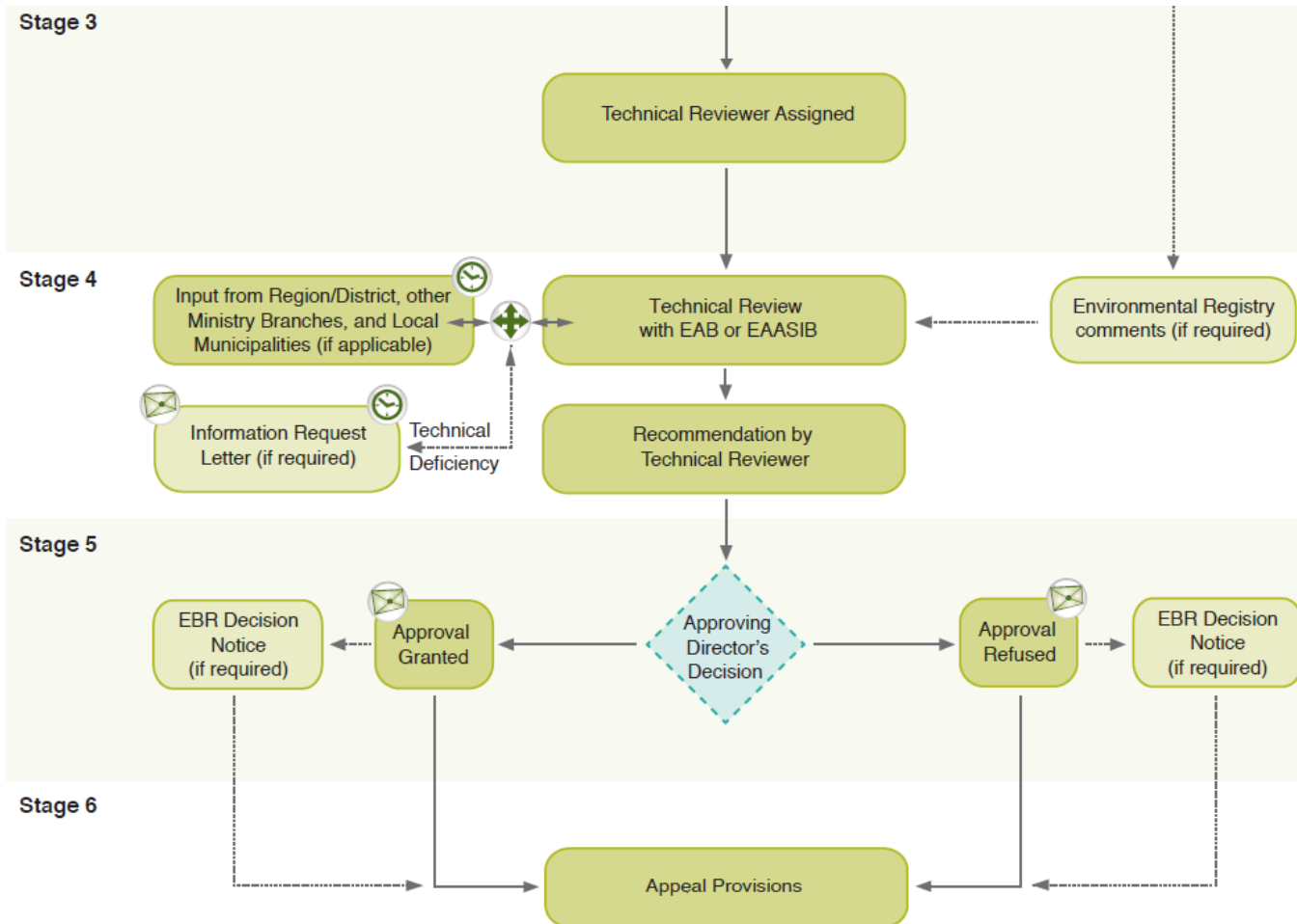
Stages 1 and 2 - EAASIB



Stage 1 – Application Preparation and Consultation

Stage 2 – Screening and Consultation

Stages 3 to 6 - EAB



Stage 3 – Technical Reviewer Assigned (public comments received via EBR)

Stage 4 – Technical Review; ECA Recommendation

Stage 5 – Approving Director's Decision

Stage 6 – Appeal

Financial Assurance (“FA”)

The Financial Assurance program minimizes financial risk posed to MOE by transferring clean-up costs to proponents responsible for contamination thereby reducing government liability and ensuring proponent pays.

- The applicant can refer to EPA Part XII and *Guideline F-15: Financial Assurance Guideline* to see a list of when FA is normally required and instructions on how to estimate the amount of FA that should be provided.
- Examples of costs included in the calculation are unit costs of:
 - ✓ loading and transporting of each type of waste, demolition rubble, contaminated soil or equipment that must be sent for disposal (\$/tonne or m³)
 - ✓ disposing of each type of waste, demolition rubble, contaminated soil or equipment in an approved disposal site (\$/tonne or m³)
 - ✓ any required treatment activities (e.g. soil decontamination)
 - ✓ security devices, supervision
- These costs must reflect the costs of a third party to undertake all work associated with managing and carrying out the activities (quotes must be submitted).

Guideline F-15 can be found at:

www.ene.gov.on.ca/environment/en/resources/STD01_076117.html

Access Environment

- Public transparency of approval-related information that protects privacy and confidentiality of businesses
- Searchable, map-based public website that provides environmental approval-related information about business in real time (includes ECA and EASR)

Search Criteria

Number:

EBR Registry Number:

MOE Reference Number:

Date: From: (yyyy-mm-dd) To: (yyyy-mm-dd)

Environmental Compliance Approvals (ECA)
Project Type: Air/Noise, Municipal and Private Sewage, Waste Disposal Site, Waste Management System, Industrial Sewage

Renewable Energy Approvals

Environmental Activity Sector Registry (EASR)
Project Type: Automotive Refinishing, Standby Power System, Heating System

Business Information
Business Name:
Street No.:
Street Name:
City/Town:
Postal Code:
Search Radius: 10 km


All Statuses
 ECA/REA Status
 EASR Status

Revoked and/or Replaced
Approved
Amended

Registered
Removed
Suspended

Sort Results
Records per page: 10
Sort by: Date
 Sort Ascending
 Sort Descending

*Please note that Environmental Compliance Approvals (ECAs) include all Certificates of Approval (CoFAs) previously issued under the EPA and approvals previously issued under s. 53 of the OWRA



Search Criteria
Municipality: guelph
Approval Date From: 2010-12-01
Approval Date To: 2014-03-18

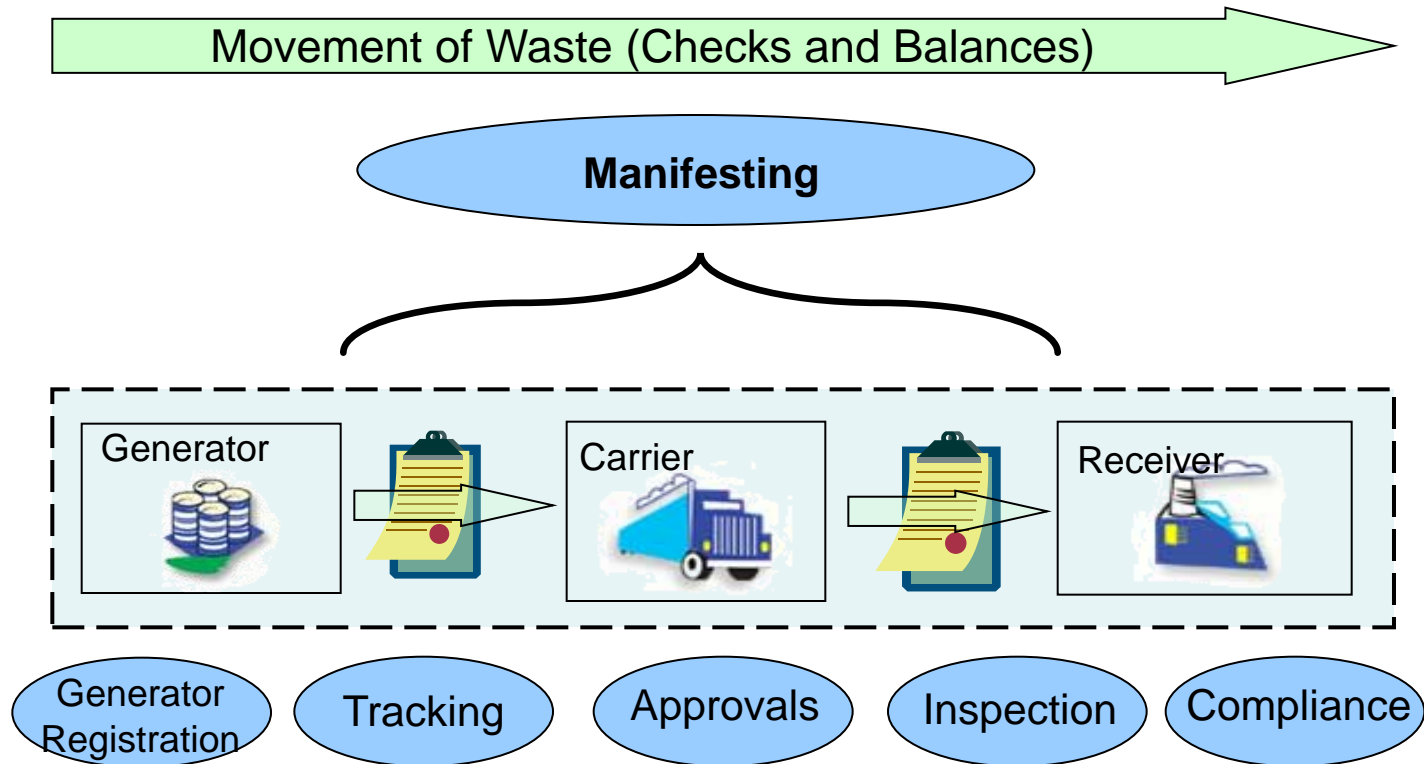
Refine Your Search

Results 1 - 50 of 182 found

Number	Business Name	Address	Municipality	Date	Project Type	Status
8897-8D7MPX	Forestall Inc.			1/25/11	Industrial Sewage	Approved
6121-87ZNLT	Teutech Industries Inc.			1/27/11	Air/Noise	Approved
3513-8C6SS9	Skyjack Inc.			1/27/11	Air/Noise	Approved
A170128	The Corporation of the City of Guelph			2/10/11	Waste Disposal Site Amended	
4009-8DJMTN	SIHI Pumps Limited			2/13/11	Air/Noise	Approved
6290-8DYJ8K	The Corporation of the City of Guelph			2/28/11	Municipal and Private Sewage	Approved

**A copy of the issued ECA document posted to Access Environment:
a searchable public website**

Waste Generation, Characterization and Manifests



Waste Generation, Characterization and Manifests

Waste Generation

- Section 17 of Regulation 347 identifies waste generation facilities
- Virtually every business, facility, and operation generates waste
 - Generation facilities do not necessarily need Environmental Compliance Approvals for waste (Regulation 347)
 - If you generate subject waste, you must register annually
- Subject waste is either liquid industrial waste or hazardous waste
- You can register your waste with paper manifests or online at www.hwin.ca
- Section 18 of Regulation 347 provides some details of registration

Waste Generation, Characterization and Manifests

Waste Characterization

- Check with guidance to confirm if your waste is “subject waste” or “Hazardous and Liquid Industrial Wastes”
- Registration Guidance Manual For Generators Of Liquid Industrial And Hazardous Waste, December 2009 – the “Manual”

Waste Manifests

- Waste manifests are numbered documents obtained from the Ministry of the Environment
- Sections 19 to 26 of Regulation 347, as well as the “Manual” provide guidance and details regarding when and how to manifest your waste
 - Any transfer of waste to a waste management system requires a manifest document
- Generally, there are four ways of transport – within Ontario, out of Ontario, into Ontario, and through Ontario.
- Manifesting can be done by paper or online – www.hwin.ca

Waste Audits & Waste Reduction Work Plans Regulation 102/04

Regulation that requires this work to be completed by certain businesses. This work is a vital part of Ontario's efforts to meet its goal of reducing the amount of waste going to disposal. This work helps businesses identify the amount of waste they produce and ways to reduce waste generation.

Waste Audits

- Studies that characterize waste generation and waste management for particular businesses:
 - Retail shopping establishments, retail shopping complexes, office buildings, restaurants, hotels and motels, hospitals, educational institutions, large manufacturing facilities, large construction projects, and large demolition projects

Waste Reduction Work Plans

- Plans that outline a business' strategy to reduce, reuse, and recycle waste

General Inquiries & Feedback

Ministry of the Environment

Environmental Approvals Access and Service Integration Branch

2 St. Clair Avenue West, Floor 12A

Toronto, ON M4V 1L5

Telephone: 416-314-8001

Toll-free: 1-800-461-6290

Fax: 416-314-8452

E-mail: eaabgen.moe@ontario.ca

*** Applicants can also ask to speak with a Waste Approvals Duty Officer*

- ✓ You can send feedback, suggestions regarding the modernization project directly through the ministry's website or
- ✓ Write to us with any concerns, questions, ideas or comments at:
approvals.modernization@ontario.ca