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Meeting Date: October 31, 2019
File No.:



To: Chair and Members
Lambton Area Water Supply System Joint Board of Management

From: Clinton Harper
General Manager

Subject: Thallium Shipment Information Request

Recommendation

That the Thallium Shipment Information Request Report **BE RECEIVED** for information by the Board of Management.

Background:

Clean Harbors Lambton Incinerator Facility has several active Environmental Compliance Approvals (ECA) for waste to be received at the site. Most applicable are the approvals for the landfill and for their incinerator. The ECAs specify the types and quantities of wastes that can be received at the site and how monitoring and reporting is required. Wastes that are landfilled must also meet the land disposal restriction (LDR) requirements specified in O. Reg. 347. ECA's are publicly available at <http://www.accessenvironment.ene.gov.on.ca>.

Landfill ECA No. A031806
Incinerator ECA No. A031813

The Company is required to submit an annual report that is reviewed by the MECP's technical specialists. All reports are prepared by a third party. The company also has several reporting requirements in their ECA which includes weekly site inspection by the MECP. The MECP representative reports that the company is in compliance and addresses issues identified by the Ministry.

The Clear Harbors Lambton Incinerator Facility is one of 2 sites in Canada equipped to dispose of Thallium. When transported in Canada, Thallium is classified as a Class 6.1 (Toxic Substance) Hazardous Material under the Federal Transportation of Dangerous Goods Act. In addition to material classification, the Federal Transportation of Dangerous Good Act identifies explosive limits, maximum quantity permitted to be transported, a need for Emergency Response Assistance Plan, and if the material is designated as a marine pollutant as described by the International Maritime Dangerous Goods Code

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As previously reported to the Board, it is Ontario legislation that all spills are reported to the MECP's Spills Action Centre (SAC). SAC would then determine the potential for spills to enter surface or ground water and affect source water protection zones. SAC has procedures in place to notify parties of potential impacts.

The Board requested that staff follow-up to determine the status of a shipment of Thallium to the Clean Harbor Lambton Incineration Facility.

Comments:

In 2017, Clean Harbors Lambton Incinerator Facility submitted an application to the MECP (Formerly MOE) to dispose thallium waste at their landfill. This summer (2019), the MECP officially denied the company's request to accept the waste. The Company can revise their proposal and resubmit their application to the MECP. The MECP completes a technical review of all applications submitted and ensures all waste received and processed is in compliance with provincial regulations and policies.

The MECP Representative responsible for site inspections of the Company recommends attendance of the Company's Liaison Meetings as a way for LAWSS to stay updated on Clean Harbor's plans for future submission.

Consultation:

This report was prepared in consultation with the Ministry of Environment, Conservation and Parks Southwestern Regional staff.

Financial Implications:

none

This report was prepared by Clinton Harper, General Manager

Attachment(s): none