



Ministry of the Environment and Climate Change  
Ministère de l'Environnement et de l'Action en  
matière de changement climatique

## Solid Non-Hazardous Waste Disposal Site Inspection Report

<b>Client:</b>	The Corporation of the Municipality of Huron Shores Mailing Address: 7 Bridge St P.O.Box 460, Iron Bridge, Huron Shores, Ontario, Canada, P0R 1H0 Physical Address: 7 Bridge St P.O.Box 460, Iron Bridge, Huron Shores, Municipality, District of Algoma, Ontario, Canada, P0R 1H0 Telephone: (705)843-2033, FAX: (705)843-2035, email: email@huronshores.ca Client #: 7229-8VNR8U, Client Type: Municipal Government Additional Address Info: P.O.Box 460, Iron Bridge		
<b>Inspection Site Address:</b>	Day and Bright Landfill A560701 Address: Lot: North 1/2 Lot 5, Concession: 1, Geographic Township: DAY, Huron Shores, Municipality, District of Algoma District Office: Sault Ste. Marie LIO GeoReference: Zone: , UTM Easting: , UTM Northing: , Latitude: 46.2734, Longitude: -83.3738 Site #: 0905-8S4SGR		
<b>Contact Name:</b>	Deborah Tonelli	<b>Title:</b>	Clerk Administrator
<b>Contact Telephone:</b>	705-843-2033 ext	<b>Contact Fax:</b>	705-843-2035
<b>Last Inspection Date:</b>	2012/02/22		
<b>Inspection Start Date:</b>	2015/06/02	<b>Inspection Finish Date:</b>	2015/06/29
<b>Region:</b>	Northern		

### 1.0 INTRODUCTION

The purpose of this inspection was to assess the Day and Bright Townships (Ward 2) Waste Disposal Site for compliance with specific operational conditions under Environmental Compliance Approval (formerly known as Certificate of Approval or CofA) Waste Disposal Site No. A560701 and the basic operating standards for landfill sites as contained in Ontario Regulation 347 and the Environmental Protection Act. The inspection included a field visit to view landfill operations, and a subsequent discussion with Harry Hadikin - Public Works Superintendent, regarding operational practices. A file review was conducted prior to the inspection.

The Day and Bright Townships Site is one of four disposal sites overseen by the Municipality of Huron Shores. The site has been open since the early 1970s and currently operates under ECA - Waste Disposal Site No. A560701 issued on February 3, 1981. The Environmental Compliance Approval allows for the disposal of domestic and commercial waste within a 1.2 hectare total landfilling site.

### 2.0 INSPECTION OBSERVATIONS

**Certificate of Approval Number(s):**  
A560701 issued on February 3, 1981

#### 2.1 FINANCIAL ASSURANCE:

**Specifics:**  
There is no record of financial assurance for this site.

#### 2.2 APPROVED AREA OF THE SITE:

**Specifics:**

The site is approved for the use and operation of a total site area of 1.2 hectares. An active landfilling area is not specified in the ECA. There are no visible markers which identify the limit of landfill, nevertheless, it appears the landfill has reached the approved site area and may have exceeded beyond the allowable limit of fill.

**2.3 APPROVED CAPACITY:****Specifics:**

There is no capacity listed in the ECA. The site is approved to the use and operation of a 1.2 hectare total area landfilling site.

**2.4 ACCESS CONTROL:****Specifics:**

Access to the site is controlled by a locked gate. When open, the site is supervised by a municipal employee. The hours of operation for the site are from 4:00 pm to 8:00 pm on Monday and Wednesday, and 9:00 am to 5:00 pm on Saturday. During the winter period (November 1 to March 31) the site is open from 2:00 pm to 6:00 pm on Monday and Wednesday, and 9:00 am to 5:00 pm on Saturday. The site operating hours are posted at the entrance gate.

**2.5 COVER MATERIAL:****Specifics:**

A portion of site is currently being operated in a trench and area fill methods. Household waste is deposited into trenches (two active and two inactive) located on the east side of the landfill site. Waste is not being compacted and covered on a regular basis, as demonstrated by the quantity of waste in the trenches and sprawling litter at the landfill site.



Other wastes are disposed on the northern part of the property using the area fill method. This waste material has not been compacted and covered for an extended period time. A significant area of exposed waste along the slope was observed and should be compacted and covered.





**2.6 WASTE BURNING:**

**Specifics:**

Clean wood and brush are segregated to two trenches at the site. At the time of inspection other waste such as Styrofoam, paper, cardboard and plastics were observed mixed with the wood waste. The Municipality may want to consider having better control of the waste entering the landfill by restricting access to the site on days of operation only.



**2.7 GROUNDWATER/SURFACEWATER IMPACT:**

**Specifics:**

The site does not have a surface or groundwater monitoring program in place. Pooling of water was observed at the southern boundary of the landfill near the fence line. A small stream appears to be running at the base of the steep embankment along the western side of the landfill. Further investigation is needed to determine groundwater and surface water impact from the landfill.



**2.8 LEACHATE CONTROL SYSTEM:**

**Specifics:**

There is no leachate control system at the site.

**2.9 METHANE GAS CONTROL SYSTEM:**

**Specifics:**

There is no methane gas control system at the site.

**2.10 OTHER WASTES:**

**Specifics:**

- Recycling bins for plastics, aluminium, metals, glass, cardboard are located at the landfill. These are managed by the Municipal Waste Recycling Company (MWRC) based in Blind River.



- A designated pile for metals (including white goods) is established at the landfill site. Refrigerators are accepted at the site but must be professionally drained and tagged. **The metals pile is becoming large for the size of the landfill and thus removal of metals should be undertaken in the near future.** The company currently contracted to remove the metal has not been doing so on a regular basis, and therefore the municipality is looking to hire a new scrap metal contractor.



- Electronic waste (Ewaste) is accepted at the landfill site under the Ontario Stewardship Program. Waste is removed from the site on a regular basis by municipal staff and brought to the Ewaste bin located at the Village of Iron Bridge (Gladstone Twp) landfill site for final removal by Green For Life.



- There is an area designated for paint cans that have been disposed at the site. It was reported at the time of inspection that these cans will be disposed at the Annual Household Hazardous Waste Day in Blind River. **It is to be noted that the current ECA does not allow for hazardous waste to be accepted/disposed at the landfill. Residents must keep their hazardous waste and dispose of it at an approved Household Hazardous Waste Depot or designated Household Hazardous Waste.**



- Tire collection through the Ontario Tire Stewardship program has been established at the site.



- Shingles and ash disposal areas



### 3.0 REVIEW OF PREVIOUS NON-COMPLIANCE ISSUES

Burning of non-woodwaste was identified in the prior inspection dated March 7, 2012. It appears that this is an ongoing issue.

### 4.0 SUMMARY OF INSPECTION FINDINGS (HEALTH/ENVIRONMENTAL IMPACT)

**Was there any indication of a known or anticipated human health impact during the inspection and/or review of relevant material, related to this Ministry's mandate?**

No

**Specifics:**

**Was there any indication of a known or anticipated environmental impact during the inspection and/or review of relevant material ?**

No

**Specifics:**

**Was there any indication of a known or suspected violation of a legal requirement during the inspection and/or review of relevant material which could cause a human health impact or environmental impairment ?**

Yes

**Specifics:**

Potential fill beyond allowable limit (FBAL)

**Was there any indication of a potential for environmental impairment during the inspection and/or the review**

of relevant material ?

Yes

**Specifics:**

Possible off-site impact of surface water and groundwater.

Was there any indication of minor administrative non-compliance?

Yes

**Specifics:**

Burning of non-woodwaste items.

## 5.0 ACTION(S) REQUIRED

**The following actions are required by the Municipality of Huron Shores in order to achieve compliance with ECA #A560701, in addition to, improving the operation and maintenance of the Day and Bright Townships (Ward 2) landfill site.**

1. Compact and cover waste at trench and area fill locations more frequently.
2. Conduct a survey to determine if waste has been placed beyond the allowable limits of fill.
3. Install visible markers identifying the limits of the designated landfill area as approved by ECA #A560701.
4. Undertake a groundwater and surface water sampling and monitoring program to determine if leachate is impacting offsite.
5. Prepare and submit an action plan outlining the future of the landfill site.

**Please provide written notification (by post or email), including information on your intended course of action to address the issues listed in Section 5.0 above.**

**Please send your notification to:**

Ron Dorscht (Supervisor)  
Ministry of the Environment and Climate Change  
70 Foster Drive, Suite 110  
Sault Ste Marie, ON P6A 6V4


**or**

[ron.dorscht@ontario.ca](mailto:ron.dorscht@ontario.ca)

## 6.0 OTHER INSPECTION FINDINGS

There are no other inspection findings to report at this time.

## 7.0 INCIDENT REPORT

Applicable  
1585-9XXUAJ 

## 8.0 ATTACHMENTS

**PREPARED BY:**

**Environmental Officer:**

**Name:**

Lilian Keen

**District Office:**

Sault Ste. Marie Area Office

**Date:**

2015/06/29

**Signature**



*Lillian Keen*

**REVIEWED BY:**

**District Supervisor:**

**Name:**

Ron Dorscht

**District Office:**

Sault Ste. Marie Area Office

**Date:**

2015/06/30

**Signature:**



**File Storage Number:**

SI AL HS CU 610

**Note:**

"This inspection report does not in any way suggest that there is or has been compliance with applicable legislation and regulations as they may apply to this facility. It is, and remains, the responsibility of the owner and/or the operating authority to ensure compliance with all applicable legislative and regulatory requirements"

