



AGNICO EAGLE

**HUCKLEBERRY EXPLORATION
PROJECT**

WASTE MANAGEMENT PLAN

February, 2018

Document Control

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1.0 Introduction

This Waste Management Plan (WMP) is designed to reduce adverse impacts on the environment at the Agnico Eagle Mines Limited (AEM) exploration project. This WMP was developed for the Huckleberry exploration project located in the Nunavut territory west of the Hamlet of Whale Cove.

This WMP is designed to comply with project authorization terms and conditions for water use and waste management.

Section 2 discusses aspects of waste management at the Huckleberry exploration camp and exploration sites, including the operation of the on-site incinerator and the segregation of wastes designated for disposal off-site.

2.0 Management of Wastes

2.1 General Wastes

The incinerator will dispose of solid wastes from the accommodation camp, kitchen, shops, and offices that cannot be recycled. The incineration will divert wastes which could create odors and potentially attract wildlife. The materials to be incinerated will be limited to putrescible wastes such as paper, food packaging and food wastes. Until the incinerator is in operation at Huckleberry exploration camp, daily transport of waste could be sent to the Meliadine Gold Mine for proper disposal to avoid attracting wildlife.

The wastes are segregated at the source to minimize the potential for inadvertent loading of the incinerator with problematic materials. Appendix A shows the waste segregation at the camp site.

The main thrusts of the plan are:

- The minimization of the creation of dioxin and furan compounds that are a by-product of the incineration of some wastes. This is principally accomplished through the segregation of the incinerated wastes;
- The elimination of potential mercury sources from the incinerated wastes;
- The segregation and elimination of waste oils and oil stained materials from the incinerated wastes; and

- The segregation and elimination of industrial and household hazardous wastes from the incinerated wastes.

Wastes that are deemed not combustible in camp will be treated in the following manner.

- Scrap metal and used tires will be stocked in containers and transported to southern facilities to be recycled.
- Non-hazardous, solid “inert” wastes (wood, plastics, glass) will be disposed of in approved landfills or segregated and disposed of in a southern facility
- All hazardous wastes and waste items that cannot be incinerated will be securely packaged and sent to a proper treatment facility.
 - Prior to disposal, the hazardous wastes will be properly packaged, labeled, and stored and manifested in a Transportation of Dangerous Goods (TDG) approved shipping container;
 - The containers will have the appropriate hazardous waste labels.

2.2 Used Container Disposal

It is important to ensure the proper disposal of used containers that have contacted, collected or contained a hazardous or regulated substance (e.g. paint cans, oil cans, acid containers, aerosol cans). Generally, residual liquids will be collected in 205 liter metal drums, manifested as hazardous waste and shipped to a licensed hazardous waste treatment facility. The original containers could be cleaned and reused or packaged as hazardous waste and treated in a facility.

2.3 Hazardous Waste Generation and Disposal

Hazardous waste will be segregated on site, temporarily stored in appropriate containers located in seacan. AEM's hazardous waste generator number¹ is NUG 100031. Waste containers and their labeling will be inspected by an accredited TDG person and appropriate paperwork will be kept on file by AEM. Details of the types, amounts, documentation and destination of hazardous wastes will be documented. Final disposal or recycling will be done in authorized facilities located in the south.

¹ Agnico Eagle Mines Ltd has a single hazardous waste generator number for Nunavut.

2.4 Used Drum Disposal

Most of the used drums for Jet fuel and diesel (205 liter) can be reused on the site. They may be used for storage of other “used” products once emptied and cleaned. Unusable drums will be crushed and sent to a southern facility for recycling.

2.5 Used Tire Recycling and Disposal

Used tires must be recycled or disposed of if recycling is not possible. In general, all tires smaller than 24.5 inches (wheel rim size) can be recycled with an approved tire recycler.

No commercial recycling options exist for tires larger than 24.5 inches in diameter, so these tires may be disposed of in an approved landfill, reused at an AEM site or sent to a southern facility for disposal.

2.6 Camp Greywater

A grease trap to remove the grease and food waste will be installed and the greywater will be disposed of in a natural depression located at more than 31 meters from any water body.

2.7 Sewage

Pacto toilets waste will be incinerated or temporarily stocked in 205-litre drums with bolted lids and stored in seacan. Should the storage in 205-litre drums be the chosen option, the seacan would then be transported south for final disposal in an authorized disposal facility.

2.8 Drill Cutting

Drill cutting will be disposed of in natural depressions located at a distance of at least thirty-one (31) metres from the ordinary High Water Mark of any adjacent water body and where direct flow into a water body is not possible.

APPENDIX A: Huckleberry Waste Management



Huckleberry Waste Management

February 2018

Domestic Waste	Hazardous Waste	Recyclable Material	General Waste	Wood
<p>Organic matter including food/food containers and wrappings including plastics that are contaminated by food/paper/cardboard</p>	<p><i>Diesel/gas/oil filters/used oil/contaminated soil/contaminated spill material; rags, booms, absorbents/batteries/galons/empty pails/hydraulic hoses/plastic containers with oil or grease</i></p>	<p>Steel / Aluminium/ Copper</p>	<p>Plastic/air filters/water hoses/non-burnable wood (plywood, chip wood, painted or any treated wood)</p>	<p>Untreated wood</p>
				
<p style="text-align: center;">↓</p> <p style="text-align: center;">Incinerator</p>	<p style="text-align: center;">↓</p> <p style="text-align: center;">HAZMAT container</p>	<p style="text-align: center;">↓</p> <p style="text-align: center;">Appropriate container</p>	<p style="text-align: center;">↓</p> <p style="text-align: center;">Appropriate container</p>	<p style="text-align: center;">↓</p> <p style="text-align: center;">Wood burning pile</p>
				