

Waste Management Plan



Redbed Resources Corp.
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Introduction

Redbed Resources Corp. and its parent company, H. Coyne & Sons Ltd., are committed to supporting the sustainability of the natural environment, the people who rely on that environment, and to ensuring the health and safety of our workforce and the communities in which we operate. This Waste Management Plan details how the company will manage wastes generated from its exploration activities on the Redstone Property. In accordance with the appropriate regulations and industry best practices, the objective of this plan is to ensure that all wastes generated are identified, collected, and properly managed to ensure that no waste materials are left on site; that materials which can be re-used or recycled are directed into the appropriate streams; and that any wastes that cannot be re-used or recycled are properly managed once they leave the property.

The project will make use of the existing Coates Lake camp site as a base for operations. The current camp site was established in 2005. Camp waste typically consists of greywater, sanitary sewage, combustible waste, non-combustible waste, recyclable materials (including lubricants), and small quantities of hazardous waste.

The camp will consume approximately 500 litres of water per day in the kitchen and dry. Greywater will be disposed of in an established sump located approximately 55 m from any surface water body. Sanitary sewage will be disposed of in an established pit privy located approximately 90m from any water body. Combustible waste and food waste will be incinerated on site daily in an established burning barrel under the direction of the Camp Manager. Incineration ash will be stored in metal drums for back haul to Tungsten for proper disposal. Recyclable materials will be bagged for back haul to Whitehorse for proper disposal. Metal and non-combustible waste products will be packaged (drummed, bagged, or bundled, as appropriate) and flown off site to Tungsten for proper disposal.

Hazardous waste such as batteries, used oil and lubricants, will be stored in appropriate, marked containers and back hauled to Whitehorse for proper recycling or disposal.

Identification of Waste Types and Sources

The types of waste that will be encountered and/or generated during operations will consist of the following materials:

1. Burning Barrel Ash/Residue – generated from the burning of combustible waste and food waste
2. Used Batteries – from portable equipment
3. Chemical Waste – antifreeze from generator cooling system
4. Sanitary Sewage
5. Greywater – from kitchen and dry
6. Fuel, Oil and Lubricants – from oil changes in water pump and generator; from cleanup of minor spills
7. Domestic Refuse – combustible packaging and packing from food and supplies; food waste
8. Scrap Metal – primarily metal from packaging, wire from failed electrical and equipment cables
9. Plastic and Rubber Products – packaging and packing materials from food and supplies

Management of Each Waste Type

Waste management for each type of waste identified in the previous section will comprise:

1. Ash/Incinerator Residue – Disposal off-site (Tungsten).
2. Used Batteries – Package and recycle off-site (Whitehorse).
3. Chemical Waste – Disposal off-site (Whitehorse).
4. Sewage – Pit privy disposal on site.
5. Greywater – Sump disposal on site.
6. Fuel, Oil and Lubricants – Collect and store in drums for disposal/treatment/recycling off-site (Whitehorse).
7. Domestic Refuse – Incinerate then dispose of residue off-site (Tungsten).
8. Scrap Metal – Package, store and remove to Whitehorse for recycle.
9. Plastic and Rubber – Package, store and remove to Whitehorse for recycle.

All items removed to Whitehorse will be handled by H. Coyne & Sons Ltd. using best practices for the particular waste stream.

Bush and Trees

No bush or tree removal is expected to be necessary for the work planned.

Infrastructure Required for Waste Management

The necessary infrastructure for waste management is established at the Coates Lake camp, including: greywater sump, pit privy and burning barrel.

The greywater sump (approximately 2m x 2m x 1m deep) was constructed in 2005 when the current camp was established and is located approximately 55m from Coates Lake (the nearest water body). The pit privy also was established in 2005 (Figure 1).



Figure 1
Map of the Coates Lake Camp

0 10 20 30 40
 Meters

UTM NAD83 Zone 9N

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