



ABANDONMENT and RESTORATION PLAN

**Heburn Lake Project
Northwest Territories**

Table of Contents

	Page
1. Preamble	3
2. Introduction.....	3
3. Schedule.....	3
4. Infrastructure.....	3
5. Seasonal Shutdown.....	4
6. Final Abandonment and Restoration	5

**Hepburn Lake Project
Northwest Territories
Abandonment and Restoration Plan**

1. Preamble

This Abandonment and Restoration (A&R) is in effect until the expiry of Adamera's land use permit (currently being applied for) and applies to the work areas that are proposed by Adamera during their exploration program on the Hepburn property, Northwest Territories located approximately 450 km north of Yellowknife. Questions or concerns regarding this Plan can be directed to Zoe Pratt, GIS Manager for Adamera at 604 689-2010 or z.pratt@adamera.com.

2. Introduction

This A&R plan has been prepared for one temporary campsite plus fuel cache on Adamera's Hepburn Lake project in the upcoming years. The campsite location is on the north shore of Hepburn Lake at 66 ° 20 min 57 sec North, 115° 19 min 56 sec West. This camp was established under LUP W2009C003 and is accessible year round by helicopter or float/ski equipped aircraft.

The camp consists of 6 plywood floored, 2 x 4 walled canvas tents that include a dry/first aid facility, kitchen and 3 sleep tents and an office/storage facility. The footprint of the camp is roughly 100 metres by 50 metres (0.5 ha). The camp will also include one outhouse and can accommodate up to 12 people.

Exploration plans for the project currently involve early stage sampling, prospecting, mapping, and ground geophysics.

3. Schedule

The final restoration of the camp and drill sites will begin when the program is fully completed and will be finished prior to the expiration of the land use permit unless a renewal/extension is applied for.

As Adamera practices progressive reclamation such as filling sumps, removing garbage, equipment and empty fuel drums as the program progresses, the final restoration effort will be minimal.

4. Infrastructure

Camp

Structures: Three 14' x 16' wooden sleep tents
 One 14' x 16' kitchen tent
 One 14' x 16' dry/first aid tent
 One 14' x 16' office tent

- One outhouse
- One generator shack
- One heli-pad
- One incinerator
- One fuel cache with Spill Kit

5. Seasonal Shutdown

Buildings and Contents

All canvas tents will be removed from site for winter storage. Wooden structures (generator shack, latrine and tent frames) will be kept secured. All empty propane and fuel drums as well as the generator will be removed from site at the end of each season.

Water System

Pumps and hoses will be drained and dismantled. Pumps will be removed from site for servicing and storage. Hoses will be stored in the dry or generator shack for the winter months.

Fuel Caches and Chemical Storage

An inventory of all fuel at the cache will be made prior to camp demobilization at the end of each season as well as a thorough inspection of all full drums. Empty drums will be constantly backhauled to Yellowknife during the course of the program.

Waste

Combustible Waste: All combustible waste will be incinerated as the program progresses. All ash will be collected and disposed of in an approved site in Yellowknife. The burn barrel will be stored on site over the winter.

Non-combustible Waste: All non-combustible waste will be sent to Yellowknife via chartered aircraft to be recycled or disposed of by our contract expeditor, Discovery Mining Services. All carriers and receivers of this material will be informed of the need to register with the Government of NWT, Department of Environment as well as having the proper documentation in the form of a waste manifest.

Grey Water Sump: The sump will be inspected, marked, and covered for the winter.

Black Water: The latrine sump will be buried at the time of demobilization of the camp.

See attached Waste Management Plan for further details.

Contamination Clean Up

Any soil at camp that has become contaminated will be treated as per the Fuel Spill Contingency Plan. All non-combustible waste will be sent to Yellowknife via chartered aircraft to be disposed of by our contract expeditor, Discovery Mining Services. All carriers and receivers of this material will be informed of the need to register with the Government of NWT, Department of Environment as well as having the proper documentation in the form of a waste manifest.

Inspection and Documentation

A complete inspection of all disturbed areas (camp and fuel cache) will be conducted prior to seasonal closure of the project with a full inventory taken for each location. A photographic record will be kept of each work area and campsite before, during and after the project is complete.

6. Final Abandonment and Restoration

Buildings and Contents

All buildings and structures will be dismantled and removed. Wooden structures will be dismantled and pieces returned to Yellowknife where possible or burned and ashes sifted via powerful magnets to retrieve non-burnable items which will be removed from site.

Equipment

All equipment including generators and pumps will be removed from the project site.

Fuel Cache

All fuel drums will be removed. The site will be inspected and any contamination will be dealt with according to the Fuel Spill Contingency Plan. All debris will be removed. Final photos of fuel cache will be supplied.

Sumps

All sumps will be inspected and backfilled.

Camp Site

A final inspection of the camp site will be made to ensure no waste remains. Final photos will be taken.

Contamination Clean Up

Any contamination will be treated as per the Fuel Spill Contingency Plan (Attached). Any contamination and subsequent clean up will be documented with photographs. All non-combustible waste will be sent to Yellowknife via chartered aircraft to be disposed of by our contract expeditor, Discovery Mining Services. All carriers and receivers of this material will be informed of the need to register with the Government of NWT, Department of Environment as well as having the proper documentation in the form of a waste manifest. More details of this information can be found in Appendix IV (Guideline for the General Management of Hazardous Waste) of the company's Fuel Spill Contingency Plan.

Inspection and Documentation

A complete inspection will be conducted of all areas prior to closure. Photographs will be taken to document the conditions of each site prior to final demobilization for use in the final plan/report. All appropriate agencies will be contacted once final clean up is complete.