

Abandonment and Restoration Plan

ARCTIC WATCH LODGE

Prepared for Nunavut Water Board

Revised May 29, 2017

1. Preamble

The Abandonment and Restoration Plan applies to Arctic Watch Lodge, run by Canadian Arctic Holidays Inc. on Somerset Island, Nunavut, 74°04.5' north 93°46 east. The project is on a crown land lease land, application for a water license from the Nunavut Water Board (NWB) has been made.

2. Introduction

This abandonment and restoration plan has been prepared for Arctic Watch Wilderness Lodge. The fly-in camp is located 80 km south of Resolute Bay. The camp supports a population of up to 30 people and is open seasonably between mid June and Mid August depending upon the program supported. Arctic Watch Lodge has operated since 1992 as a tourist establishment. There is no plan to cease operations as a tourist establishment.

3. Schedule

An abandonment of Arctic Watch Lodge and restoration of the site should take two weeks following the final season of operation. The plan will be applied by, Arctic Watch personnel under the supervision of the field supervisor.

4. Infrastructures currently on site:

- Fridge
- Stove
- Grill
- Kitchen, pots, pan, dishes, etc.
- Dishwasher
- Tables, chairs, etc..
- Freezers with food (3)
- Boxed food
- Washer
- Hot water furnace (3)
- Water pump (electric)
- Water tank 800 gal

Water pump (gasoline)
Water lines
Infrastructures currently on site: (Continued)
12'X12' fabric tents (19 Units)
Tent frames (19 Units)
12'X120' fabric tents (3 Units)
Tent frames (2 Units)
Heating furnaces (6 Units)
Electrical wire and fixtures
Plumbing and fixtures
Generator (3)
Quads (10)
First Aid equipment
Office supplies
Small trailer for Quad (4)
Miscellaneous materials
Mercedes Unimog Truck (2)
8'X 16' Wooden Cabins (2)
12 x 16' Wooden Cabin (1)
12 x 12 Wooden cabins (4)
Main Lodge – Fabric Walls, Aluminum Frame

Section 1: Final Abandonment and Restoration Plan

1.1 Buildings and Content

All the reusable equipment (tents, tent metal frames, stoves, mattresses, kitchen stove, other kitchen appliances and equipment, showers, hot water tank, etc) will be packaged and flown out from project site to Resolute. Wood structures like the cabins, shelves, tent wooden floors, main lodge wood floor, beds and tables will be dismantled and burned. Nails, screws, anchors and other non-combustible parts will be recovered, packaged and flown out to an approved municipal discharged.

1.2 Water System

Pump, tanks and hoses will be drained, dismantled, packaged and flown out to Resolute.

1.3 Electrical System

The generator shed will be inspected for remaining hazardous waste (oil, grease) and will be drained of its fuel. Remaining waste fuel and oil will be collected in the containers labeled for that usage and used through the summer. The shed will be dismantled and burned. The soil will be inspected for contamination. Electrical wires, sockets, etc...will be taken down and either returned with camp material to Resolute.

1.4 Fuel and Chemical Storage Facilities

The fuel storage area consists of segregated groups of drums with empties apart from full drums. Full and empty drums will be flown out back to Resolute.

Propane cylinders will be flown out as well to Resolute. Remaining waste fuel, stored in a labeled drum will be flown out to a fuel outlet or discharge that accepts this type of fuel. Chemical stored on site will consist of oil, grease and household cleaners. Upon camp closure, any unused, oil or grease will be returned to Resolute. Half empty containers will be taken off site to be properly disposed in an approved discharge. Empty containers will be incinerated or shipped to Resolute Bay.

1.5 Waste Facility and Incinerator

Once the camp is entirely dismantled, all remaining combustible waste stored at this site will be burned. The incinerator will be dismantled, reusable parts will be returned to Resolute and the barrel will be discarded in an approved municipal discharge.

1.6 Grey water Sump

The kitchen grey water sump will be filled back and leveled.

1.7 Campsite

The campsite will have a final inspection

1.8 Documentation and Inspection

Photos of camp prior to building will be taken. Monitoring will be done during occupancy and photos taken. Once the site restored, it will again be documented with photos. Soil contaminated by hydrocarbons and unnoticed before abandonment will be treated as per the spill contingency plan.

1.9 Annual Close up Procedure (normally takes place in mid August)

Arctic Watch Lodge Close Up Procedures

1. Stack all furniture in Great Room, put away books, lay plastic tarp on the floor
2. Bring up kayaks, clean, store in Great Room
3. Clean, deflate and store the rafts in Great Room
4. Empty dozer of hydraulic and transmission oil, fuel, cover with tarp, fluids are put in plastic fuel containers stored in Generator Shack (Storage area has secondary containment)
5. Flush with water and empty all toilet
6. Blow water from cabin lines
7. Put covers on windows and doors
8. Put all linen and towels in water proof bags
9. Empty and put away fuel pumps, close drums
10. Put compacter under box on airstrip
11. Park Unimog in courtyard, change oil in planetary wheel housing, cover with tarp
12. Empty (almost) big fuel tank, close all valves. (This means that the fuel used up in the normal course of operation so that the tank is almost empty by the time we shut down)
13. Put dry food into freezers
14. Package left over food to give away in Resolute
15. Close up Refrigeration unit
16. Wash and clean kitchen
17. Wash and clean bathrooms
18. Empty sewage trailer, store in Great room

19. Put fuel stabilizer in all gas engines
20. Check / change oil in all ATVs
21. Cover windows and doors
22. Store all ATVs, trailers, boats in Great Room (secondary containment is put on the floor of the Great Room as sometime some of the ATVs leak small amounts of oil)
23. Clean and store grey water system in Court yard. lay drains on the ground away from potential snow drifts
24. Take down rope from the ferry, remove the Invincible from the river
25. Check to ensure all drums with fuel are tightly closed and place on the side
26. Pull up water pump, empty lines, store pump in garage, drain holding tanks, lay water lines on the ground away from potential snow drifts
27. Run generator until fuel tank is almost empty, turn off the generator, close the fuel line.
28. Put out pots of diesel throughout buildings
29. Bring garbage to Resolute (or Yellowknife)
30. Empty ashes from incinerator and bag ready for shipping to Yellowknife. (This is sometimes done in the spring before start up as it is not always possible to ship out ashes at the end of the season.)

1.10 Contact Information

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