

OPERATION AND MAINTENANCE

37. Have the water supply and waste treatment and disposal methods been used and proven in cold climate? What known O&M problems may occur? What contingency plans are in place?

Water Supply has been utilized for the past 3 years in extreme winter conditions. O&M problems that occur are freezing water lines. Solutions to this have been rectified by putting inline heaters in place to “super heat” the water at source and then pumped to holding tanks.

Waste treatment system has also has been utilized for the past 3 years in extreme cold conditions. O&M problems that arise are propane tanks freezing. Solutions to this have been to isolate tanks into a semi-heated ventilated room.

Contingency for water is hauling water on Skidoo and or in water storage tanks in water slop behind tractor.

Contingency for waste treatment consists of Portable Sanitation Stations. Waste is removed once a day and burnt in Garbage Incinerator.

ABANDONMENT AND RESTORATION

38. Provide a detailed description of progressive and final abandonment and restoration activities at the site.

At present, Ferguson Lake Lodge is a leased site. Reclamation of site by Starfield personal consists of trail remediation, burning of old refuse and general upkeep of camp facilities.

Upon termination of lease, any temporary structures built will be removed. Wood products brought in will be burnt and waste will be removed.

All drill sites are cleaned of refuse. All garbage is removed from site and taken back to camp and burnt in Garbage Incinerator.

All drilling equipment, and equipment on site will be removed via Hercules C-130 aircraft back to Thompson Manitoba (winter months) and or via barge out of Rankin during shipping season (summer)

All barrels for fuel storage will be removed back to Churchill for deposit return.

BASELINE DATA

39. Has or will any baseline information be collected as part of this project? Provide bibliography.

- ☐ Physical Environment (Landscape and Terrain, Air, Water, etc.)
- ☒ **Biological Environment (Vegetation, Wildlife, Birds, Fish and Other Aquatic**
- ☐ Organisms, etc.)