



Indian and Northern
Affairs Canada

Affaires indiennes
et du Nord Canada

#544436

INDUSTRIAL WATER USE INSPECTION REPORT

DATE: July 13/12 COMPANY REP: Josee + Richard Weber
LICENSEE: Canadian Arctic Holidays (Arctic Lodge) LICENCE #: 7BL-AWL1015
C Cunningham Inlet Lease #58F/2-1-2

WATER SUPPLY

Source: Cunningham River Quantity Used: approx 800 gallon/day Meter Rdg.: n/a *- water usage is recorded daily as per fill up rate.*

Indicate: A - Acceptable U - Unacceptable N/A - Not Applicable

Intake Facilities		Storage Structures	<u>A</u>	Treatment Systems	<u>N/A</u>	Recycling	
Flow Meas. Device	<u>N/A</u>	Conveyance Lines	<u>A</u>	Pumping Stations	<u>A</u>	Modifications	<u>A</u>

Comments: water is pumped from the river via electric pump (screen on intake hose); heavy natural erosion occurring, cutting into bank and river is shifting away from bank. water mark indicates water level was quite high earlier in the season. water pumped to holding tank above camp; gravity fed distribution. water from kitchen, sinks + showers goes through filter device and into sump (lined with geotextile membrane) for grey water disposal

WASTE DISPOSAL

Tailings: n/a Tailings Pond ☐ Natural Lake ☐ Underground ☐

Sewage: n/a Sewage Treat. System ☐ Tailings Pond ☐ Natural Water Body ☐
Continuous Discharge ☐ Inter. Dischg. ☐

Solid Waste: n/a Open Dump ☐ Landfill ☐ Burn & Bury ☐ Underground ☐

Indicate: A - Acceptable U - Unacceptable N/A - Not Applicable

Discharge Quality	<u>A</u>	Conveyance Lines	<u>A</u>	Disch. Meas. Dev.	<u>N/A</u>	Freeboard	<u>X</u>
Decant Structures	<u>A</u>	Pond Treatment	<u>N/A</u>	Dams, Dykes	<u>X</u>	Seepages	<u>A</u>
Dyke Inspections	<u>X</u>	Runoff Diversion	<u>X</u>	Erosion	<u>*</u>	Spills	<u>*</u>

Effluent Discharge Rate: N/A Samples Collected: N/A

Comments: marine toilets used - pumped out and into small "lagoon"; see above for grey water disposal comments; Garbage is separated into burnables (paper/wood), non-burnables and compost. Burnables are disposed of in "incinerator" and organics are composted outside of camp; other wastes are back hauled to Yellowknife via Arctic Sunwest - keeping waste records for backhauls and final disposal

GENERAL CONDITIONS

Indicate: A - Acceptable U - Unacceptable N/A - Not Applicable

Ore & Waste Rock Stockpiles	<u>n/a</u>	Records & Reporting	<u>U - Needs work</u>	Surv. Net. Prog.	<u>n/a</u>
Geotechnical Inspection	<u>n/a</u>	Posting, Signage	<u>No - Needs work</u>	Contingency Plan	<u>*</u>
Restoration Activities		New Construction		Fuel Storage	<u>*</u>
Mine Water Discharge	<u>n/a</u>	Chemical Storage		Annual Report	<u>N/I</u>

Comments: water for drinking is pumped directly from river for potable use; some filtration occurs but no further treatment or testing is done. No signage was observed regarding drinking water. Signage posted regarding waste segregation.

Violations of Act or Licence: Spill under bulldozer @ runway was observed; Lodge staff began cleaning it up once notified (person who was supposed to have dealt with it left on crew change flight) -> Spill report to be filed + contaminated substrate to be bagged and

General Comments: Lodge has been closed for the last 1 year (2010/2011) and is operating this year from June 23 - Aug 10th. -> Staff of 10 and ~18-21 guests at a time. Note: previous inspection occurred when lodge operation was closed

Page 2 attached ☒ Yes ☐ No

Shipped to Yellowknife for disposal.

Licensee Representative's Title

Inspector's Name

Licensee Representative's Signature

Inspector's Signature