

MVLWB Permits

From: DaveDRW <dave@drwgcl.com>
Sent: Monday, December 16, 2013 3:58 PM
To: 'Tyree Mullaney'
Cc: 'Permits'; 'Charlene Coe'; Scott.Stewart@aandc.gc.ca; Gerry Hess
Subject: RE: MV2013C0021 - New Discovery Mines Ltd. - Incomplete Letter - December 16, 2013

Thanks for the prompt review. We'll respond expeditiously.

New Discovery Mines Ltd.

Per: Dave Webb

From: Tyree Mullaney [<mailto:tyree@mvlwb.com>]
Sent: Monday, December 16, 2013 2:42 PM
To: 'DaveDRW'
Cc: 'Permits'; 'Charlene Coe'; Scott.Stewart@aandc.gc.ca
Subject: MV2013C0021 - New Discovery Mines Ltd. - Incomplete Letter - December 16, 2013

Good afternoon,

Please find attached a letter regarding the above noted file. If you require further assistance please feel free to contact me at the numbers listed below or via email.

Regards,

Tyree Mullaney

Regulatory Officer

Mackenzie Valley Land and Water Board

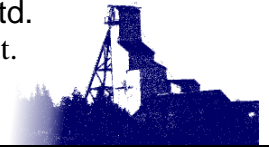
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Please note: All correspondence to the Board, including emails, letters, faxes, and attachments are public documents and may be posted to the Public Registry.





Mackenzie Land and Water Board
Box 2130
7th Floor, 4922 48th St.,
Yellowknife, NT
X1A 2P6

Tuesday, December 17, 2013

Attn: Tyree Mullaney

Re: MV2012C0021

Dear Tyree Mullaney

Please find our responses to your questions and comments.

1. Please provide the amount of explosives and type of explosives to be used at site;

We will have 200 25 kg bags of Amex (Ammonium Nitrate FO explosives) plus 500 Nonel detonators and four 150 m spools of B-Line).

2. Further detail is needed on the storage of fuel at site;

We have two options here. Our preference would be to use bulk storage.

a. How many fuel tankers will be on site?;

We would like to use a single tanker trailer that will hold a maximum of 20,000 litres of diesel fuel.

b. What is the maximum amount of fuel to be on site?;

Maximum fuel on site will be:

Fuel	Maximum	Container
Diesel fuel	20,000 litres	1 - mobile tanker
Jet B	800 litres	4 - 200 ltr drums
Gasoline	800 litres	4 - 200 ltr drums
Propane	400 lb	4 - 100 lb bottles

3. In the Spill Contingency Plan clarification is needed on the following item:

a. The contact numbers for New Discover Mines Ltd head office are incorrect, please provide the correct numbers.

New Discovery Mines Ltd.'s head office number is 1 604 818-1400. Please find attached revised Spill Contingency Plan in Appendix D2.

4. Please submit an updated equipment list including the equipment required for the construction of the winter road:

An updated equipment list is attached (Appendix C2)

5. Please provide additional detail on how the winter road will be constructed;
 - a. The winter road construction will commence in February or March. The route will be piloted using snowmobiles to mark the route and route conditions (ice and snow thickness, brush or other obstructions).
 - b. The JD 544 will clear snow off of ice surfaces and with the tire drag pack the snow on the portages. As this route has been used regularly for several decades, limited to no brushing is anticipated until the last 3 km, 1.5 km of which is on Discovery Lake. This would leave approximately 1.5 km of muskeg where the winter road that was used between 1988 and 1997 was established. Brush may have grown up here and may need cutting.
 - c. No flooding was required during the decade of operations in the past and it our expectation that nothing will require us to use water. If regulations require we use water, the closest large lake will provide water to tankers if needed, or to local hoses for distribution if needed.

6. What amount of water will be used for the construction, maintenance and operation of the winter road?


No additional water is expected to be required.

7. Please submit a Waste Management Plan (see the Guidelines for Developing a Waste Management Plan available on the MVLWB website)

Please find attached our revised Waste Management Plan.

Thank you for your prompt review, and please contact me should any other issues arise.

Sincerely
New Discovery Mines Ltd.,



Per: D.R. Webb

NEW DISCOVERY MINES LTD. MON GOLD MINE WASTE MANAGEMENT PLAN

Revisions:

Original Plan: October 2013

Revision 1: December 2013

Insert revision section

Entitle

Insert Contents page

Reformat entire plan

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Introduction

This Waste Management Plan relates to exploration activities in the Discovery Lake Area known as the Mon Gold Mine. A camp will be established near coordinates **NAD83 Zone 11 Easting 635,740 m Northing 6,977,330 m, or** Lat 62° 54' 02.05" N, Long -114° 19' 41.99" W. The locations of the project and camp are shown in the figures attached to the LUP Application.

Plan Applicability

This plan will serve all of the company's operations in and around the Mon Gold Property including winter road operations.

Environmental Policy

New Discovery Mines Ltd.'s Environmental Policy follows conditions and regulations of all permits and licenses and E3 Policies of the PDAC

PROTECT THE ENVIRONMENT

Objective: To conduct exploration activities in ways that create minimal disturbance to the environment and people.

Introduction

In most countries, environmental law, regulations and guidelines exist to provide direction for exploration activities. In the absence of these, explorers are advised to apply good practice as described in the e3 Plus Excellence in Environmental Stewardship Toolkit, and, in the case of more advanced exploration projects, the Performance Standards of the International Finance Corporation (2012). Policies and Management Processes In developing systems for the management of environmental and socio-environmental matters, explorers are encouraged to follow established guidelines and give consideration to the following:

- a. Adopt and make public policies and procedures for the management of environmental and social issues;
- b. Create a management and reporting structure that identifies objectives and allocates appropriate resources and responsibilities for the environmental and social aspects of exploration projects;
- c. Apply relevant national regulations and inform themselves of international good practice guidelines for environmental management;
- d. Establish procedures for the management of environmental issues that are relevant in the area of exploration. Explorers are encouraged to involve the local community in the identification and implementation of preferred environmental management options;

- e. Advance understanding amongst employees, contractors, local stakeholders and affected communities of the potential impacts of exploration and mining on the environment and relevant procedures to prevent and mitigate adverse environmental impacts;
- f. Take reasonable steps to ensure that contractors have the capacity to implement operational controls and comply with environmental policies and procedures; and
- g. Where possible, support capacity building and education of local stakeholders and affected communities in environmental management using appropriately qualified, independent experts.

Impact Assessment and Management

New Discovery Mines Ltd, their employees and contractors should be aware of the potential impacts of their activities on the environment and apply appropriate management processes to minimize or mitigate any adverse impacts. In doing so, explorers should consider the need to:

- a. Conduct an initial, and then periodic assessments of potential direct, indirect, and cumulative environmental and social impacts, risks and hazards of exploration activities on the environment and people;
- b. Conduct and document baseline environmental and social studies to establish any pre-existing conditions against which changes can be monitored, and share the results of such studies with local communities;
- c. Work with government and the local community to identify the potential to augment or complement existing land use and development strategies or plans;
- d. Where possible, incorporate local or traditional knowledge and practice into baseline studies and the management of environmental issues, but also be respectful of the nature of such information and maintain confidentiality;
- e. Have in place and periodically test procedures and equipment to respond to potential environmental incidents;
- f. Create and implement procedures for managing chance finds of archaeological sites, artifacts or cultural items;
- g. Use processes that reduce the consumption of energy and water and provide for the safe storage and disposal of hazardous materials and residual wastes; and
- h. Carry out continuous remediation and reclamation of lands affected by exploration activities.

Vulnerable Environments and Biodiversity

New Discovery Mines Ltd respects and protects vulnerable environments and species, as well as areas of biodiversity, and:

- a. Respect legally-designated protected areas and promote practices that support biodiversity assessment and management;

- b. Engage with indigenous peoples and local communities to identify valued environmental sites, and any other locations of importance to local people so that the exploration project is respectful of these areas; and
- c. Support the development and implementation of sound, inclusive and transparent approaches to land-use planning, biodiversity, conservation, and climate change, based on the best available data, including traditional knowledge.

Monitoring and Reporting

New Discovery Mines Ltd will implement processes of monitoring and reporting on environmental performance (see Principle 2) to inform management, government, local communities, shareholders, and other interested parties. New Discovery Mines Ltd will promptly report all environmental accidents or incidents to the local community and appropriate authorities and to actively share plans to manage the accident or incident. New Discovery Mines Ltd will consider the option to:

- a. Where possible, create a community based process for the participation of local stakeholders and other affected and interested parties in the monitoring and verification of environmental management performance and, where applicable, support capacity building so that such activities are meaningful and effective; and
- b. Prepare and publish regular reports on environmental performance that, wherever reasonably possible, are validated by local stakeholders and affected communities or other third party observers or auditors.

Purpose and Scope of the Waste Management Plan

The purpose and scope of New Discovery Mines Ltd.'s Waste Management Plan is to identify and manage waste resulting from exploration activities, including operation of a camp and any potential future use of an existing winter-spur route which may connect the camp seasonally to existing winter roads which passes near the Mon Gold Mine.

The goal of the Waste Management Plan is to mitigate environmental effects of New Discovery Mines Ltd.'s exploration activities and locations on land, vegetation, water, air, wildlife and fish, which have both intrinsic value to the ecosystem and sociocultural and aesthetic values to a variety of land-users.

The objectives of this Waste Management Plan are to re-establish the Mon Gold Mine Camp and conduct drilling and other exploration allowed under permits in such a way as to reduce/reuse and recycle where possible, and to handle and dispose of waste so as to obviate or minimize impact to environment, offer local employment and use local services as best complements the exploration program, to operate in compliance with governing authorizations and legislation, and to strive for continuous improvement in environmental management, which is a core objective of all environmental programs.

Project Description

New Discovery Mines Ltd. wishes to operate under a Land Use Permit from the MVLWB. A range of exploration activities, including prospecting, surficial rock sampling, underground bulk sampling, drilling and operation of seasonal tent camps are to be authorized under the permits under application. The WLWB authorization also will allow for operation along an existing winter road right of way and of a pre-existing 4 km-long winter spur route.

Proposed Location of Waste-Management Activities

Waste-management activities will occur within New Discovery Mines Ltd.'s Mon Gold Mine project, which are depicted in *Maps 1* and *2* below. Specific waste-management locations at the Mon Gold Mine and Camp environs will be: kitchen, dry, office and gen-shed, mine, shoppes, garbage bins and recycle bins;

- a. Greywater sumps behind the kitchen/dry building;
- b. Sewage near camp as outhouses.
- c. refuse drums for waste oils/fuels and solids;
- d. incinerator (where ash will be collected in sealed pails for out shipment and where domestic and office garbage will be incinerated), and
- e. in designated scrap-pile areas (sorted steel or lumber waste for recycling on site, or for out shipment and recycling or out shipment and proper disposal).
- f. Rock Piles denoted as waste or not waste.

Specific waste-management locations at drillsites will be as follows:

- a. separate refuse drums for waste oil/fuels and waste solids (used absorbents and rags, used/drained oil filters); and
- b. drill-cuttings sumps (where relict drillwater mixed with rock flour from drilling will be deposited).

In both the camp and at drillsites, secondary containment is used for drums and small equipment such as pumps and generators, and wherever fuel is transferred. All sumps are land-based and located the requisite 100m from ordinary high-water mark (OHWM) of waterbodies, unless a Land Use Inspector has provided prior approval for a closer distance, on the basis of assessed low risk of flow into any adjacent waterbodies and implementation of control measures such as berms and oil-absorbent booms or other barrier devices.

The Spill Contingency Plan is an evolving document which is kept updated with current MSDS for all products which may be brought to a worksite.

Historical Land-Use and Waste Management

The Mon Gold Mine area has been explored by successions of exploration companies since the discovery of gold here in 1937. The Mon Gold Mine operated between 1988 and 1997, accessed by three portals and one shaft. A 100 tpd gravity mill and associated tailings containment site are evidence of the potential here

Site and Setting Characteristics

The Mon Gold Mine lies within the Slave Structural Province of the Northwest Territories (the Slave Province), which is an Archaean segment of the North American Craton that covers 213,000 km². It is composed of granites, gneisses and supracrustal rocks. The Slave Province is a classical setting for diamondiferous kimberlites, rare earth element, light element and base and precious metal deposits.

For most of the year, the area is covered with ice and snow. Summer typically begins in June, when melting commences; winter usually arrives in October. Temperatures range from highs of around 25 during the brief summer months, to winter lows of -45 which are often magnified by strong, constant winds. Daylight varies from nearly 24 hours in the summer to only a few hours per day during the winter.

Landforms, relief and drainage have been strongly influenced by the effects of several periods of glaciation which, along with a weak fluvial incision, has produced a generally low-lying, undulose or wave-like terrain. Hills of granitic rocks and eskers rise about 15m above datum. The percentage of outcrop averages from about 1%-15%, although locally there are small areas with much higher percentages of outcrop. Frost-heave and/or shattered subcrop also occurs. Flat to undulose muskeg, with or without scattered boulder fields, is separated by treed areas and low hills. In areas of no outcrop, till cover averages from a few centimetres to tens of metres. Glaciation has also produced scattered glaciofluvial landforms such as eskers, braided esker complexes and deltas, outwash plains, boulder fields and alluvial fans.

Approximately 20% of the property is covered by lakes. River systems are juvenile and not deeply incised, however the Yellowknife River occurs to the east of the property. Water levels vary greatly with the season; they are highest during spring runoff and almost dry at the end of summer. Typical muskeg/ northern boreal forest vegetation comprised of black spruce, tamarack, pine, birch, aspen willow, labrador tea, bearberry, lichen and moss is present.

Caribou, wolves, foxes, rabbit, moose, ptarmigan, wolverines, ground squirrels and black bears are native to the area. Most of the larger lakes contain fish and support bird life. The terrain in the Discovery Lake area where the Mon Gold Mine Project and camp are located is rugged tundra with little topsoil, low-lying shrubs and a large percentage of exposed supracrustal rocks. The area contains hundreds of small, shallow, glacially-formed lakes. The Yellowknife River flows into Great Slave Lake.

Northern Pike and Lake Trout are the most common fish species found in proximal lakes. Other species included grayling and lake whitefish. Most lakes exhibited a well-defined littoral shelf, comprised of large boulder and/or cobble substrates; beyond this shelf, there is a dramatic drop into the pelagic zone.

Conclusion from Existing Site Data

Based upon findings to date, collected during a period of more intensive activity in the 1980's and 1990's, it can be predicted that proposed advanced exploration activities at the Mon Gold Mine projects have low potential of adverse environmental effects attributable to camp and drill waste, particularly given the existing Spill Contingency Plan, and Closure and Reclamation Plan, and corporate commitment to staff and contractor training.

WASTE TYPES - CAMP

Waste types at the Mon Gold Mine camp and mine are described herein.

Camp statistics: Expected period of operation = 4 weeks between March and April for the winter road activities and then again from May to October.

Maximum camp population = 8 persons

Footprint of camp compound = 50m wide x 100m long

Locations of waste generation:

- i. *Outhouse* (sewage); *kitchen/dry tent* (greywater, household garbage, recyclables such as cardboard, packing, tins and other containers);
- ii. *incinerator* (ash); *generator shed*: (waste oil and fuel, waste solids [filters, absorbents, rags], auto or marine battery);
- iii. *office* (household garbage, small batteries, recyclables such as paper, cardboard, cartridges and other office waste, *heli-pad* (waste oil and fuel, waste solids);
- iv. *fuel storage berm*, 100m S of camp compound (waste would be generated here if fuel transfer were to occur here. Otherwise, separate area of berm would be assigned for any drummed fuel waste generated elsewhere but not stored in the camp compound);
- v. Mine, rock waste, to be used or disposed in the areas marked on Map 3
- vi. Mine, rock not waste, to be stored in the areas marked on Map 3
- vii. Mine water, to be stored in an underground sump to clarify and remove oils, and then discharged into a sump on surface prior to final discharge into a low area >100 m from any stream.

Water usage resulting in greywater volume < 2m³ per day maximum when camp is at full occupancy

Waste types at Mon Gold Mine Camp will be as follows:

GREYWATER

Greywater/wash water from kitchen, dry

- Exit kitchen pipe fitted with grease trap;
- Exit openings of kitchen and dry pipes affixed with screen mesh to trap food particles, when weather permits;
- Environmentally-benign wash products and cleaners to lessen impact of greywater to fill material on which camp is sited;
- Monitoring of sump on a daily basis by camp staff;
- Focus on conservation of water is made during orientation and as a periodic topic during weekly camp environmental/health/safety meetings;

Greywater sump

- Sump distance from lakeshore: approx. 200m;
- Kitchen and dry pipes outfall to a natural depression area in the fill base on which the camp is sited; outfall is to a natural depression behind the kitchen/dry building;
- Approximate sump dimensions: 3m long, 3m wide, 1m deep;
- Greywater volume when camp at 8 persons < 2m³ per day maximum;

How sump functions:

- Greywater outfalls to sump depression and percolates through the boulder and cobble fill;
- Sump flow: Very gentle gradient, with flow in a NW direction which follows the orientation of the fill base and camp (see *Map 2*);
- Natural permafrost is below the thick layer of fill on which camp is sited;

To ensure public health, camp water supply is disinfected to NWT drinking water standard of at least 0.2mg/L free-chlorine residual for 20 min. after addition of sodium hypochlorite (Javex).

The potential environmental effects can be predicted to be minimal based on:

- (a) distance from lakeshore;
- (b) no direct impact with native soils or vegetation;
- (c) excellent filtering nature of coarse fill base, which directs any flow not absorbed away from ground N of camp;
- (d) use of environmentally-benign washing/cleaning products; and
- (e) daily monitoring of sump condition;

SEWAGE

Outhouse locations will be dug into the esker at locations east of camp. Structures will be moved as needed and pits will be filled as required.

WASTE LIQUIDS AND SOLIDS

Class 9 waste *UN 3082* (hazardous substance – liquid) and *UN 3077* (hazardous substance – solid)

Liquids

Mainly comprised of waste oils/lubricants and waste fuels collected from camp (generator, pumps, incinerator, tent refuelling) and from generation points away from camp compound and transported to camp for temporary storage/preparation and labelling prior to out shipment (helicopter, drillsite, Twin Otter refuelling).

Solids

Mainly comprised of heavy waste greases, used absorbents, used oil filters and rags; collected from camp (generator, pumps, incinerator, tent refuelling and fuel-berm maintenance) and from generation points away from camp compound and transported to camp for temporary storage/preparation and labelling prior to out shipment (helicopter, drillsite).

Volume per season: 2-3 205L sealed drums - waste liquid; 2 205L sealed drums - waste solids

Fate of final products: Disposal will be to a license shipper/ receiver in Yellowknife, accompanied by GNWT Waste Movement Document (form);

OTHER WASTE

Fuel Containers

Empty fuel drums (205L size) and propane cylinders (45kg size)

- Sent out on backhauls in winter

- Returnables – drums may be returned for deposit, propane cylinders may be refilled at propane depot in Yellowknife, if the tank has not expired;

Metal Scrap

Minor amounts of wire and nails, to an approved recycler; major percentage from mining or drilling rather than camp operations

- Sent out on backhauls, as scrap accumulates; est. out shipment = 500kg per season;
- Returnables – drill steel sent back to drill contractor; disposables – other steel scrap accepted by approved recycler.

Batteries

Small (AA, AAA, C, D) = approx. 48 per year; two or three auto or marine lead-acid battery for generator in resistant sleeve or holder;

Disposables sent to designated area of Yellowknife landfill; occasional auto or marine battery will be disposed to and accepted by Yellowknife Landfill OR recycled.

Miscellaneous Chemicals

All products stored in their original containers, in secondary containment tubs or on lined storage shelves; camp staff trained in proper use, including wearing of PPE supplied for program

- Minor amounts of gas-line antifreeze for skidoos = small containers totalling approx. 5L;
- anticipated drillsite volume of containerized antifreeze approx. 10L per program;
- Minor amounts of cleaners, solvents = small containers totaling approx. 10L per program;
- Disposed to hazardous substances – solid (UN 3077) drums or pails;
- Disposal of sealed waste solids drum by out shipment to approved shipper/receiver.
- Household-strength and non-regulated products disposed to Yellowknife Landfill designated area for household waste;

Wood Waste

Construction scrap – lumber and timbers (untreated) and occasion timbers (treated)

- Recyclable on site (stacked and stored) or unusable clean scrap wood out shipped to Yellowknife Landfill designated area; scrap may be incinerated or burned;
- Recyclable on site (stacked and stored for future use on fill area), recyclable to another project or, if unusable, out shipped to an approved shipper/receiver for proper disposal or potential recycling;

Kitchen and Dry Waste

Cooking and food waste (70% of total) + cardboard and packaging waste (10%) + containers (glass, plastic, tin or aluminum containers and aerosol cans (20%))

- Incinerated daily in camp incinerator unit;
- cardboard and packing waste: cardboard used for balancing load of wet garbage for incineration; excess cardboard and related clean packaging sent out as recyclables;
- non-burnable clean packaging, such as plastic and Styrofoam: Recyclables, sent out to a Yellowknife recycling depot;
- punctured aerosol cans: Collected in a bin in kitchen and dry and sent out to an approved disposal site;
- Recyclables sent to a Yellowknife recycling depot;
- non-recyclables sent to Yellowknife Landfill designated area for containers by type;

Office Waste

Cardboard and paper waste (80% of total) + cartridges (printer, plotter) (4.5%) + household garbage (15%)

- Incinerated in camp Incinerator unit;
- cardboard and paper waste: cardboard used for balancing wet garbage for incineration;
- excess cardboard sent out with recyclables; paper recycled, then incinerated when past its use;
- Returnables sent back to manufacturer;

WASTE TYPES – DRILLSITES

Waste types at a core-drill site will be the same from site to site.

DRILLWATER WITH CUTTINGS

Portion of water not recirculated (20%) and containing cuttings (clean rock flour)

- Pumped through a sludge line to a natural depression or outcrop area (natural land-based sump)
- Monitoring of drill logs and drillwater continually by rig geologist;

Drillwater sump

Sumps are located at least 100m from waterbodies or at such other distance as may be preapproved from time to time by a government Land Inspector, but in all cases are sited and controlled such that any flow is directed away from waterbodies;

- control measures may include snow/ice berms, earthen berms, manufactured barriers and silt fences to retain solids and allow passage of clean water;
- Sumps are monitored continually during drilling; winter sumps are re-checked in thawed summer conditions to ensure slow percolation through thawed active soil layer; documenting photos are taken at hole closure/end of sump use and at re-check;
- all cuttings report to a land-based sump;
- Water used and reporting to sump (1 core drill) = 3 m³ /day;
- Experience derived from 30 seasons of reclamation/monitoring sumps in this area have demonstrated that even larger sumps can be successfully restored to their former condition and that vegetation can and does re-establish, and wildlife return to forage the re-established growth;

DRILLSITE MATERIALS

During and after drilling, considerable effort is expended on waste control

- Waste ranging from lathe, wood and metal scrap to empty containers and empty drums and cylinders is regularly removed during the operation and nothing left behind when the hole is closed (casing cut on land);
- Waste fuel and oil is deposited into sealable refuse drums at drillsite (UN 3082 waste);
- Waste solids (UN 3077 waste) such as empty containers, punctured aerosol cans, used absorbents, rags, oil filters) are deposited into sealable refuse drums at drillsite;
- Refuse drums are regularly returned to camp for out shipment and will be disposed to an approved shipper/receiver;
- Fuels will not be stored on lake ice;
- storage is on land in secondary containment;

- Site conditions are checked during and post-drilling;
- Hole drilled in winter are re-checked in summer to ensure snow has not inadvertently obliterated some items such as wood scrap;
- Household garbage: Items packed in for a drill shift are packed out at end of shift and incinerated with other household garbage, if burnable, such as food and packing waste;
- Waste solids (UN 3077 waste) such as empty containers, punctured aerosol cans, used absorbents, rags, oil filters) are deposited into sealable refuse drums at drillsite;

ROCK, WASTE

Rock excavated during the mining program will be stored at the site denoted for such use on Map 3.

- Samples of each geologically identifiable rock type will be collected, consolidated, and tested for various environmental parameters.

ROCK, NOT WASTE

Rock excavated during the mining program will be stored at the site denoted for such use on Map 3.

- Samples will be collected, consolidated, and tested for various environmental and metallurgical parameters.

SPILL CONTINGENCY PLAN

A separate Spill Contingency Plan details spill-response measures for a wide range of hazardous waste types, as well as contact information for New Discovery Mine Ltd. officials, contractors and government personnel, including the Spill Line phone number, spill report form and instructions, and reportable-quantities table.

Waste Handling

Contaminated soils which may be collected as a result of inadvertent fuel or oil spills at camp or at a drill site are collected in sealable pails or drums, labelled and outshipped with GNWT Waste Movement Document forms. As per Peregrine's separate Closure and Reclamation Plan, soil areas may be sampled according to Canadian Council of Ministers of the Environment (CCME) criteria, if necessary;

- Contents treatable via deposit to special treatment area at Yellowknife Landfill OR disposed to approved shipper/receiver, for treatment or out shipment to a final treatment source, OR land farmed on site.
- Contaminated snow which may be collected as a result of inadvertent fuel or oil spills at camp or at a drill site are collected in sealable pails or drums, labelled and out shipped with GNWT Waste Movement OR landfarmed on site.

Document forms.

- Treatable via oil/water separation at registered waste receiver
- contaminated snow or water in secondary-containment berms:
- Rain drain attachment to manufactured fuel berms captures hydrocarbons which are then transferred to a hazardous waste
 - liquids drum for eventual removal from site.
 - Absorbents are used to absorb hydrocarbons, and used absorbent pads are then transferred to a hazardous waste

- solids drum for eventual removal from site.

Table 1. Summary of Waste Products Anticipated to be Produced

WASTE ITEM	TYPE	MANAGEMENT METHOD(S)	ENVIRONMENTAL EFFECTS
CAMP GREYWATER	Non-hazardous	Disposal to sump	None expected
CAMP SEWAGE	Non-hazardous	Outhouse	None expected
WASTE LIQUIDS, SOLIDS	Hazardous	Disposal Collected and shipped	None expected
EMPTY DRUMS, CYLINDERS	Potential hazardous	Returned to supplier	None expected
METAL SCRAP	Non-hazardous	Recycle	None expected
BATTERIES - SMALL	Potential hazardous	Recycle, dispose to registered site	None expected
BATTERIES – AUTO/MARINE	Potential hazardous	Recycle, dispose to registered site	None expected
MISCELLANEOUS CHEMICALS	Potential hazardous	Disposal Collected and shipped	None expected
WOOD WASTE - UNTREATED	Non-hazardous	Recycle / burn / bury	None expected, minor smoke
WOOD WASTE - TREATED	Hazardous	Recycle, dispose to registered site	None expected
HOUSEHOLD WASTE – CAMP AND DRILLSITE	Non-hazardous	Incinerate / recycle	None expected, minor smoke
ASH FROM INCINERATION	Potential hazardous	Disposal Collected and shipped	None expected
OFFICE WASTE	Non-hazardous	Incinerate / recycle	None expected, minor smoke
DRILLWATER WITH CUTTINGS	Non-hazardous	Disposal to sump	None expected
ROCK, WASTE	Non-hazardous	Disposal in designated area	None expected
ROCK, NOT WASTE	Non-hazardous	Disposal in designated area	None expected
CONTAMINATED SOILS, SNOW/WATER	Potential hazardous	Collect and Landfarm	No long term, short term treatment period

INCINERATION GUIDELINES

ITEMS WHICH CAN NOT BE BURNED

- Styrofoam
- Plastics
- Waste oil, any waste hydrocarbons
- Wood treated with preservatives
- Metal
- Glass

ITEMS WHICH CAN BE BURNED

- Food scraps
- Wood
- Paper
- Organic material, cloth (cotton/wool)
- Fuel and oil (fresh / clean)

GUIDELINES

- Be sure to wear gloves before handling any waste.
- Separate waste into what can be burned, and what cannot be burned at the source, e.g., kitchen
- Burn food wastes daily to avoid accumulation of garbage (wildlife attractant)
- Make sure the ashes are cleaned out prior to each burn
- Never leave the incinerator unattended while burning
- Keep the area around the incinerator tidy, do not leave any garbage
- Place ashes in an empty drum which will be sealed and shipped off site (when full) for disposal in an approved landfill
- Non combustibles shall be prepared and stored for winter transport or flown out.