



WASTE MANAGEMENT PLAN

Hornby Basin Property, NU

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Effective Date: November 2025
Revised Date: July 2026

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1 Introduction

This Waste Management Plan (“WMP”) has been prepared on behalf of Future Fuels Inc. (“Future Fuels” or the “Company”) in accordance with applicable legislation, guidelines, and best practices relevant to activities at the Hornby Basin Property (the “Property” or the “Project”) in Nunavut, Canada.

The WMP is scheduled to take effect in November 2025, pending approval from all relevant regulatory authorities, and will be revised if there are any significant changes to the activities outlined in existing permits.

Along with this WMP, an Emergency Response Plan (“ERP”), Environmental Management Plan (“EMP”), Spill Contingency and Fuel Management Plan (“SCFMP”), Abandonment and Restoration Plan (“ARP”), and Radiation Hazard Control Plan (“RHCP”) will be created for the Property as part of a project-wide management system.

1.1 Project Description

The Hornby Basin Property (the “Property” or the “Project”) consists of 232 contiguous mineral claims covering approximately 3,355 km² (335,518 hectares) and six contiguous mineral leases covering approximately 62 km² (6,195 hectares). It is located on NTS map sheets 086M08, 086N01–N03, 086N05–N07, 086O03–O04, 086K16, and 086J12–J14, and is centered at 523,237mE, 7,441,310mN (NAD83 UTM Zone 11N), approximately 95 km southwest of Kugluktuk. The Property overlaps with both Crown Land and partially overlaps Inuit Owned Lands (“IOL”) parcels CO-52, CO-53, and CO-60. Future Fuels Inc. (“Future Fuels” or the “Company”) holds a 100% interest in the Property.

Exploration activities at the Property to date include ground geophysical surveys. No exploration activities are planned to take place on Inuit-owned lands.

Future Fuels is proposing a 2026 exploration program on the Property, anticipated to run for approximately 185 days beginning in May and ending in October (weather permitting). Similar field programs, including the same types of exploration activities, are expected to take place annually between May and October in subsequent years. Specific dates will be relayed to the CIRNAC engineer and any other necessary regulatory agencies.

The proposed exploration program will include general exploration activities, such as prospecting, geological mapping, geochemical sampling (rock, soil, till), drone photogrammetry, airborne or ground geophysics, downhole geophysics and core drilling for up to 2 diamond drill rigs. Drillhole depth is expected to average <500m with the total annual program expected to be less than approximately 10,000m. Drillhole locations are still to be determined, but locations will be submitted to the Nunavut Water Board (“NWB”) and Crown-Indigenous Relations and Northern Affairs Canada (“CIRNAC”) for approval prior to any ground disturbance. All planned drillhole pads will be inspected for the presence of archaeologically significant artifacts prior to commencement of drilling.

The 2026 program will include the establishment of a seasonal 25-person camp near Mountain Lake or Mouse Lake, including a storage facility and a dedicated fuel cache. Planned camp infrastructure consists of 10-12 canvas sleeper tents (or similar), two kitchen tents/dry tents (with showers), one office tent, two core logging tents, a generator shack, a storage facility, a fuel cache, and incinerator, and outhouses or a pecto system. Most camp structures will be canvas prospector-style tents, or similar units, typically set

up with plywood flooring. The final camp location will be communicated with the relevant regulatory bodies prior to mobilization.

If required, a short-term, smaller-scale fly camp may also be established to support work in the southeastern portion of the Property. Any such temporary camp would include only essential structures and would be demobilized once work in that area is complete.

Three to five camp construction personnel will be on site for approximately 15 days (9 days for set up and 6 days for take down). Staff on site for the duration of the work program will consist of up to 3 to 5 geologists, 2 helicopter-company personnel, 1 to 2 cooks, 1 camp manager, and up to 12 drill company-personnel. Total amount of time spent on site will amount up to approximately 4,625 man-days per calendar year. This man-day estimate assumes full occupancy (25 personnel) for the full 185-day operational window.

All waste, including organic and inorganic materials, will either be incinerated on-site in accordance with regulatory guidelines or transported to Kugluktuk, NU, or Yellowknife, NWT for proper disposal.

The proposed work will be helicopter-supported and require the occasional landing of the aircraft. To mitigate any potential impact on wildlife, the helicopter will always maintain a minimum altitude of 610 m (2,100 ft) above ground level except during landing, take-off or if there is a specific requirement for low level flying (e.g. airborne surveys, drill rig moves, camp assembly). Wildlife will be avoided, and the helicopter will not land in the presence of wildlife except in an emergency.

All empty fuel drums will be brought back to Kugluktuk, NU, or Yellowknife, NWT for disposal.

The Nunavut Planning Commission (“NPC”) previously reviewed works associated with the Property and issued conformity determination (August 15, 2025), confirming that the Project is located outside the area of an applicable regional land use plan. The associated NPC File number is 150888. Activities on the Property have not been previously screened by the Nunavut Impact Review Board (“NIRB”) or other regulatory agencies.

Absolutely no activities will be conducted that will interfere with caribou cows and calves, and no exploration activities will cause a diversion in the migration patterns of any caribou. Future Fuels will communicate with all interested parties regarding caribou sightings and appraised movements in the area.

Notifications will be sent to the Hamlet and the Hunter and Trappers Organization, and in the event that further consultation is required, Future Fuels will ensure that best efforts are made to engage with the community and organizations as advised by regulatory agencies.

1.2 Applicable Legislation and Guidelines

1.2.1 Federal

- Canadian Centre for Occupational Health and Safety Act
- Canadian Environmental Protection Act
- CCME Environmental Codes of Practice for Aboveground and Underground Storage Tank Systems Containing Petroleum and Allied Petroleum Products
- Fisheries Act
- National Fire Code of Canada
- Northern Land Use Guidelines

- Nunavut Waters and Nunavut Surface Rights Tribunal Act
- Storage Tank Systems for Petroleum Products and Allied Petroleum Products Regulations
- Transportation of Dangerous Goods Act
- Workplace Hazardous Materials Information System (WHMIS)

1.2.2 Territorial

- Environmental Guideline for the General Management of Hazardous Waste
- Environmental Protection Act
- Fire Prevention Act
- Mine Health and Safety Act and Regulations
- Nunavut Occupational Health and Safety Regulations
- Public Health Act
- Safety Act
- Guidelines for Spill Contingency Planning (Government of Nunavut)

2 Waste Management

2.1 Definition of Wastes

At the Hornby Basin Property, waste refers to any material or substance that is no longer usable for its original purpose and is designated for recycling, disposal, or storage. According to the Environmental Guideline for the General Management of Hazardous Waste issued by the Nunavut Department of Environment, hazardous waste includes “unwanted materials or products capable of causing harm or fatality to humans, flora, and fauna.” This category may include waste petroleum products, solvents, paints, chemicals, batteries, and mixtures of hazardous and non-hazardous materials (referred to as mixed waste).

Non-hazardous waste consists of materials that do not pose an immediate threat to human health or the environment and can be managed using standard disposal or recycling methods. As defined in the Environmental Protection Act and the Nunavut Environmental Guidelines for Solid Waste Management, non-hazardous waste includes inert solid waste (such as rubber materials, scrap metal, glass, and plastics), combustible waste (including food waste, untreated wood, paper, and cardboard), and camp-generated wastewater (such as greywater and sewage).

Waste management activities will comply with all applicable regulatory requirements to minimize environmental impacts. This includes proper containment, recycling initiatives, and controlled incineration where appropriate

2.2 Waste Sources

Tables 2.1 and 2.2 provide a summary of the expected types of hazardous and non-hazardous (inert) wastes to be generated at the Property.

Table 2.1 Non - hazardous (Inert) Wastes

Waste Type	Examples	Estimated Quantity Generated	Treatment/Disposal Method
Sewage	Human waste	≤ 25 people	Outhouses/pacto toilets will be used. Waste will be treated with lime and/ or incinerated in

Waste Type	Examples	Estimated Quantity Generated	Treatment/Disposal Method
			a specialized incinerator for that waste type, with ashes transported to an approved disposal site.
Camp greywater	Water from kitchen, sinks, showers	≤ 10 (m ³ /day)	Sumps located adjacent to camp; allowed to percolate into overburden; minimum distance of 31 m from nearby water sources
Combustible solid waste	Food wastes, paper, untreated wood	Variable	Sent to incinerator daily. Food wastes will be stored in a lockable, bear-proof container.
Non-combustible solid waste, bulky items, scrap metal	Scrap metal (i.e. empty drums, nails/screws), glass (i.e. bottles, jars), rubber products (i.e. tires, floor mats), plastics (i.e. bottles, packaging, bags), non-hydrocarbon contaminated equipment (i.e. motors, fans, heaters, pumps, screens)	Variable	Stored in sealed containers, removed, and taken Kugluktuk for proper disposal
Drill greywater/sludge	Drill cuttings (non-mineralized) and water	≤ 289 (m ³ /day)	A sump beside the drillhole maintaining a minimum of 31m distance from water sources.

Table 2.2 Hazardous Wastes and Pollutants

Waste Type	Examples	Treatment/Disposal Method
Incinerator ash	Ash from the incinerator	Stored in sealed containers and transported to an approved disposal site.
Hazardous waste or oil	Used oil	Stored in sealed containers, removed, and taken to Kugluktuk for proper disposal
Contaminated soil/water	Hydrocarbons	Stored in sealed containers, removed, and taken to Kugluktuk for proper disposal
Radioactive contaminant	Mineralized drill cuttings	Benign cuttings stored in a natural depression near drill site. Uranium concentrations $> 0.05\%$ U ₃ O ₈ sealed in 205L steel drums, a minimum of 100m from the high water-mark of any water body. Drums to be kept at short-term storage at property until proper disposal and transport to an approved facility.
Petrochemicals	Diesel, jet fuel, gasoline, various oils	Contaminated or expired fuels remain in original, tightly sealed containers within the fuel storage area. These will be moved to the hazardous waste storage area for backhaul to an approved facility.
Solvents	Cleaning products	Packaged in labeled, tightly sealed containers. Stored in the hazardous waste storage area until backhauled to an approved facility.

Waste Type	Examples	Treatment/Disposal Method
Electronics	Computer parts, circuit boards, transformers	Stored in sealed containers in the hazardous waste storage area and backhauled for recycling or disposal.
Fluorescent tubes	Regular and compact fluorescent tubes	Packaged in original (or equivalent) containers, stored in a watertight enclosure within the hazardous waste storage area, and backhauled to a hazardous waste recycling/disposal company.
Batteries	Dry cell batteries, button batteries, lead-acid based batteries	Stored in designated containers at various locations, then placed in appropriate shipping containers and backhauled to an off-site recycling facility. Lead-acid and rechargeable batteries stored in a 205L plastic drum within the hazardous waste storage area and backhauled from site as necessary.
Contaminated soil	Contaminated soil/snow/water	Sealed in 205L steel drums, stored in the hazardous waste storage area, and backhauled to an approved facility.

2.3 Waste Management Activities

Waste management operations at the Property include a range of practices designed to reduce waste generation and ensure responsible handling of all materials produced on site. Waste will be sorted at the source into color-coded containers for organics, incinerable materials, recyclables, non-combustibles, and hazardous waste. Any waste that cannot be incinerated will be placed in appropriate containers and stored for off-site treatment or disposal at an accredited facility.

2.4 Waste Recovery and Reuse

Recovery and reuse options at the Property are limited by the remote location and the equipment and technology available on site. Despite these constraints, all practical opportunities for waste recovery and reuse will be pursued wherever feasible.

3 Waste Classification and Disposal Plan

3.1 Hazardous Wastes

Before transport of hazardous wastes, the following steps will be followed per the GN's Environmental Guideline: General Management of Special and Hazardous Waste:

1. The person or organization that produced the waste must register with the ENV as a Hazardous Waste Generator (see forms in Appendix 3 – referenced as Appendix C in “*General Management of Special and Hazardous Waste*”).
2. The person or organization that is transporting the waste must register with the ENV as a Hazardous Waste Carrier (see forms in Appendix 3 – referenced as Appendix B in “*General Management of Special and Hazardous Waste*”).
3. A Movement Document/Manifest must be obtained and completed. You can obtain a Movement Document/Manifest from the ENV.

4. The completed Movement Document/Manifest must accompany the shipment to its final destination at a waste disposal facility.

All hazardous wastes will be placed in sealed containers and stored within Arctic Insta-Berms, or similar secondary containment systems, until they can be backhauled for recycling or proper disposal. A designated hazardous waste storage area will be established adjacent to the main fuel cache.

All Material Safety Data Sheets (MSDS) / Safety Data Sheets (SDS) for hazardous materials on site are provided by the suppliers and are intended for use during spill response or emergency situations. Copies of the MSDS/SDS documents can be found in Appendix 2 of the Hornby Basin SCFMP, where employees can review and familiarize themselves with the chemicals stored and used on site.

3.1.1 Used Oil

Waste lubricating oils, from vehicles, generators, pumps, or other equipment will be collected and stored in labeled 205 L steel drums and backhauled to a registered hazardous waste receiver.

3.1.2 Hydraulic Fluid

Whenever possible, hydraulic fluids will be filtered and reprocessed for reuse. Hydraulic fluid that cannot be reprocessed will be sealed in labeled 205 L steel drums and stored in the hazardous waste storage area until the product can be backhauled to an approved facility.

3.1.3 Contaminated or Expired Fuels

Contaminated or expired fuels, such as Jet A aviation fuel, should remain clearly labeled and tightly sealed in their original containers within the fuel storage area. The fuels will be moved to the hazardous waste storage area for backhaul to an approved facility.

3.1.4 Solvents

Whenever possible, non-toxic alternatives will be used in place of petroleum-based solvents. Excess or waste solvents will be packaged in clearly labeled, original, tightly sealed containers, or manufactured containers designed for solvent transport. Waste solvents will be stored in the hazardous waste storage area until backhauled to an approved facility.

3.1.5 Contaminated Soil, Snow, and Ice

Any contaminated soil, snow, or ice will be cleaned up immediately in accordance with the Hornby Basin SCFMP. All contaminated soil, snow, and ice will be sealed in 205 L steel drums and stored in the hazardous waste storage area to await backhaul to an approved facility.

3.1.6 Used Rags and Sorbents

Used rags and sorbents will be placed in clearly labeled, tightly sealed containers, such as 205L steel drums, and stored in the hazardous waste storage area until disposal or backhaul is possible. Granular sorbent will be stored in drums and backhauled to an approved facility.

3.1.7 Drilling Fluids (additives)

Recirculation and filtration equipment will reduce water use and limit additive release. Secondary containment will surround the drill hole, and residual drill fluids will be collected in sumps or natural

depressions, preventing direct entry into water bodies. Sumps will be at least 31 m from the high-water mark and positioned downslope to capture runoff. Full sumps will be covered to allow for ground settlement. Biodegradable drill additives will be used whenever possible.

3.1.8 Empty Hazardous /material Containers and Drums

Empty containers will be stored in a designated area and returned to the supplier. Drums may alternatively be drained, air dried, backhauled to a recycling facility. Any residual fuels drained will be consolidated into drums and backhauled to an approved facility.

3.1.9 Waste Batteries

Generation of waste batteries will be reduced by properly maintaining batteries to prolong life and by replacing non-rechargeable batteries with rechargeable alternatives whenever possible. Even with proper maintenance, all batteries will eventually deteriorate and reach corrosive materials and the release of metals into the environment.

Dry cell batteries are used in equipment such as hand-held radios and GPS units, flashlights, and cameras. Some of these types of devices utilize rechargeable battery packs, but others use general dry cell battery types such as AAA to D cells, 6- or 9-volt consumer batteries, and button batteries. Specific containers will be set up in the office, drill sites, and common spaces to collect dry cell batteries. The batteries will be placed in appropriate shipping containers and backhauled to an off-site recycling facility.

Waste lead acid batteries and rechargeable batteries will be temporarily stored in a 205 L plastic drum, within the hazardous waste storage area. These types of batteries can only be stored in this manner in quantities of 1000 kg or less and for periods of less than 180 days. All waste lead acid and rechargeable batteries will be backhauled from site as necessary to conform to regulations.

3.1.10 Aerosol Cans

The use of aerosol cans at the Property will be limited. Whenever possible, alternatives, such as spray bottles, will be used in place of aerosol cans. Any waste aerosol cans will be collected in specific containers around camp and drill sites. The cans will be stored in the hazardous waste storage area until backhauled for disposal.

3.1.11 Fluorescent Bulbs and Tubes

Waste fluorescent bulbs and tubes will be packaged in their original (or equivalent) containers and stored in a watertight enclosure in the hazardous waste storage area until backhauled to a hazardous waste recycling or disposal company. Fluorescent bulbs and tubes are considered hazardous waste if broken and should be handled accordingly.

3.1.12 Radioactive Waste

A cutting retrieval system captures drill cuttings during operations. Benign cuttings are stored in a natural depression near the drill site. If uranium concentrations exceed 0.05% U_3O_8 , cuttings will be sealed in 205L steel drums and temporarily stored on an elevated, dry outcropping at least 100 m from any waterbody. The exact location will be approved by NWB and CIRNAC before use. Drums will remain in short-term storage until transport and disposal at an accredited facility are arranged.

3.2 Inert Non-Combustible Solid Wastes

Labeled bins will be provided at various locations around camp and at drill sites for each type of waste listed below. Effort will be made to reuse or repurpose any materials before disposal is considered.

3.2.1 Rubber Materials

Hoses, and other rubber materials that cannot be repaired or repurposed will be backhauled for recycling or disposal.

3.2.2 Scrap Metal and Glass

Scrap metal and glass will be repurposed for alternative uses whenever possible. Any residual metal or glass that cannot be reused will be placed in 205 L steel drums and backhauled for recycling.

3.2.3 Electronics

Electronics and electrical equipment will be collected and stored in sealed containers within the hazardous waste storage area and removed from site for recycling or disposal.

3.2.4 Mechanical Equipment

Mechanical equipment, such as generators, that are no longer usable, will be removed from site for refurbishment or recycling/disposal. Equipment awaiting backhaul will be stored in a specially designated, bermed area.

3.3 Inert Combustible Solid Wastes

Combustible waste will be incinerated in a batch feed smart-ash controlled air incinerator, in accordance with the Environmental Guideline for the Burning and Incineration of Solid Waste by the Nunavut Department of Environment and the Canada-Wide Standards (CWS) for Dioxins and Furans by the Canadian Council of Ministers of the Environment. Ash generated from the on-going incineration will be stored in sealed 205 L drums. Ashes from incineration will be removed and taken to approved disposal site in Kugluktuk or Yellowknife.

All attempts will be made to reduce the moisture content of waste to be incinerated, which will decrease the amount of smoke produced and increase the completeness of combustion. All waste will be covered and stored inside sheds or other secure buildings to keep rain and snow out of the waste and reduce the attraction for wildlife. If wet waste must be burned, such as organic (food) waste, the wet waste will be mixed with dry waste to reduce the overall moisture content of the batch.

All inert materials that cannot be incinerated will be placed in appropriate sealed containers and removed from site for reuse, recycling, or proper disposal at an accredited facility.

3.3.1 Food Waste and Packaging

Dedicated lockable, bear-proof containers, lined with plastic garbage bags, will be provided for the collection of food waste and packaging at several locations throughout camp and at drill sites. The bins will be secured in place and use locking, bear-proof lids to avoid interference by wildlife. Interactions by wildlife with the bins will be documented. Food waste and packaging will be incinerated in accordance with the Nunavut Environmental Guidelines for the Burning and

Incineration of Solid Wastes. Ashes from incineration will be removed and taken to approved disposal site.

3.3.2 Paper and Cardboard

The use of electronic methods for communication will be encouraged at the Project to minimize the amount of paper used. Effort will be taken to restrict the amount of corrugated cardboard coming to site, and waste cardboard will be reused as needed, possibly as packaging for backhauled materials. Specific containers, located throughout camp, will be used to collect paper and cardboard. Paper and cardboard will be incinerated in accordance with the Nunavut Environmental Guidelines for the Burning and Incineration of Solid Wastes. Ashes from incineration will be removed and taken to approved disposal site.

3.3.3 Waste Lumber

Whenever possible, lumber will be reused at the Project. Unusable waste lumber will be incinerated in accordance with the Nunavut Environmental Guidelines for the Burning and Incineration of Solid Wastes. Ashes from incineration will be removed and taken to approved disposal site.

3.4 Sewage

The Hornby Basin Property camp will utilize outhouses/pacto systems. Privy pits (outhouses) and/or pacto facilities will be located at least 31 m away from any water body. To control sewage pathogens, outhouses will be periodically treated with lime. When full, the pits will be covered with at least 31 cm of compacted soil. Pacto waste will be incinerated with incinerator specifically designed for that waste type. Ashes from incineration will be removed and taken to approved disposal site.

4 Site Facilities

4.1 Hazardous Waste Storage Area

The hazardous waste storage area will be located adjacent to the main fuel cache, away from any structures and a minimum of 31 meters from the normal high-water mark of any water body. It will be used for storage of any hazardous waste until it can be backhauled for recycling or disposal. All hazardous waste will be sealed in appropriate, clearly labeled, watertight containers, such as 205L steel or plastic drums.

All containers housing hazardous waste will be stored within “Arctic Insta-Berms”, or similar, for secondary containment. These types of berms utilize chemical and fire- resistant fabric (generally polyurethane coated nylon or vinyl coated polyester material) designed for extreme arctic temperatures and puncture resistance. “Rain-Drain” or similar hydrocarbon filtration systems will be used to safely remove any water collected inside the berms, and as a safeguard against any potential overflows of contaminated water.

All waste storage areas will be clearly marked and labeled with appropriate signage. Within the storage area, waste will be segregated by type and labeled to ensure safety for handlers and appropriate disposal.

Radioactive waste will be sealed in 205L steel drums and temporarily stored on an elevated, dry outcropping at least 100 m from any waterbody. The storage location will be submitted to NWB and CIRNAC for approval before use. Refer to the Radiation Hazard Control Plan for details.

4.2 Incinerator

The Property will use one (1) Elastec SmartAsh® cyclonic barrel burner, a batch-load, controlled-air incinerator that operates with a standard 55 gallon (208 L) open-head steel drum and has an average burn rate of approximately 22 kg (50 lbs) per hour, operated in accordance with the Environmental Guideline for the Burning and Incineration of Solid Waste by the Nunavut Department of Environment and the Canada-Wide Standards (CWS) for Dioxins and Furans by the Canadian Council of Ministers of the Environment. All attempts will be made to reduce the moisture content of waste to be incinerated, which will decrease the amount of smoke produced and increase the completeness of combustion. All waste will be covered and stored inside sheds or other secure buildings to keep rain and snow out of the waste and reduce the attraction for wildlife. If wet waste must be burned, such as organic (food) waste, the wet waste will be mixed with dry waste to reduce the overall moisture content of the batch.

The unit uses forced air to create a cyclonic, high-temperature burn within the drum, reducing combustible waste to approximately 3% ash by volume while minimizing smoke and odour. General operating steps are as follows: (1) waste is pre-sorted and moisture content reduced as described above; (2) the drum is loaded in batches, not overfilled, per the manufacturer's instructions; (3) the load is ignited, the lid secured, and the blower operated to establish and maintain the cyclonic burn; (4) bottom ash is allowed to cool fully before removal and is transferred to sealed 205 L drums for storage; and (5) all charges, operating conditions, and maintenance activities are logged in accordance with the record-keeping requirements described below. The incinerator will be operated only by personnel trained in its use, and the manufacturer's operating manual will be kept on site.

All combustible waste will be incinerated per federal, territorial regulations, and Nunavut's guidelines. Sewage will be incinerated only in specialized incinerators. Ashes will be transported to an approved disposal site.

Based on the "Guideline for the Burning and Incineration of Solid Waste" from the Government of Nunavut, Future Fuels will maintain detailed records of when the waste was burned, the type and quantity of waste, how it was placed into the incinerator or burning device, the volume of smoke and bottom ash produced, how ignition was initiated, and any other notes that could help the operator recall what methods were effective and which ones were not. These records will be available when requested by the Department of Environment and other regulatory agencies if complaints of nuisance smoke were to be received. Other data recorded may include the process and emissions monitoring instruments, as well as weather conditions at the time of incinerator use, such as air temperature and wind speed, repairs and maintenance activities carried out on the incinerator and its monitoring equipment should be documented, along with any major changes in operation, quantity, condition, and disposal location of the collected bottom ash, and details of operator training.

The incinerator log will be in a similar format below:

Date	Start Time	Batch No.	Type of Waste in Batch (e.g. 20% kitchen waste, 80% office waste)	Before Incineration Weight (Waste)			Max Temp (°C) during Burn Cycle	Min Temp (°C) during Burn Cycle	After Incineration Weight (Ash)			Finish Time
				A Empty Container Weight (kg)	B Total Pre-Incineration Weight (kg)	C Actual Waste Weight (kg) (B-A = C)			D Empty Container Weight (kg)	E Total Post-Incineration Weight (kg)	F Actual Ash Weight (kg) (E-D = F)	

4.3 Open Burning

Open burning may be utilized as a last-resort waste management method during site abandonment and restoration activities, and is subject to approval by the relevant regulatory authorities. Open burning of general combustible waste is not the preferred disposal method and will only occur where incinerator use is not practicable. Where conducted, open burning will be limited to suitable combustible materials, such as brush, slash, or scrap wood, and will be carried out in accordance with the Environmental Guideline for the Burning and Incineration of Solid Waste by the Nunavut Department of Environment and applicable territorial fire regulations.

Open burns will be conducted at a designated burn site located at least 100 metres from the normal high-water mark of any waterbody and set back from combustible camp structures, fuel storage, and standing vegetation. The burn site will be situated on naturally barren ground, such as an exposed bedrock outcrop or gravel area free of vegetation, to contain the burn area.

Burns will only be conducted under suitable weather conditions (e.g., low wind, no active fire bans) and will be continuously monitored by trained personnel from ignition until fully extinguished. Fire suppression equipment will be kept on hand at the burn site at all times.

Following each burn, the site will be inspected and any remaining material allowed to cool completely before handling. Ash will be collected and stored in sealed containers, consistent with the ash-handling procedures described above for the incinerator, and backhauled to an approved disposal facility. The burn site will not be reused until residual ash and debris have been fully removed and the site re-inspected.

4.4 Sump

Camp wastewater will be discharged into grey water sumps, with grease traps and screens on kitchen drains to prevent grease and food solids from entering. The discharge pipe will be wildlife-proof, and the sump will be at least 31 m from any waterbody.

Non-radioactive drill cuttings will be collected in natural depression sumps at each drill site.

5 Training

All on-site management and any personnel required to handle hazardous waste must have valid First Aid, WHMIS, and Transportation of Dangerous Goods (TDG) training. Site and job-specific training will be provided to all personnel who are required to handle waste materials. All employees and contractors will receive training in emergency response and spill response, as outlined in the Hornby Basin Property SCFMP.

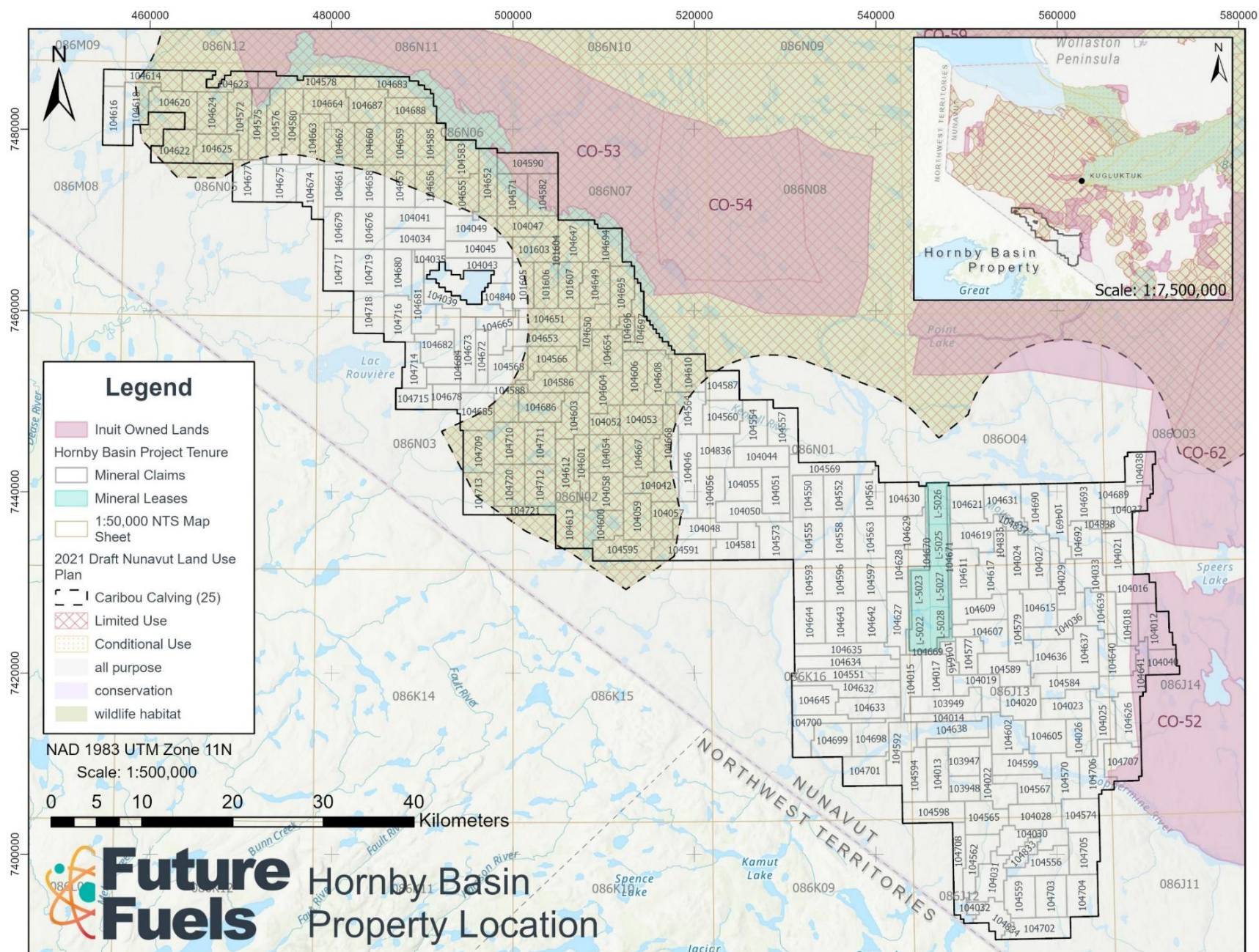
6 Inspection and Monitoring

Inspections of the hazardous waste storage area and other waste storage facilities will be conducted daily. Regular inspections will include an assessment of the condition of waste receptacles and storage containers, checking for any damaged or leaking containers or berms, and ensuring that waste is collected and stored in the correct containers and storage areas. More detailed weekly inspections will be conducted to ensure the hazardous waste inventory is up to date, secondary containment is in place and in good condition, and spill kits are fully stocked and available. Any leaks or spills will be treated as outlined in the SCFMP.

The Project Supervisor is responsible for supervising the monitoring and inspection program and keeping a detailed inventory of all hazardous waste on site. Waste removal schedule of metals, e-waste, aerosols, batteries, and empty drums will be during the charter re-supply flights where the waste will be transported from camp to an approved Kugluktuk or Yellowknife facility.

The specific personnel responsible for conducting monitoring and inspections are still to be determined. Once staffing is finalized, the Waste Management Plan will be updated to clearly identify the individuals responsible for these tasks. In the interim, all monitoring and inspections will be overseen by the Project Supervisor to ensure compliance with the Plan.

APPENDIX 1
FIGURES



APPENDIX 2
HAZARDOUS WASTE FORMS

Fuel and Hazardous Materials Inspection Log

Project Name: _____ Location / Site: _____

Date of Inspection: ____/____/____ Inspector Title / Role: _____

1. Fuel Storage Inspection

Storage ID / Tank #	Fuel Type	Capacity	Current Level	Secondary Containment Present ☐ Yes ☐ No	Notes / Actions Required

2. Hazardous Materials Storage Inspection

Material Name	Quantity	Storage Location	Container Condition	Hazard Labels Present ☐ Yes ☐ No	Notes / Actions Required
			☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No	
			☐ Good ☐ Fair ☐ Poor	☐ Yes ☐ No	

3. Handling and Safety Equipment

Equipment / PPE	Available ☐ Yes ☐ No	Condition ☐ Tagged ☐ Thru	Notes / Actions Required

4. Spill and Emergency Preparedness

Spill Kit Present ☐ Yes ☐ No	Fire Extinguisher ☐ Yes ☐ No	Notes / Actions Required

5. Inspector Signature

I confirm that the above inspection was conducted according to project and regulatory requirements for Nunavut.

Inspector Signature: _____ Date: ____/____/____

Notes:

- Any spill, leak, or unsafe condition must be reported immediately to site management and recorded in the Project Spill Log.
- Retain completed forms on site and submit to **Project Supervisor** for regulatory compliance and audits.