

Appendix D

List of Waste Disposal Activities

Year: 2012

Reference: 3BC-ERK1015, Part B, 1a.

Landfill:

- Deposition of non-hazardous and bulky waste materials to site.

Sewage Treatment Facility:

- Sewage and waste water from the summer operations of CFS Eureka were directed to the Sewage Treatment Facility (DND Sewage Lagoon).
- The Sewage Lagoon was decanted on July 15th, 2012, in the presence and direction of the Aboriginal Affairs and Northern Development Canada (AANDC) Inspector.
- As further instructed by the Inspector, DND intends to discharge the Sewage Lagoon at the opening season of CFS Eureka (May-June) and once again at the closing season (Sept).

Battery Dump:

- No waste was deposited at this site.
- No waste deposition is allowed at this site.

Barrel Dump:

- In cooperation with Environment Canada Weather Station, empty barrels were not buried at the Barrel Dump in 2012. The empty barrels were securely placed at this site with expectations of a new Drum Washing & Crushing Machine for summer 2013; the waste will be backhauled by sealift.

Landfarm:

- There were no disposal activities at this site in 2012.

Hazardous Waste Backhaul:

- In total, **5,309 kg** of various Hazardous Wastes were backhauled from CFS Eureka.
- Hazardous Waste was disposed by contract with Environment Canada Weather Station at Eureka via Canadian Coast Guard /Nunavut Sealink and Supply Inc. to Valleyfield, Quebec.
- Final destination of backhauled waste and disposal is intended for Clean Harbours Inc.: Brossard, Quebec. At the time of this Annual Report submission, the wastes are currently being held in Nanisivik, NU, until summer sea transport can resume.
- CFS Eureka's Nunavut Government Hazardous Waste Generator#: NUG100048.
- Canadian Coast Guard /Nunavut Sealink and Supply Inc.'s Nunavut Government Hazardous Waste Carrier#: NUC 200013.

Notes:

Shipping documents are included below and copies of Manifests are included in this Appendix.



DND Repack Salvage Drums (Overpacks) awaiting loading onto sealift (contracted by Environment Canada Weather Station at Eureka) for backhauling in summer 2012. Photo taken by Environment Canada.

2012 Shipping Manifest for DND Retrograde

Eureka Retrograde Cargo - Sealift 2012 via CCG Terry Fox
to Nanisivik for furtherance via NEAS to Sainte-Catherine,
Quebec

**CCG Booking # BN F027
NEAS Booking # NEAS-72**

**Nunavut Government Hazardous Waste Carrier # NUC200013
Department of National Defence CFS Eureka Waste Generator # NUG
100048**

From:
Station Program Manager
Environment Canada Weather Station
Eureka, NU X0A 0G0

Port of Discharge:
Valleyfield, Quebec

Shipment

Consigned to: Clean Harbours (Quebec) Inc.
7305 Boulevard Marie-Victorin,
Bureau 200, Brossard, Québec J4W 1A6
Ph. Paule Fontaine (514) 944-1291 for delivery instructions

<u>Description</u>	<u>Volume</u>	<u>Weight</u>
DND # 1 - Crate	0.47 m3	68.2 kg
Air Alkaline Batteries	36" w x 22" h x 36" L	150 lbs
Note: Not Regulated for Transport, Class 8		
DND # 2 - Crate	0.47 m3	136.4 kg
Batteries	36" w x 22" h x 36" L	300 lbs
Note: Battery, Wet, Filled With Acid, Class 8 UN2794		
DND # 3 - Crate	0.47 m3	113.6 kg
Lead Acid Battery	36" w x 22" h x 36" L	250 lbs
Note: Not Regulated for Transport, Class 8		
DND # 4 - Crate	0.27 m3	45.5 kg
Air Alkaline Batteries	24" w x 21" h x 33" L	75 lbs
Note: Not Regulated for Transport, Class 8		

DND # 5 - Crate	0.51 m3	159.1 kg
Batteries	25" w x 26" h x 48" L	350 lbs
Note: Battery, Wet, Filled With Acid, Class 8	UN2794	
DND # 6 - Crate	0.45 m3	181.8 kg
Battery	36" w x 22" h x 35" L	400 lbs
Note: Battery, Wet, Filled With Acid, Class 8	UN2794	
DND # 7 - Crate	0.41 m3	36.4 kg
Non-Spillable Electric Storage Battery	25" w x 25" h x 40" L	80 lbs
Note: Not Regulated for Transport, Class 8		
DND # 8 - Crate	1.02 m3	181.8 kg
Battery	42" w x 31" h x 48" L	400 lbs
Note: Lithium Metal Battery, Class 9,	UN3090	
DND # 9 - Crate	0.32 m3	181.8 kg
Battery	25" w x 18" h x 44" L	150 lbs
Note: Battery, Wet, Filled With Acid, Class 8	UN2794	
DND # 10 - Pallet with 2 Crates	0.61 m3	113.6 kg
Batteries	24" w x 38" h x 41" L	250 lbs
Note: Battery, Wet, Filled With Acid, Class 8	UN2794	
DND # 11 - Pallet with 2 Crates	0.61 m3	113.6 kg
Batteries	24" w x 38" h x 41" L	250 lbs
Note: Battery, Wet, Filled With Acid, Class 8	UN2794	
DND # 12 - Pallet with 2 Crates	0.61 m3	113.6 kg
Batteries	24" w x 38" h x 41" L	250 lbs
Note: Battery, Wet, Filled With Acid, Class 8	UN2794	
DND # 13 - Pallet with 2 Crates	0.61 m3	113.6 kg
Batteries	24" w x 38" h x 41" L	250 lbs
Note: Battery, Wet, Filled With Acid, Class 8	UN2794	
DND # 14 – Pallet with 1 Steel Drum	0.64 m3	136.4 kg
Waste Gasoline	24" w x 41" h x 40" L	300 lbs
Note: Waste Gasoline, Class 3,	UN1203	
DND # 15 – Pallet with 4 Steel Drums	1.55 m3	818.2 kg
Waste Gasoline	48" w x 41" h x 48" L	1800 lbs
Note: Waste Gasoline, Class 3,	UN1203	
DND # 16 – Pallet with 2 Steel Drums	0.72 m3	113.6 kg
Automotive Grease	26" w x 42" h x 40" L	250 lbs

Note: Waste petroleum Product N.O.S. Class 3, UN1268

DND # 17 – Pallet with Plastic Drum	0.88 m3	136.4 kg
Waste De-Icing Fluid	32" w x 42" h x 40" L	300 lbs
Note: Waste Flammable Liquid N.O.S. Class 3, UN3082		

DND # 18 – Pallet with 4 Steel Drums	1.55 m3	818.2 kg
2-Waste Oil, 1-Waste Oil Filters, 1-Contaminated Soil	48" w x 41" h x 48" L	
	1800 lbs	
Note: Waste petroleum Product N.O.S. Class 3, UN1268		

DND # 19 – Pallet with 4 Steel Drums	1.32 m3	818.2 kg
Waste Oil	48" w x 42" h x 40" L	1800 lbs
Note: Waste petroleum Product N.O.S. Class 3, UN1268		

DND # 20 – Pallet with 2 Steel drums	0.79 m3	272.7 kg
Ashes	24" w x 42" h x 48" L	600 lbs
Note: Environmentally Hazardous Solid N.O.S. UN3077		

DND # 21 – Pallet with 2 Steel drums	0.79 m3	409.1 kg
Waste Glycol	24" w x 42" h x 48" L	900 lbs
Note: Waste petroleum Product N.O.S. Class 3, UN3082		

DND # 22 – Pallet with Yellow Over Pack	1.00 m3	113.6 kg
Contaminated Debris	31" w x 49" h x 40" L	250 lbs
Note: Waste petroleum Product N.O.S. Class 9, UN3077		

DND # 23 – Pallet with Yellow Over Pack	1.00 m3	113.6 kg
Waste Oil	31" w x 49" h x 40" L	250 lbs
Note: Waste petroleum Product N.O.S. Class 3, UN1268		

Total Number of pieces: 23

Total Weight of Retrograde Cargo: 5309 kg

Rai LeCotey, Station Program Manager, Eureka Weather Station