

Appendix D

List of Waste Disposal Activities

Year: 2013

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

Landfill:

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

Sewage Treatment Facility:

- The Sewage Lagoon was decanted in May (Camp opening) and Sept (Closing) by a maintenance team that is separate than the main Station Crew which operated the site from June to July.
- The effluent treatment system (digester) was brought into operation as a solid removing holding tank.

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 (EC), empty barrels have not been buried at the Barrel Dump since 2012. The empty barrels are securely placed at this site with expectations of a new Drum Washing & Crushing Machine for summer 2014; the waste is expected to be backhauled by sealift.

Landfarm:

- There were no disposal activities at this site in 2013.

Hazardous Waste Backhaul:

- For 2013, there were NO hazardous waste backhaul activities from CFS Eureka due to minimal quantities and an early return of winter and sea-ice conditions.
- Instead, DND and EC focused efforts on having the 2012 hazardous wastes from Eureka backhauled from the temporary storage location at the Nanisivik Deep Water Port.
- In total, **5,309 kg** of various Hazardous Wastes (listed below) were backhauled from CFS Eureka in 2012 (Movement Documents attached, this is the same as submitted in the 2012 3BC-ERK1015 Annual Report - Appendix D).
- The 2012 hazardous wastes were finally picked up from Nanisivik on August 25th, 2013 by Canadian Coast Guard's contractor, the M/V Umiavut from Nunavut Eastern Arctic Shipping Company Ltd.
- The 2012 hazardous wastes were received by Clean Harbours in Valleyfield, Quebec (9-10 Dec 2013) for disposal, the Bill of Ladings are attached.
- 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.

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