

# 2024 FOX-3 ANNUAL NUNAVUT WATER BOARD REPORT

## FOR THE NORTH WARNING SYSTEM

Contract # W8485-157352/001/NX  
SOW Ref: 17.7

**Document Number**  
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## EXECUTIVE SUMMARY

This 2024 Annual Report for the Nunavut Water Board (NWB) has been prepared by Nasittuq for the Department of National Defence (DND) in order to meet the requirements of the licence issued 08 June 2018, 8BC-FOD1828 – Type “B”, Part B “General Conditions”, paragraph 1 of its licence. This report covers 01 January to 31 December 2023.

Nasittuq is the Operations and Maintenance (O&M) Contractor for the North Warning System (NWS) including FOX-3, the North Warning System radar site at Dewar Lakes, Nunavut. The site is attended year-round and visited by additional staff from FOX-M, Sanirajak (Hall Beach), Nunavut for preventive maintenance inspections and as required for other work.

A total of 697.2 cubic meters was drawn from the water lake. This is below the annual maximum of 3,000 cubic meters allowed by the licence.

As FOX-3 is a landlocked site, all hazardous waste, including waste oil, is transported to FOX-M (Sanirajak) before being shipped to an approved hazardous waste disposal site outside of Nunavut as required by the licence. A total of 30 drums and 3 crates of waste HAZMAT were shipped from FOX-3 in 2024.

Non-hazardous domestic solid waste was disposed of through a contract with the Hamlet of Sanirajak at the local landfill. Nasittuq has documented authorization from the community for receiving the waste.

In 2024, a monitoring program was implemented at FOX-3 as required by the water licence, Part I. Rain and melt water that accumulated in the berms of fuel storage facilities was tested with hydrocarbon test strips and confirmed to be within effluent quality limits before the water was pumped out of the berms.

One spill to the environment occurred at FOX-3 in 2024.

- 24-Jul-2024, NTNU Spill # 2024-287: A berm failure caused a spill of sewage. The berm was repaired and the spill was cleaned up.

The Spill Contingency Plan was successfully implemented, and updated on 27-Mar-2025.

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## 1.0 INTRODUCTION

This 2024 Annual Report for the Nunavut Water Board (NWB) has been prepared by Nasittuq for the Department of National Defence (DND) in order to meet the requirements of the licence, 8BC-FOD1828 – Type “B”, Part B “General Conditions”, paragraph 1 of its licence, issued 08 June 2018 and amended effective 14 April 2022. The amendment now allows for 3,000 cubic metres per year.

This report covers 01 January to 31 December 2024.

Nasittuq is the Operations and Maintenance (O&M) Contractor for the North Warning System (NWS), including FOX-3.

FOX-3 is a North Warning System radar site located at Dewar Lakes, Nunavut. In 2024 the site was attended (staffed) full time throughout the year. The site is also visited quarterly by Nasittuq staff from FOX-M, Hall Beach, Nunavut for preventive maintenance inspections and as required for other work.

### 1.1 Report Details

Licensee: Department of National Defence, Government of Canada  
Licence: 8BC-FOD1828 – Type “B”  
Location: FOX-3 North Warning System Site, Dewar Lakes, Qikiqtani Region, Nunavut  
Report Prepared by: Alaina Leslie and reviewed by Don Beattie  
Nasittuq Corporation, 14-Mar-2025  
Time period covered: 01 January to 31 December 2024

## 2.0 WATER USE

A total of **697.2 m<sup>3</sup>** of water was drawn from the supply lake in 2024, with a daily maximum of **35 m<sup>3</sup>**. This is below the annual maximum of 3,000 m<sup>3</sup> allowed by the licence.

See Table 2-1 for the volume of water usage at FOX-3 each month in 2024.

**Table 2-1: Monthly Raw Water Usage at FOX-3 in 2024**

Month	Raw water usage (m <sup>3</sup> )
January	49
February	46.4
March	30.2
April	51.4
May	31.2
June	51.1
July	152.5
August	79.3
September	39.1
October	54.3
November	53.4
December	59.3
<b>TOTAL</b>	<b><u>697.2</u></b>

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### 3.0 HAZARDOUS WASTE AND WASTE OIL DISPOSAL

As FOX-3 is a landlocked site, all hazardous waste, including waste oil, is transported to FOX-M (Sanirajak) before being shipped to an approved hazardous waste disposal site outside of Nunavut as required by the licence.

The movement of hazardous waste outside of Nunavut is regulated under both the *Transportation of Dangerous Goods Regulations* (TDG) and the *Cross-border Movement of Hazardous Waste and Hazardous Recyclable Material Regulations* (XBR). The waste from FOX-3 is manifested as part of FOX-M's waste and therefore the Movement Documents as required by the XBR are included in the FOX-M report.

See **Annex A** for the shipping documents including the NWS Manifests. A total of 30 drums and 3 crates of waste HAZMAT were shipped from FOX-3 in 2024.

**Table 3-1: Hazardous Waste and Waste Oil Sent for Disposal from FOX-3 in 2024**

TDG shipping name	Description	Manifest # (TCN)	Quantity
Waste Batteries, Wet, Filled With Acid	WASTE - BATTERIES, WET, FILLED WITH ACID (CONTAINER)	48481-F3	1 Crate
Waste Batteries, Wet, Non-Spillable	WASTE - BATTERIES, WET, NON-SPILLABLE (CONTAINER)	48481-F3	1 Crate
Waste Solids Containing Flammable Liquid, N.O.S. (Fuel, Aviation, Turbine Engine)	WASTE - OILY RAGS	48466-F3, 49000-F3	2 Drums
Waste Fuel, Aviation, Turbine Engine	WASTE - FUEL	48469-F3,	4 Drum
Waste Fuel, Aviation, Turbine Engine Mixture	WASTE - FUEL AND WATER MIXTURE (DRUM)	48466-F3	1 Drum
Waste Solids Containing Flammable Liquid, N.O.S. (Fuel, Aviation, Turbine Engine)	WASTE - POL SOAKED ABSORBENT	48466-F3,	2 Drums
Waste Solids Containing Flammable Liquid, N.O.S. (Fuel, Aviation, Turbine Engine)	WASTE - FUEL FILTERS (DRUM)	49000-F3	1 Drum
<i>Not TDG Regulated</i>	WASTE – E-Waste	48470-F3	1 Crate
<i>Not TDG Regulated</i>	WASTE - GLYCOL (DRUM)	49001-F3	1 Drum
<i>Not TDG Regulated</i>	WASTE - OIL (45 GALLON DRUM)	48467-F3, 48355-F3, 48463-F3, 48465-F3,	16 Drums
<i>Not TDG Regulated</i>	WASTE - OIL CONTAMINATED SOIL (DRUM)	49004-F3,	2 Drums
<i>Not TDG Regulated</i>	WASTE - GLYCOL CONTAMINATED RAGS (DRUM)	49000-F3	1 Drum
<i>Not TDG Regulated</i>	WASTE - COOKING OIL	49000-F3	1 Drum

### 4.0 NON-HAZARDOUS SOLID WASTE DISPOSAL

Non-hazardous domestic solid waste was disposed of through a contract with the Hamlet of Sanirajak at the local landfill. Nasittuq has documented authorization from the community for receiving the waste.

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See **Table 4-1**, below, for the quantity of waste generated.

The FOX-3 landfill still exists, but no new materials have been landfilled in the reporting period. See **Annex B** for its location on-site.

**Table 4-1: Non-hazardous Domestic Solid Waste Sent for Disposal from FOX-3 in 2024**

Month	Waste Generated (kg)
January	159
February	581
March	199
April	318
May	934
June	506
July	0
August	206
September	318
October	445
November	186
December	1361
<b>TOTAL</b>	<b>5,213</b>

## 5.0 MONITORING PROGRAM

In 2024, a monitoring program was implemented at FOX-3 as required by the water licence, Part I. The monitoring program included the following:

1. Volume of raw water drawn from the Water Supply Lake (FOD-1). The information from monitoring water use is shown in **Section 2.0 Water Use**. The water drawn was within the limit stated in the water licence.
2. Quality of sewage discharged from the final discharge point of the sewage disposal facility. The location of the sewage effluent outfall is shown in **Annex B**. A sump for the sewage outfall was constructed in 2010.

Monitoring Station FOD-2 was discontinued in water licence 8BC-FOD1828.

3. Accumulated rain and melt water contained in the berms of fuel storage facilities was analyzed using hydrocarbon test strips and confirmed within the effluent quality limits listed in the water licence, Part D prior to discharge (FOD-3). The coordinates and the results of the analysis are shown in **Annex D and Annex E**. All samples met the effluent requirements of the water licence, Part D.
4. Final Discharge Point from the Landfarm (FOD-4). The water accumulated in the landfarm was not discharged in 2024 and therefore no samples were collected.

## 6.0 SPILLS (UNAUTHORIZED DISCHARGES)

One spill to the environment occurred at FOX-3 in 2024. Table 7-1, below, describes the spill (unauthorized discharge) details.

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The Spill Contingency Plan was successfully implemented.

**Table 6-1: Unauthorized Discharges at FOX-3 in 2024**

Date, NT-NU Spill #	Product	Quantity	Cause and follow-up action	On-site location
24-Jul-2024, Spill # 2024-287	Sewage	300 L	A berm failure caused a spill of sewage. The berm was repaired and the spill was cleaned up.	Summit - sewage lagoon (68° 39' 1"N, 71° 13' 57"W )

## 7.0 REVISIONS TO THE SPILL CONTINGENCY PLAN

The Spill Contingency Plan was updated on **24-Mar-2025**. An updated copy of the Spill Contingency Plan has been submitted to the NWB with this annual report.

## 8.0 PROGRESSIVE RECLAMATION WORK UNDERTAKEN

No reclamation work was undertaken.

## 9.0 ACRONYMS

**Table 9-1: Acronyms**

Acronym	Definition
BTEX	benzene toluene ethylbenzene xylene
CCME	Canadian Council of Ministers of the Environment
DCC	Defence Construction Canada
DND	Department of National Defence
n.o.s.	not otherwise specified
NWB	Nunavut Water Board
NWS	North Warning System
O&M	Operations and Maintenance
PCB	Polychlorinated Biphenyl
PHC CWS	Canada-Wide Standards for Petroleum Hydrocarbons
SQG	Soil Quality Guidelines
TDGR	Transportation of Dangerous Goods Regulations
QA/QC	Quality Assurance/Quality Control
XBR	Cross-border Movement of Hazardous Waste and Hazardous Recyclable Material Regulations

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## **ANNEX A. HAZARDOUS WASTE AND WASTE OIL DISPOSAL**

The 2024 NWS Manifests for waste shipments (as previously described Table 4-1) are included in the following pages.

The following documents are enclosed:

NWS Manifests (TCNs): 48466-F3, 48481-F3, 48470-F3, 49001-F3, 48467-F3, 48355-F3, 48463-F3, 48465-F3, 49004-F3, 49000-F3, 48469-F3,

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# SHIPPING MANIFEST

Suite 1600, 275 Slater Street, Ottawa, ON K1P 5H9

**NON NEGOTIABLE**

Filled By:

**00007065**

Date:

**May 8, 2024, 10:59 AM**

Project ID:

Task ID:

**TCN-48355**

Ship To: QIKIQTAAALUK ENVIRONMENTAL (QE) C/O VEOLIA  
2630, BOUL. INDUSTRIEL  
CHAMBLY, QC, J3L 4V2  
1-866-634-6367

From: LSS-F/FOX-M, HALL BEACH, DND  
Storeroom  
Nasittuq, LSS Hall Beach: P.O. Box 46  
Hall Beach, NU, X0A 0K0  
867-928-8987

Priority

**0**

Attention:

Attention:

**Carrier:**

NEAS

**Routing:**

**Waybill #:**

**Total Pcs.**

**Total Weight:**

1

**1200**

QTY Order	Type	Line Weigh	Item	Description	WO or PO	B/Code or S/N	Remarks
1	drum	450	2002406	WASTE - OIL, 45 GAL			Asset 364092
1	drum	450	2002406	WASTE - OIL, 45 GAL			Asset 364093
1	drum	450	2002406	WASTE - OIL, 45 GAL			Asset 362373
1	drum	450	2002406	WASTE - OIL, 45 GAL			Asset 364771
0							DIMS: L 48 x W 48 x H 42

**NOTE: All claims related to this shipment have to be filled with Nasittuq within 45 hours of receipt.**

**Received By:**

**Date**

**Received By:**

**Date**

Originating Site: FOX-3



# SHIPPING MANIFEST

Suite 1600, 275 Slater Street, Ottawa, ON K1P 5H9

**NON NEGOTIABLE**

Filled By:

**00007065**

Date:

**May 25, 2024, 4:37 PM**

Project ID:

Task ID:

**TCN-48470**

Ship To: LSS-F/FOX-M, HALL BEACH, DND Storeroom  
Nasittuq, LSS Hall Beach: P.O. Box 46  
Hall Beach, NU, X0A 0K0  
867-928-8987

From: FOX-3, DEWAR LAKES, DND Storeroom  
Nasittuq, NWS LSS Hall Beach, P.O. Box 46  
Hall Beach, NU, X0A 0K0  
867-928-8987

Priority

**0**

Attention:

Attention:

**Carrier:**

**Routing:**

F3 to XL on DC 3

**Waybill #:**

**Total Pcs.**

**Total Weight:**

1

**350**

QTY Order	Type	Line Weigh	Item	Description	WO or PO	B/Code or S/N	Remarks
1	Crate lined with Poly	350	4007738	WASTE - E-WASTE, NON-REGULATED			Asset 359325

**NOTE: All claims related to this shipment have to be filled with Nasittuq within 45 hours of receipt.**

Received By:

Date

Received By:

Date



# SHIPPING MANIFEST

Suite 1600, 275 Slater Street, Ottawa, ON K1P 5H9

**NON NEGOTIABLE**

Filled By:

**00007065**

Date:

**May 25, 2024, 4:07 PM**

Project ID:

Task ID:

**TCN-48463**

Ship To: QIKIQTAAALUK ENVIRONMENTAL (QE) C/O VEOLIA  
2630, BOUL. INDUSTRIEL  
CHAMBLY, QC, J3L 4V2  
1-866-634-6367

From: LSS-F/FOX-M, HALL BEACH, DND  
Storeroom  
Nasittuq, LSS Hall Beach: P.O. Box 46  
Hall Beach, NU, X0A 0K0  
867-928-8987

Priority

**0**

Attention:

Attention:

**Carrier:**

NEAS

**Routing:**

**Waybill #:**

**Total Pcs.**

1

**Total Weight:**

**1560 LBS**

QTY Order	Type	Line Weigh	Item	Description	WO or PO	B/Code or S/N	Remarks
1	drum	450	2002406	WASTE - OIL, 45 GAL			Asset 363424
1	drum	450	2002406	WASTE - OIL, 45 GAL			Asset 363426
1	drum	450	2002406	WASTE - OIL, 45 GAL			Asset 363433
1	drum	450	2002406	WASTE - OIL, 45 GAL			Asset 363430
0							DIMS: L 48 x W 48 x H 42

**NOTE: All claims related to this shipment have to be filled with Nasittuq within 45 hours of receipt.**

**Received By:**

**Date**

**Received By:**

**Date**

Originating Site: FOX-3



# SHIPPING MANIFEST

Suite 1600, 275 Slater Street, Ottawa, ON K1P 5H9

**NON NEGOTIABLE**

Filled By:

**00007065**

Date:

**May 25, 2024, 4:12 PM**

Project ID:

Task ID:

**TCN-48465**

Ship To: QIKIQTAAALUK ENVIRONMENTAL (QE) C/O VEOLIA  
2630, BOUL. INDUSTRIEL  
CHAMBLY, QC, J3L 4V2  
1-866-634-6367

From: LSS-F/FOX-M, HALL BEACH, DND  
Storeroom  
Nasittuq, LSS Hall Beach: P.O. Box 46  
Hall Beach, NU, X0A 0K0  
867-928-8987

Priority

**0**

Attention:

Attention:

**Carrier:**

NEAS

**Routing:**

**Waybill #:**

**Total Pcs.**

**Total Weight:**

1

**1200**

QTY Order	Type	Line Weigh	Item	Description	WO or PO	B/Code or S/N	Remarks
1	drum	450	2002406	WASTE - OIL, 45 GAL			Asset 363432
1	drum	450	2002406	WASTE - OIL, 45 GAL			Asset 367636 / was labeled 385190 which does not exist.
1	drum	450	2002406	WASTE - OIL, 45 GAL			Asset 354189
1	drum	450	2002406	WASTE - OIL, 45 GAL			Asset 363428
0							DIMS: L 48 x W 48 x H 42

**NOTE: All claims related to this shipment have to be filled with Nasittuq within 45 hours of receipt.**

**Received By:**

**Date**

**Received By:**

**Date**

Originating Site: FOX-3



# SHIPPING MANIFEST

Suite 1600, 275 Slater Street, Ottawa, ON K1P 5H9

**NON NEGOTIABLE**

Filled By:

**00007065**

Date:

**May 25, 2024, 4:17 PM**

Project ID:

Task ID:

**TCN-48467**

Ship To: QIKIQTAAALUK ENVIRONMENTAL (QE) C/O VEOLIA  
2630, BOUL. INDUSTRIEL  
CHAMBLY, QC, J3L 4V2  
1-866-634-6367

From: LSS-F/FOX-M, HALL BEACH, DND  
Storeroom  
Nasittuq, LSS Hall Beach: P.O. Box 46  
Hall Beach, NU, X0A 0K0  
867-928-8987

Priority

**0**

Attention:

Attention:

**Carrier:**

NEAS

**Routing:**

**Waybill #:**

**Total Pcs.**

1

**Total Weight:**

**1045 LBS**

QTY Order	Type	Line Weigh	Item	Description	WO or PO	B/Code or S/N	Remarks
1	drum	261	2002406	WASTE - OIL, 45 GAL			Asset 367615
1	drum	261	2002406	WASTE - OIL, 45 GAL			Asset 367616
1	drum	261	2002406	WASTE - OIL, 45 GAL			Asset 363429
1	drum	261	2002406	WASTE - OIL, 45 GAL			Asset 361368
0							DIMS: L 48 x W 48 x H 42

**NOTE: All claims related to this shipment have to be filled with Nasittuq within 45 hours of receipt.**

**Received By:**

**Date**

**Received By:**

**Date**

Originating Site: FOX-3



# SHIPPING MANIFEST

Suite 1600, 275 Slater Street, Ottawa, ON K1P 5H9

**NON NEGOTIABLE**

Filled By:

**00007065**

Date:

**May 25, 2024, 4:30 PM**

Project ID:

Task ID:

**TCN-48469**

Ship To: QIKIQTAAALUK ENVIRONMENTAL (QE) C/O VEOLIA  
2630, BOUL. INDUSTRIEL  
CHAMBLY, QC, J3L 4V2  
1-866-634-6367

From: LSS-F/FOX-M, HALL BEACH, DND  
Storeroom  
Nasittuq, LSS Hall Beach: P.O. Box 46  
Hall Beach, NU, X0A 0K0  
867-928-8987

Priority

**0**

Attention:

Attention:

**Carrier:**

NEAS

**Routing:**

**Waybill #:**

**Total Pcs.**

1

**Total Weight:**

**905 lbs**

QTY Order	Type	Line Weigh	Item	Description	WO or PO	B/Code or S/N	Remarks
1	drum		2002343	WASTE - FUEL			Asset 352234
1	drum		2002343	WASTE - FUEL			Asset 367621
1	drum		2002343	WASTE - FUEL			Asset 367622
1	Drum		2002343	WASTE - FUEL			Asset 368231
0							DIMS: L 48 x W 48 x H 42

**NOTE: All claims related to this shipment have to be filled with Nasittuq within 45 hours of receipt.**

**Received By:**

**Date**

**Received By:**

**Date**

Originating Site: FOX-3





# SHIPPING MANIFEST

Suite 1600, 275 Slater Street, Ottawa, ON K1P 5H9

**NON NEGOTIABLE**

Filled By:

**00007065**

Date:

**Aug 5, 2024, 9:59 AM**

Project ID:

Task ID:

**TCN-49004**

Ship To: QIKIQTAAALUK ENVIRONMENTAL (QE) C/O VEOLIA  
2630, BOUL. INDUSTRIEL  
CHAMBLY, QC, J3L 4V2  
1-866-634-6367

From: LSS-F/FOX-M, HALL BEACH, DND  
Storeroom  
Nasittuq, LSS Hall Beach: P.O. Box 46  
Hall Beach, NU, X0A 0K0  
867-928-8987

Priority

**0**

Attention:

Attention:

**Carrier:**

NEAS

**Routing:**

**Waybill #:**

**Total Pcs.**

1

**Total Weight:**

**1670 LBS**

QTY Order	Type	Line Weigh	Item	Description	WO or PO	B/Code or S/N	Remarks
0							DIMS: L 56 x W 30 x H 45
1	Drums		2008310	WASTE - OIL CONTAMINATED SOIL			Asset 364172
1	Drums		2008310	WASTE - OIL CONTAMINATED SOIL			Asset 364173

**NOTE: All claims related to this shipment have to be filled with Nasittuq within 45 hours of receipt.**

Received By:

Date

Received By:

Date

Originating Site: FOX-3



# SHIPPING MANIFEST

Suite 1600, 275 Slater Street, Ottawa, ON K1P 5H9

**NON NEGOTIABLE**

Filled By:

**00007065**

Date:

**May 25, 2024, 4:15 PM**

Project ID:

Task ID:

**TCN-48466**

Ship To: LSS-F/FOX-M, HALL BEACH, DND Storeroom  
Nasittuq, LSS Hall Beach: P.O. Box 46  
Hall Beach, NU, X0A 0K0  
867-928-8987

From: FOX-3, DEWAR LAKES, DND Storeroom  
Nasittuq, NWS LSS Hall Beach, P.O. Box 46  
Hall Beach, NU, X0A 0K0  
867-928-8987

Priority

**0**

Attention:

Attention:

**Carrier:**

**Routing:**

F3 to XL on DC 3

**Waybill #:**

**Total Pcs.**

**Total Weight:**

1

**1300**

QTY Order	Type	Line Weigh	Item	Description	WO or PO	B/Code or S/N	Remarks
1		200	2002505	WASTE - OILY RAGS			Asset 352050
1	salvage	450	2006405	WASTE - FUEL AND WATER MIXTURE			Asset 361356
	drum						
1	salvage	200	2002699	WASTE - POL SOAKED ABSORBENT			Asset 360320
	drum						
1	salvage	200	2002699	WASTE - POL SOAKED ABSORBENT			Asset 360226
	drum						

**NOTE: All claims related to this shipment have to be filled with Nasittuq within 45 hours of receipt.**

**Received By:**

**Date**

**Received By:**

**Date**



# SHIPPING MANIFEST

Suite 1600, 275 Slater Street, Ottawa, ON K1P 5H9

**NON NEGOTIABLE**

Filled By:

**00007065**

Date:

**May 27, 2024, 11:44 AM**

Project ID:

Task ID:

**TCN-48481**

Ship To: LSS-F/FOX-M, HALL BEACH, DND Storeroom  
Nasittuq, LSS Hall Beach: P.O. Box 46  
Hall Beach, NU, X0A 0K0  
867-928-8987

From: FOX-3, DEWAR LAKES, DND Storeroom  
Nasittuq, NWS LSS Hall Beach, P.O. Box 46  
Hall Beach, NU, X0A 0K0  
867-928-8987

Priority

**0**

Attention:

Attention:

**Carrier:**

**Routing:**

F3 to XL on DC-3

**Waybill #:**

**Total Pcs.**

**Total Weight:**

1

**1700**

**QTY**  
**Order**

**Type**

**Line**  
**Weight**

**Item**

**Description**

**WO or PO**

**B/Code or S/N**

**Remarks**

1 crate 200 2002347 WASTE - BATTERIES, WET, FILLED

Asset 367627

1 crate 1500 2002346 WASTE - BATTERIES, WET, NON-SP

Asset 368238

**NOTE: All claims related to this shipment have to be filled with Nasittuq within 45 hours of receipt.**

**Received By:**

**Date**

**Received By:**

**Date**



# SHIPPING MANIFEST

Suite 1600, 275 Slater Street, Ottawa, ON K1P 5H9

**NON NEGOTIABLE**

Filled By:  
**00007065**

Date:  
**Aug 3, 2024, 8:24 AM**

Project ID:

Task ID:

**TCN-49000**

Ship To: LSS-F/FOX-M, HALL BEACH, DND Storeroom  
Nasittuq, LSS Hall Beach: P.O. Box 46  
Hall Beach, NU, X0A 0K0  
867-928-8987

From: FOX-3, DEWAR LAKES, DND Storeroom  
Nasittuq, NWS LSS Hall Beach, P.O. Box 46  
Hall Beach, NU, X0A 0K0  
867-928-8987

Priority

**0**

Attention:

Attention:

**Carrier:**

**Routing:**

Via Herc Lift

**Waybill #:**

**Total Pcs.**

**Total Weight:**

1

QTY Order	Type	Line Weigh	Item	Description	WO or PO	B/Code or S/N	Remarks
1			2003635	WASTE - FUEL FILTERS (DRUM)			ASSET: 352494 - DG
1			2009565	WASTE - GLYCOL CONTAMINATED RA			ASSET: 361341 - Non DG
1			3006485	WASTE - COOKING OIL			ASSET: 363025 - Non DG
1	Drums		2002505	WASTE - OILY RAGS			ASSET: 361342 - Non DG

**NOTE: All claims related to this shipment have to be filled with Nasittuq within 45 hours of receipt.**

Received By:

Date

Received By:

Date



# SHIPPING MANIFEST

Suite 1600, 275 Slater Street, Ottawa, ON K1P 5H9

**NON NEGOTIABLE**

Filled By:

**00007065**

Date:

**Aug 3, 2024, 8:27 AM**

Project ID:

Task ID:

**TCN-49001**

Ship To: LSS-F/FOX-M, HALL BEACH, DND Storeroom  
Nasittuq, LSS Hall Beach: P.O. Box 46  
Hall Beach, NU, X0A 0K0  
867-928-8987

From: FOX-3, DEWAR LAKES, DND Storeroom  
Nasittuq, NWS LSS Hall Beach, P.O. Box 46  
Hall Beach, NU, X0A 0K0  
867-928-8987

Priority

**0**

Attention:

Attention:

**Carrier:**

**Routing:**

F3 to XL on c-130

**Waybill #:**

**Total Pcs.**

**Total Weight:**

1

**700 lbs**

**QTY**  
**Order**

**Type**

**Line**  
**Weigh**

**Item**

**Description**

**WO or PO**

**B/Code or S/N**

**Remarks**

1 Drums 4002679 WASTE - METAL, SCRAP  
1 Drums 2002344 WASTE - GLYCOL (DRUM)

Asset: 368225

Asset: 368234

**NOTE: All claims related to this shipment have to be filled with Nasittuq within 45 hours of receipt.**

**Received By:**

**Date**

**Received By:**

**Date**



## ANNEX B. LOCATION OF EFFLUENT OUTFALL AND LANDFILL WITH COORDINATES



Figure B-1: Coordinates of landfill : 68° 39' 1.50"N, 71° 14' 35.00"W



Figure B-2: Coordinates of Sewage Outfall Location: 68° 39' 6.38"N, 71° 14' 6.44"W

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## **ANNEX C. ANALYSIS OF DISCHARGED SEWAGE EFFLUENT**

Monitoring Station FOD-2 was discontinued in water licence 8BC-FOD1828.

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## ANNEX D. LOCATION OF BERMED FUEL STORAGE FACILITIES<sup>1</sup>

Table D-1 contains the locations and sampling dates for the wastewater discharged from the bermed fuel storage facilities.

**Table D-2: Location of Bermed Fuel Storage Facilities and Date Sampled**

Berm	Location on-site	Discharge Latitude <sup>2</sup>	Discharge Longitude	Date
DEW W22A&B	Summit	68°39'05.43"N	71°14'03.23"W	6-Jul-2024
DEW W22C&D	Summit	68°39'03.67"N	71°13'49.97"W	5-Jul-2024
DEW W20D&E	Airstrip	68°37'24.90"N	71°08'05.62"W	11-Jul-2024

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<sup>1</sup> Effluent from bermed fuel storage facilities.

<sup>2</sup> Final discharge point of bermed fuel storage facility

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## ANNEX E. ANALYSIS OF BERM WATER <sup>3</sup>

The berms at FOX-3 were sampled using hydrocarbon test strips as per the approved QA/QC Plan for Berm Water Sampling as stated in the water licence 8BC-FOD1929, PART D, Item 11. The photo log of the hydrocarbon test strips is included in pages, which follow.

### Photo Log



Photo E 1: Hydrocarbon test strips used in berm of tanks W22A & W22B (06-Jul-2024)

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<sup>3</sup> Effluent from bermed fuel storage facilities.

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Photo E 2: Hydrocarbon test strips used in berm of tank W22C & D (25-Jul-2023)

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Photo E-3: Hydrocarbon test strips used in berm of tank W20D & E (11-Jul-2024)

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## ANNEX F. MONITORING ACTIVITIES

n/a