



**2013 Annual Report
to the
Nunavut Water Board**

**Licensee: Department of National Defence,
Government of Canada**

Licence: 3BC-FOH0919 –Type “B”

**Location: FOX-M North Warning System Site,
Hall Beach, Qikiqtani Region, Nunavut**

**Report prepared by: Nasittuq Corporation,
27 March 2014**



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Executive Summary

This 2013 Annual Report to the Nunavut Water Board (NWB) is submitted as required by the licence issued 10 September 2009 3BC-FOH0919 – Type “B”, Part B. General Conditions, paragraph 1.

FOX-M is an attended (manned) North Warning System radar site at Hall Beach, Nunavut. The site population increases from time to time, primarily in the summer, due to project activity at FOX-M and at other radar sites within FOX-M’s zone.

The quantity of water drawn was 12,960.9 cubic meters. There are no water limits in the licence because water is drawn from an artificial (man-made) reservoir and not from a natural source. The quantity of water drawn is greater than what was actually used due to water being recirculated to prevent the water line from freezing.

The volume of sewage processed by the tertiary treatment system was 1,186.9 cubic meters. Some of the treated effluent is recycled as urinal/toilet flush water. The discharged treated effluent is potable water quality. The treated effluent was sent for laboratory analysis.

The water contained in the berms of fuel storage facilities was sent for laboratory analysis and confirmed to be within effluent quality limits before the water was pumped out of the berms.

Hazardous waste was sent to hazardous waste disposal facilities outside of Nunavut. The waste went to Safety Kleen, 2730 boulevard Industriel, Chambly, QC, J3L 4V2. The waste was 149 drums of assorted waste (fuel, fuel filters, fuel and water mixture, fuel contaminated soil, oil, oil filters, etc.), 3 crates of waste batteries, and 8 crates of assorted waste (paint, paint related materials, fire extinguishers, etc.).

Nonhazardous domestic solid waste was disposed of through a contract with the Municipality of Hall Beach at the local landfill. Nasittuq has documented authorization from the community for receiving the waste.

Four outdoor spills occurred in 2013. The spills were:

- a. NT-NU Spill Line Report # 13-221. Approximately 3,000 liters Jet A1 fuel spilled from a ruptured flex line in June 2013. Sorbent pads and booms were used to remove fuel. Trenches were dug to collect fuel which was pumped into drums. Contaminated water was collected, treated on-site to meet water licence criteria, and discharged. Contaminated soil was placed in containers. Hazardous waste from the clean up was sent to a hazardous waste disposal facility outside of Nunavut. Remediation is to continue in 2014.
- b. NT-NU Spill Report # 13-258. 2 liters of Jet A1 fuel leaked from the pressure relief valve on the AR-300 aircraft refueller into secondary containment on 17 July 2013. Strong winds blew fuel out of the secondary containment onto the ground. The contaminated soil was placed in a container for disposal at a hazardous waste disposal facility outside of Nunavut;
- c. NT-NU Spill Report # 13-261. 0.5 liters of Jet A1 fuel was spilled at the vehicle refueller on 20 July 2013. An employee was refuelling a vehicle and put fuel into the tank too fast resulting in back splash out of the fill port onto the ground. The contaminated soil was placed in a container for disposal at a hazardous waste disposal facility outside of Nunavut; and
- d. NT-NU Spill Report # 13-284. 0.5 liters of Jet A1 fuel was spilled at the vehicle refueller on 09 Aug 2013. A contractor was refuelling a vehicle and overfilled the fuel tank. Most of the fuel went into secondary containment, but the wind blew approximately 0.5 liters onto the ground. Contaminated soil was placed in a container for disposal at a hazardous waste disposal facility outside of Nunavut.

The Spill Contingency Plan was revised. The Spill Response Flow Chart and the Emergency Contacts List were updated.

Introduction

This 2013 Annual Report to the Nunavut Water Board (NWB) is submitted as required by the licence issued 10 September 2009 3BC-FOH0919 – Type “B”, Part B. General Conditions, paragraph 1.

FOX-M is an attended (manned) North Warning System radar site at Hall Beach, Nunavut. The site population increases from time to time, primarily in the summer, due to project activity at FOX-M and at other radar sites within FOX-M’s zone.

Water Use

The annual water usage was 12,960.9 cubic meters, which is an average of 35.5 cubic meters per day. There are no water usage limits in the licence because water is drawn from an artificial (man-made) reservoir and not from a natural source.

The monthly quantity of water drawn is shown in Table 1 below. The quantity drawn is greater than what was actually used due to water being recirculated to prevent the water line from freezing.

Table 1. Monthly and annual raw water usage at FOX-M.

Month	Raw water usage in cubic meters (m3)
January	1,554.8
February	1,395.9
March	1,521.8
April	1,337.9
May	1,342.3
June	601.2
July	326.9
August	360.2
September	775.9
October	1,091.2
November	1,283.4
December	1,369.4
TOTAL	12,960.9

Treated Sewage Discharge

The sewage and grey water are both handled by an advanced tertiary wastewater treatment system, *Cycle-let*®. The system is maintained by Nasittuq. Some of the treated water is recycled as urinal/toilet flush water. The remainder is potable water quality and is discharged at the designated outfall. See Table 2 below for the volume of sewage and grey water treated by the Cycle-let system.

Table 2. Monthly and annual sewage and grey water treated at FOX-M.

Month	Volume of sewage and grey water treated then discharged or recycled in cubic meters (m³)
January	110.8
February	76.5
March	101.5
April	67.9
May	82.5
June	89.0
July	130.0
August	143.2
September	112.0
October	97.4
November	90.4
December	85.7
TOTAL	1,186.9

Hazardous Waste and Waste Oil Disposal

Hazardous waste and waste oil were sent to hazardous waste disposal facilities outside of Nunavut as required by the licence. The waste went to Safety Kleen, 2730 boulevard Industriel, Chambly, QC, J3L 4V2. The waste receiver number for Safety Kleen is 1144094969.

See Table 3 below for the list of items sent for disposal.

See **Annex A** for the shipping documents: the completed movement documents for waste regulated under the Transportation of Dangerous Goods Regulations (TDGR) and Nasittuq Manifests for nonregulated waste.

Table 3. Summary of waste sent for disposal from FOX-M.

Site	Description, TDG shipping name	Quantity	Movement Document or Nasittuq Manifest #
FOX-M	Waste fuel soaked absorbent Waste solids containing flammable liquids n.o.s. (fuel, aviation, turbine engine)	1 drum	Mov. Doc. 2464206-8
FOX-M	Waste oily rags Waste solids containing flammable liquid, n.o.s. (fuel, aviation, turbine engine)	1 drum	Mov. Doc. 2464206-8
FOX-M	Waste fuel contaminated rags Waste solids containing flammable liquids n.o.s. (fuel, aviation, turbine engine)	1 drum	Mov. Doc. 2464206-8
FOX-M	Waste fuel filters Waste solids containing flammable liquids n.o.s. (fuel, aviation, turbine engine)	1 drum	Mov. Doc. 2464206-8
FOX-M	Waste batteries, wet, filled with acid	1 crate	Mov. Doc. 2464206-8
FOX-M	Waste paint related material	1 crate	Mov. Doc. 2464207-6
FOX-M	Waste paint	4 crates and 1 drum	Mov. Doc. 2464207-6 and 2464348-8

Table 3. Summary of waste sent for disposal from FOX-M (continued)

Site	Description, TDG shipping name	Quantity	Movement Document or Nasittuq Manifest #
FOX-M	Waste fuel contaminated soil Waste solids containing flammable liquids n.o.s. (fuel, aviation, turbine engine)	22 drums	Mov. Doc. 2464207-6 and 2464210-0
FOX-M	Waste fuel water mixture Waste fuel, aviation, turbine engine mixture	58 drums	Mov. Doc. 2464210-0
FOX-M	Waste fire extinguishers	2 crates	Mov. Doc. 2464210-0 and 2464348-8
FOX-M	Waste batteries, wet, non-spillable	2 crates	Mov. Doc. 2464348-8
FOX-M	Waste fuel, aviation, turbine engine	6 drums	Mov. Doc. 2464349-6
FOX-M	Waste fuel water mixture Waste fuel, aviation, turbine engine mixture	2 drums	Mov. Doc. 2464349-6
FOX-M	Waste tank bottom water Waste fuel, aviation, turbine engine mixture	3 drums	Mov. Doc. 2464349-6
FOX-M	Waste fuel contaminated soil Waste solids containing flammable liquids n.o.s. (fuel, aviation, turbine engine)	8 drums	Mov. Doc. 2464349-6
FOX-M	Waste hydrochloric acid solution	3 pails ¹	Mov. Doc. 2464349-6
FOX-M	Waste activated carbon	6 drums	Nas. Man. 31141, 31142
FOX-M	Waste cooking oil	2 drums	Nas. Man. 31156
FOX-M	Waste oil	36 drums	Nas. Man. 31133, 31135, 31136, 31137, 31138, 31139, 31140, 31152, 31165, 31166, 31193, 31222
FOX-M	Waste oil filters	1 drum	Nas. Man. 31160

¹ 3 pails (UN spec.) in one crate

Nonhazardous Solid Waste Disposal

Nonhazardous domestic solid waste was disposed of through a contract with the Municipality of Hall Beach at the local landfill. Nasittuq has documented authorization from the municipality for receiving waste. See Table 4 below for the quantity of waste generated.

Table 4. Monthly and annual nonhazardous domestic solid waste sent for disposal from FOX-M.

Month	Waste generated (kg)
January	1,230
February	2,544
March	3,224
April	2,239
May	3,065
June	3,077
July	4,646
August	3,179
September	3,440
October	2,667
November	1,913
December	881
TOTAL	32,105

Monitoring Program

See **Annex B** for the location of the treated sewage effluent outfall, FOH-2, with GPS co-ordinates.

See **Annex C** for analysis of treated sewage effluent.

See **Annex D** for the list of bermed fuel storage facilities, FOH-3, with GPS co-ordinates.

See **Annex E** for analysis of berm water (water contained in the berms of fuel storage facilities). The results were confirmed to be within effluent quality limits before the water was pumped out of the berms.

Spills (Unauthorized Discharges)

Four outdoor spills occurred. They are listed in Table 5 below.

Table 5. Outdoor spills at FOX-M.

Date, Spill #	Product	Quantity	Cause and follow-up action	Location at FOX-M
21 Jun 2013, Spill # 13-221	Jet A1	Estimated 3,000 liters	Cause of spill was a ruptured flex line. Sorbent pads and booms were used to remove fuel. Trenches were dug to collect fuel which was pumped into drums. Contaminated water was collected, treated on-site, tested to confirm parameters were within water licence criteria, and discharged. Contaminated soil was placed in containers. Hazardous waste from the clean up was sent to a hazardous waste disposal facility outside of Nunavut. Remediation to continue in 2014.	Flex line on fuel line north of summit fuel tanks
17 Jul 2013, Spill # 13-258	Jet A1	2 liters	Pressure Relief Valve (PRV) on the AR-300 aircraft refueller malfunctioned after refuelling, spilling fuel into secondary containment. Strong winds resulted in fuel being blown out of the secondary containment onto the ground. Contaminated soil was removed and placed in a container for disposal at a hazardous waste disposal facility outside of Nunavut.	Aircraft refueller near hangar

Table 5. Outdoor spills at FOX-M (continued)

Date, Spill #	Product	Quantity	Cause and follow-up action	Location at FOX-M
20 Jul 2013, Spill # 13-261	Jet A1	0.5 liter	Employee was refuelling a vehicle and inadvertently put fuel into the tank too fast resulting in back splash out of the fill port onto the ground. Contaminated soil was placed in a container for disposal at a hazardous waste disposal facility outside of Nunavut. Employees were reminded to use secondary containment when refuelling vehicles.	Vehicle refueller
09 Aug 2013, Spill # 13-284	Jet A1	0.5 liter	A contractor refuelling a vehicle overfilled the fuel tank. Most of the fuel went into secondary containment, but the wind blew approximately 0.5 liters onto the ground. Contaminated soil was placed in a container for disposal at a hazardous waste disposal facility outside of Nunavut.	Vehicle refueller

Revisions to the Spill Contingency Plan

The Spill Contingency Plan was revised. The changes were:

- minor formatting changes;
- the Spill Response Flow Chart was updated; and
- the Emergency Contacts List was updated.

Progressive reclamation work undertaken

None undertaken.

Annex A

2013 Movement documents for regulated waste and Nasittuq manifests for non-regulated waste.

Note: On some completed movement documents (i.e. Parts A, B, and C completed), the shipping names in Part A are too faint to read. In such cases, another copy of the movement document with a legible Part A has been included.



DOCUMENT DE MOUVEMENT / MANIFESTE

This Movement document/manifest conforms to all federal and provincial transport and environmental legislation.
Ce document de mouvement/manifeste est conforme aux législations fédérale et provinciale sur l'environnement et le transport.

Movement Document / Manifest Reference No.
N° de référence du document de mouvement/manifeste

2464206-8

A Generator / consigneur Producteur / expéditeur		B Carrier Transporteur		C Receiver / consignee Réceptionnaire / destinataire	
Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial		Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial		Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial	
Company name / Nom de l'entreprise		Company name / Nom de l'entreprise		Company name / Nom de l'entreprise	
Mailing address / Adresse postale City / Ville Province Postal code / Code postal		Mailing address / Adresse postale City / Ville Province Postal code / Code postal		Mailing address / Adresse postale City / Ville Province Postal code / Code postal	
E-mail / Courriel électronique		E-mail / Courriel électronique		E-mail / Courriel électronique	
Tel. No. / N° de tél.		Tel. No. / N° de tél.		Tel. No. / N° de tél.	
Shipping site address / Adresse du lieu de l'expédition City / Ville Province Postal code / Code postal		Vehicle / Véhicule Trailer - Rail car No. 1 1 ^{er} remorque - wagon Trailer - Rail car No. 2 2 ^e remorque - wagon		Receiving site address / Adresse du lieu de destination City / Ville Province Postal code / Code postal	
Intended Receiver / consignee Réceptionnaire / destinataire prévu		Port of entry / Point d'entrée		Date received / Date de réception	
Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial		Port of exit / Point de sortie		Time / Heure	
Mailing address / Adresse postale City / Ville Province Postal code / Code postal		Carrier Certification: I certify that I have received waste or recyclable material from the generator / consigneur for delivery to the receiver / consignee as set out in Part A and that the information contained in Part B is complete and correct. Attestation du transporteur: J'atteste avoir reçu les déchets ou matériaux recyclables du producteur / expéditeur en vue de leur livraison au réceptionnaire / destinataire, tels qu'ils figurent à la partie A et que les renseignements inscrits à la partie B sont exacts et complets.		If waste or recyclable material to be transferred, specify intended company name / Si les déchets ou matériaux recyclables doivent être transférés, préciser le nom du destinataire	
E-mail / Courriel électronique		Name of authorized person (print) Nom de l'agent autorisé (caractères d'imprimerie)		Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial	
Tel. No. / N° de tél.		Year / Année Month / Mois Day / Jour Signature		Quantity received / Quantité reçue	
Receiving site address / Adresse du lieu de l'expédition City / Ville Province Postal code / Code postal		Year / Année Month / Mois Day / Jour Signature		Units / Unités	
Prov. code / Code prov.		Shipping name / Appellation réglementaire		Comments / Commentaires	
Class / Classe		Sub-class(es) / Sous-classe(s)		Handling Code / Code de manutention	
UN No. / N° UN		Packing / Risk gr. / Gr. d'emballage / de risque		Shipment / Envoi	
Quantity shipped / Quantité expédiée		Units / Unités		Accepted / Accepté	
Packaging / Conteneur		Codes / Codes		Refused / Refusé	
Phys. state / État phys.		Codes / Codes		Pack. Cont. / Veh. Vél.	
Notice No. / N° de notification		Notice No. / N° de notification		If handling code "Other" (specify) Si code de manutention « autre » (spécifier)	
Shipment / Envoi		Of / De		Receiver / consignee certification: I certify that the information contained in Part C is correct and complete. Attestation du réceptionnaire / destinataire: J'atteste que tous les renseignements à la partie C sont exacts et complets.	
D or R code / Code D ou R		C code / Code C		Name of authorized person (print) Nom de l'agent autorisé (caractères d'imprimerie)	
Based Annex VIII or OECD Code Annexe VIII de la Bâle ou Code OCDE		H code / Code H		Signature	
Y code / Code Y		Export / Exportation		Tel. No. / N° de tél.	
National code in country of / Code du pays		Import / Importation		Special handling / Manutention spéciale	
Customs code(s) / Code(s) de douanes		Date shipped / Date d'expédition		Attached / Joint	
Generator / consigneur certification: I certify that the information contained in Part A is correct and complete. Attestation du producteur / expéditeur: J'atteste que tous les renseignements à la partie A sont exacts et complets.		Name of authorized person (print) Nom de l'agent autorisé (caractères d'imprimerie)		As follows / Comme:	
Signature		Year / Année Month / Mois Day / Jour		Date shipped / Date d'expédition	
Tel. No. / N° de tél.		Year / Année Month / Mois Day / Jour		Time / Heure	
MOE 04-1917 (07/07)		Mailed by Consignee to Consignor - Postée par le destinataire à l'expéditeur		Scheduled arrival date / Date d'arrivée prévue	
				Year / Année Month / Mois Day / Jour	



MOVEMENT DOCUMENT / MANIFEST DOCUMENT DE MOUVEMENT / MANIFESTE

This Movement document/manifest conforms to all federal and provincial transport and environmental legislation.
Ce document de mouvement/manifeste est conforme aux législations fédérale et provinciale sur l'environnement et le transport.

2464206-8

Movement Document / Manifest Reference No.
N° de référence du document de mouvement/manifeste

A Generator / consigneur Producteur / expéditeur Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial NU6100003		B Carrier Transporteur Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial		C Receiver / consignee Réceptionnaire / destinataire Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial	
Company name / Nom de l'entreprise DND to NASITTUQ Corp		Company name / Nom de l'entreprise NEAS		Receiver / consignee information same as in Part A Les renseignements du réceptionnaire / destinataire est la même q/à la Partie A <input type="checkbox"/> Yes / Oui <input type="checkbox"/> No, complete the box below / Non, remplir la case ci-dessous	
Mailing address / Adresse postale City / Ville Province Postal code / Code postal 2200 Bldg 108 Humber Heights ON M1P 0A5		Mailing address / Adresse postale City / Ville Province Postal code / Code postal 110 Piquet Ave. ON M2K 2R5		City / Ville Province Postal code / Code postal	
E-mail / Courriel électronique Tel. No. / N° de tél. 1-800-942-0111 / 613-294-4444		E-mail / Courriel électronique Tel. No. / N° de tél. 613-577-0100		Tel. No. / N° de tél.	
Shipping site address / Adresse du lieu de l'expédition City / Ville Province Postal code / Code postal NWS 255 HALL BEACH NU X0H0K0		Vehicle / Véhicule Trailer - Rail car No. 1 1 ^{re} remorque - wagon Trailer - Rail car No. 2 2 ^e remorque - wagon		Registration No. / N° d'immatriculation Prov.	
Intended Receiver / consignee Réceptionnaire / destinataire prévu SAFETY-KLEEN Mailing address / Adresse postale City / Ville Province Postal code / Code postal 6785 Route 132 Ville Ste Catherine QC J5C1K6		Port of entry / Point d'entrée Port of exit / Point de sortie International use only International use only		Carrier Certification / I certify that I have received waste or recyclable material from the generator / consigneur for delivery to the receiver / consignee as set out in Part A and that the information contained in Part B is complete and correct. Attestation du transporteur : J'atteste avoir reçu les déchets ou matières recyclables du producteur / expéditeur en vue de leur livraison au réceptionnaire / destinataire, tels qu'ils figurent à la partie A et que les renseignements inscrits à la partie B sont exacts et complets.	
Receiving site address / Adresse du lieu de l'expédition City / Ville Province Postal code / Code postal 2730 boulevard Industriel Chambly QC J3L 4K2		Name of authorized person (print) Nom de l'agent autorisé (caractères d'imprimerie) DORIS BROWN		Tel. No. / N° de tél.	
Year / Année Month / Mois Day / Jour		Signature		Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure <input type="checkbox"/> AM <input type="checkbox"/> PM	
Prov. code Code prov.		Shipping name Appellation réglementaire Waste Solids Containing Flammable Liquid (H2S) (Produits solides contenant des liquides inflammables)		Class / Classe Sub. class(es) / Classes(s) sub.	
(i)		UN No. N° UN		Quantity shipped Quantité expédiée	
(ii)		UN No. N° UN		Quantity shipped Quantité expédiée	
(iii)		UN No. N° UN		Quantity shipped Quantité expédiée	
(iv)		UN No. N° UN		Quantity shipped Quantité expédiée	
Notice No. N° de notification		Notice Line No. N° de ligne de la notification		Shipment Envoi	
(i)		(i)		(i)	
(ii)		(ii)		(ii)	
(iii)		(iii)		(iii)	
(iv)		(iv)		(iv)	
Generator / consigneur certification: I certify that the information contained in Part A is correct and complete. Attestation du producteur / expéditeur: J'atteste que tous les renseignements à la partie A sont exacts et complets.		Name of authorized person (print) Nom de l'agent autorisé (caractères d'imprimerie) P. Sheppard		Signature SPU Z031 CIVILTY. 11 2944	
Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour		Time / Heure <input type="checkbox"/> AM <input type="checkbox"/> PM		Scheduled arrival date / Date d'arrivée prév. Year / Année Month / Mois Day / Jour	

MOE 04-1917 (07/07)

Instructions for completion and distribution on reverse / Instructions pour compléter et distribuer au verso

Copy / Copie 3 (yellow / jaui)

DOCUMENT DE MOUVEMENT / MANIFESTE

This Movement document/manifest conforms to all federal and provincial transport and environmental legislation.
Ce document de mouvement/manifeste est conforme aux législations fédérale et provinciale sur l'environnement et le transport.

2464207-6

A Generator / consigneur Producteur / expéditeur Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial Company name / Nom de l'entreprise Mailing address / Adresse postale City / Ville Province Postal code / Code postal E-mail / Courriel électronique Tel. No. / N° de tél. Shipping site address / Adresse du lieu de l'expédition City / Ville Province Postal code / Code postal		B Carrier Transporteur Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial Company name / Nom de l'entreprise Mailing address / Adresse postale City / Ville Province Postal code / Code postal E-mail / Courriel électronique Tel. No. / N° de tél. Vehicle / Véhicule Trailer - Rail car No. 1 1 ^{er} remorqueur - wagon Trailer - Rail car No. 2 2 ^e remorqueur - wagon Registration No. / N° d'immatriculation Prov.		Movement Document / Manifest Reference No. N° de référence du document de mouvement/manifeste C Receiver / consignee Réceptionnaire / destinataire Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial Receiver / consignee information same as in Part A Les renseignements du réceptionnaire / destinataire est la même qu'à la Partie A <input type="checkbox"/> Yes / Oui <input type="checkbox"/> No, complete the box below / Non, remplir la case ci-dessous Company name / Nom de l'entreprise Mailing address / Adresse postale City / Ville Province Postal code / Code postal E-mail / Courriel électronique Tel. No. / N° de tél. Receiving site address / Adresse du lieu de destination City / Ville Province Postal code / Code postal	
Intended Receiver / consignee Réceptionnaire / destinataire prévu Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial Mailing address / Adresse postale City / Ville Province Postal code / Code postal E-mail / Courriel électronique Tel. No. / N° de tél. Receiving site address / Adresse du lieu de l'expédition City / Ville Province Postal code / Code postal		Carrier Certification I certify that I have received waste or recyclable material from the generator / consigneur for delivery to the receiver / consignee as set out in Part A and that the information contained in Part B is complete and correct. Attestation du transporteur : J'atteste avoir reçu les déchets ou matières recyclables du producteur / expéditeur en vue de leur livraison au réceptionnaire / destinataire, tels qu'ils figurent à la partie A et que les renseignements inscrits à la partie B sont exacts et complets. Name of authorized person (print) Nom de l'agent autorisé (caractères d'imprimerie) Tel. No. / N° de tél. Year / Année Month / Mois Day / Jour Signature		Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heures If waste or recyclable material to be transferred, specify intended company names. Si les déchets ou matières recyclables doivent être transférés, précisez le nom du destinataire. Registration No. / Provincial ID No. N° d'immatriculation / d'id. provincial	
Shipping name Appellation réglementaire Class / Classe Sub. class(es) Class(es) sub.		UN No. N° NU Packing / risk gr. Gr. d'emballage / de risque Quantity shipped Quantité expédiée Units L or / ou Kg Unités		Packaging/Container No. / N° Codes Int.-ext. Phys. state Etat phys.	
Notice No. N° de notification Notice Line No. N° de ligne de la notification Shipment Envoi Of / De D or R code Code E ou R C code Code C Basel Annex VIII or OECD Code Annexe VIII de Bâle ou Code OCDE H code Code H Y code Code Y National code in country of / Code du pays Export Importation Customs code(s) Code(s) de douanes		Quantity received Quantité reçue Units L or / ou Kg Unités Comments Commentaires Handling Code / Code de manutention Accepted Accepté Refused Refusé Shipment / Envoi Accepted Accepté Refused Refusé Decort Véh. Pack. Cart.		If handling code "Other" (specify) Si code de manutention « autre » (spécifier) Receiver / consignee certification Attestation du réceptionnaire / destinataire : J'atteste que tous les renseignements à la partie C sont exacts et complets. Name of authorized person (print) Nom de l'agent autorisé (caractères d'imprimerie) Signature Tel. No. / N° de tél.	
Generator / consigneur certification Attestation du producteur / expéditeur : J'atteste que tous les renseignements à la partie A sont exacts et complets. Name of authorized person (print) Nom de l'agent autorisé (caractères d'imprimerie) Signature Tel. No. / N° de tél.		Special handling / Manutention spéciale <input type="checkbox"/> Attached / Ci-joint <input type="checkbox"/> As follows / Ci-contre		Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heures Scheduled arrival date / Date d'arrivée prévue Year / Année Month / Mois Day / Jour	

Mailed by Consignee to Consignor - Postée par le destinataire à l'expéditeur

CODV / Copie 6 IL



MOVEMENT DOCUMENT / MANIFEST DOCUMENT DE MOUVEMENT / MANIFESTE

This Movement document/manifest conforms to all federal and provincial transport and environmental legislation.
Ce document de mouvement/manifeste est conforme aux législations fédérale et provinciale sur l'environnement et le transport.

2464207-6

Movement Document / Manifest Reference No.
N° de référence du document de mouvement/manifeste

A Generator / consigneur Producteur / expéditeur		Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial NU6 100003	
Company name / Nom de l'entreprise DND 10 NASITTUQ CORPORATION		Mailing address / Adresse postale City / Ville Province Postal code / Code postal 22 WING BLDG 109 HERVELL HEIGHTS, ON POB 140	
E-mail / Courriel électronique 705 494 2011 2944		Tel. No. / N° de tél. EXT. 2944	
Shipping site address / Adresse du lieu de l'expédition NWS LSS HALL BEACH		City / Ville Province Postal code / Code postal HALL BEACH NU X0A 0K0	
Intended Receiver / consignee Réceptionnaire / destinataire prévu SAFETY KLEEN		Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial 114094969	
Mailing address / Adresse postale City / Ville Province Postal code / Code postal 6785 ROUTE 132 VILLE ST CATHERINE QC J5C 1K6		E-mail / Courriel électronique Tel. No. / N° de tél. ()	
Receiving site address / Adresse du lieu de l'expédition 2730 BOULEVARD INDUSTRIEL		City / Ville Province Postal code / Code postal CHAMBLAY QC J3L 4V2	
Prox. code Code prov.		Shipping name Appellation réglementaire	
Class / Classe Sub. class(es) Class(es) sub.		UN No. N° NU	
Packing / Pak. gr. Gr. d'emballage de risque		Quantity shipped Quantité expédiée	
Units L or / ou Kg Unités		Packaging / Contenant Codes Int.-ext.	
Phys. state État phys.		Quantity received Quantité reçue	
Units L or / ou Kg Unités		Comments Commentaires	
Handling Code / Code de manutention		Shipment / Envoi Accepted / Refused	
Decom. Pack. / Ve		Decom. Pack. / Ve	
Notice No. N° de notification		Notice Line No. N° de ligne de la notification	
Shipment Envoi		Of / De	
D or R code Code D ou R		C code Code C	
Basel Annex VIII or OECD Code		Annexe VIII de Bâle ou Code OCDE	
H code Code H		Y code Code Y	
Export Exportation		Import Importation	
Customs code(s) Code(s) de douanes		National code in country of / Code du pays	
If handling code "Other" (specify) Si code de manutention « autre » (spécifier)		Receiver / consignee certification / I certify that the information contained in Part C is correct and complete. Attestation du réceptionnaire / destinataire : J'atteste que tous les renseignements à la partie C sont exacts et complets.	
Signature		Tel. No. / N° de tél. ()	
Special handling / Manutention spéciale <input type="checkbox"/> Attached (O)-joint: <input type="checkbox"/> As follows / C-contre :		Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour 2011 06 07	
Time / Hours A.M. P.M.		Scheduled arrival date / Date d'arrivée prévue Year / Année Month / Mois Day / Jour 2011 06 07	
Generator / consigneur certification: I certify that the information contained in Part A is correct and complete. Attestation du producteur / expéditeur: J'atteste que tous les renseignements à la partie A sont exacts et complets.		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie) JERRY PIALLOU	
Signature JERRY PIALLOU		Tel. No. / N° de tél. 705 494 2011 EXT. 2944	

MOE 04-1917 (07/07)

Instructions for completion and distribution on reverse / Instructions pour compléter et distribuer au verso

Conv / Conie 3 (yellow / jaune)



DOCUMENT DE MOUVEMENT / MANIFESTE

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Movement Document / Manifest Reference No.
N° de référence du document de mouvement/manifeste

2464210-1

A Generator / consigneur Producteur / expéditeur		B Carrier Transporteur		C Receiver / consignee Réceptionnaire / destinataire	
Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial		Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial		Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial	
Company name / Nom de l'entreprise		Company name / Nom de l'entreprise		Company name / Nom de l'entreprise	
Mailing address / Adresse postale		Mailing address / Adresse postale		Mailing address / Adresse postale	
City / Ville		City / Ville		City / Ville	
Province		Province		Province	
Postal code / Code postal		Postal code / Code postal		Postal code / Code postal	
E-mail / Courriel électronique		E-mail / Courriel électronique		E-mail / Courriel électronique	
Tel. No. / N° de tél.		Tel. No. / N° de tél.		Tel. No. / N° de tél.	
Shipping site address / Adresse du lieu de l'expédition		Shipping site address / Adresse du lieu de l'expédition		Receiving site address / Adresse du lieu de destination	
City / Ville		City / Ville		City / Ville	
Province		Province		Province	
Postal code / Code postal		Postal code / Code postal		Postal code / Code postal	
Intended Receiver / consignee Réceptionnaire / destinataire prévu		Port of entry Point d'entrée		Port of exit Point de sortie	
Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial		Registration No. / N° d'immatriculation		Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial	
Mailing address / Adresse postale		Vehicle / Véhicule		Date received / Date de réception	
City / Ville		Trailer - Rail car No. 1 1 ^{er} remorque - wagon		Month / Mois	
Province		Trailer - Rail car No. 2 2 ^e remorque - wagon		Day / Jour	
Postal code / Code postal		Port of entry Point d'entrée		Time / Heure	
E-mail / Courriel électronique		Carrier Certification / I certify that I have received waste or recyclable material from the generator / consigneur for delivery to the receiver / consignee as set out in Part A and that the information contained in Part B is complete and correct. Attestation du transporteur : J'atteste avoir reçu les déchets ou matières recyclables du producteur / expéditeur en vue d'être livrés au récepteur / destinataire, tels qu'ils figurent à la partie A et que les renseignements inscrits à la partie B sont exacts et complets.		If waste or recyclable material to be transferred, specify intended company name / Si les déchets ou matières recyclables doivent être transférés, précisez le nom du destinataire	
Tel. No. / N° de tél.		Name of authorized person (print) Nom de l'agent autorisé (caractères d'imprimerie)		Quantity received / Quantité reçue	
Receiving site address / Adresse du lieu de l'expédition		Year / Année		Units / Unités	
City / Ville		Month / Mois		Comments / Commentaires	
Province		Day / Jour		Handling / Code de manipulation	
Postal code / Code postal		Signature		Shipment / Envoi	
Prov. code / Code prov.		Year / Année		Accepted / Refusé	
Shipping name / Appellation réglementaire		Month / Mois		Pack / Veh	
Class / Classe		Day / Jour		Discard / Vat	
Sub-Class(es) / Classe(s) subs.		Signature			
UN No. / N° UN					
Packing / Risk gr. / Gr. d'emballage / de risque					
Quantity shipped / Quantité expédiée					
Units / Unités					
Packaging / Containment No. / N°					
Codes / Codes					
Phys. state / Etat phys.					
National code in country of / Code du pays					
Export / Importation					
Customs code(s) / Codes de douanes					
Notice Line No. / N° de notification					
Notice Line No. / N° de ligne de la notification					
Shipment / Envoi					
Of / De					
D or R code / Code D ou R					
C code / Code C					
Base / Annex VIII or OECD Code / Annexe VIII de Bâle ou Code OCDE					
H code / Code H					
Y code / Code Y					
National code in country of / Code du pays					
Export / Importation					
Customs code(s) / Codes de douanes					
Generator / consigneur certification: I certify that the information contained in Part A is correct and complete. Attestation du producteur / expéditeur: J'atteste que tous les renseignements à la partie A sont exacts et complets.		Name of authorized person (print) Nom de l'agent autorisé (caractères d'imprimerie)		Signature	
Tel. No. / N° de tél.		Signature		Tel. No. / N° de tél.	
Special handling / Manipulation spéciale		Date shipped / Date d'expédition		Time / Heure	
Attached / Joint		Year / Année		Month / Mois	
As follows / Ci-joint		Month / Mois		Day / Jour	
		Day / Jour		Scheduled arrival date / Date d'arrivée prévue	
				Year / Année	
				Month / Mois	
				Day / Jour	

MOE 04-1917 (07/07)

Mailed by Consignee to Consignor - Postée par le destinataire à l'expéditeur

CODV / Copie 6



2464210-0

[illegible]

Copy / Copie 4 (pink / rose)



2464348-8

[illegible]

Mailed by Consignee to Consignor - Postée par le destinataire à l'expéditeur

2013 Annual Report to the Nunavut Water Board
Licence Number 3BC-FOH0919 – Type “B”
FOX-M, Hall Beach, NU



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Movement Document / Manifest Reference No.
N° de référence du document de mouvement/manifeste

[illegible]

MOE 04-1917 (07/07)

Instructions for completion and distribution on reverse / Instructions pour compléter et distribuer au verso

Copy / Copie 3 (yellow / jaune)



2464349-6

[illegible]

Copy / Copie 6 (brown / brun)



MOVEMENT DOCUMENT / MANIFEST DOCUMENT DE MOUVEMENT / MANIFESTE

This Movement document/manifest conforms to all federal and provincial transport and environmental legislation.
Ce document de mouvement/manifeste est conforme aux législations fédérale et provinciale sur l'environnement et le transport.

2464349-6

Movement Document / Manifest Reference No.
N° de référence du document de mouvement/manifeste

A Generator / consigneur Producteur / expéditeur Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial NUG 100003		B Carrier Transporteur Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial		C Receiver / consignee Réceptionnaire / destinataire Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial	
Company name / Nom de l'entreprise DND CONASITTUQ CORP.		Company name / Nom de l'entreprise NEAS		Receiver / consignee information same as in Part A Les renseignements du réceptionnaire / destinataire est le même qu'à la Partie A <input type="checkbox"/> Yes / Oui <input type="checkbox"/> No, complete the box below / Non, remplir la case ci-dessous	
Mailing address / Adresse postale 22 WING Pkwy, Hummell Heights ON P0H1P0		Mailing address / Adresse postale 2100 RIVERVIEW DR, MTL, QC H3C 3R5		City / Ville Province Postal code / Code postal	
E-mail / Courriel électronique Tel. No. / N° de tél.		E-mail / Courriel électronique Tel. No. / N° de tél.		City / Ville Province Postal code / Code postal	
Shipping site address / Adresse du lieu de l'expédition NW LSS HALL BEACH		Vehicle / Véhicule Trailer - Rail car No. 1 1 ^{re} remorque - wagon Trailer - Rail car No. 2 2 ^e remorque - wagon		Registration No. / N° d'immatriculation Prov.	
City / Ville FALL BEACH NU XDA OKD		Port of entry Point d'entrée Port of exit Point de sortie		Intended Receiver / consignee Réceptionnaire / destinataire prévu SAFETY-KIEEN 1144094969	
Mailing address / Adresse postale 6785 Route 132, Ville Ste Catherine QC J5C1B6		Carrier Certification: I certify that I have received waste or recyclable material from the generator / consigneur for delivery to the receiver / consignee as set out in Part A and that the information contained in Part B is complete and correct. Attestation du transporteur: J'atteste avoir reçu les déchets ou matières recyclables du producteur / expéditeur en vue de leur livraison au réceptionnaire / destinataire, tels qu'ils figurent à la partie A et que les renseignements inscrits à la partie B sont exacts et complets.		Mailing address / Adresse postale City / Ville Province Postal code / Code postal	
E-mail / Courriel électronique Tel. No. / N° de tél.		Name of authorized person (print): Nom de l'agent autorisé (caractères d'imprimerie): CEORIC BOYER		Mailing address / Adresse postale City / Ville Province Postal code / Code postal	
Receiving site address / Adresse du lieu de l'expédition 2730 boulevard Industriel		Year / Année Month / Mois Day / Jour Signature		Receiving site address / Adresse du lieu de l'expédition City / Ville Province Postal code / Code postal	
City / Ville CHAMBIY QC J3L4V2		Year / Année Month / Mois Day / Jour Signature		Receiving site address / Adresse du lieu de l'expédition City / Ville Province Postal code / Code postal	
Prov. code Code prov.		Shipping name Appellation réglementaire		Class / Classe Sub. class(es) Classe(s) sub.	
(i) waste fuel aviation turbine engine		UN No. N° UN		Packing / risk gr. Gr. d'emballage / de risque	
(ii) waste fuel aviation turbine engine mixture		UN No. N° UN		Quantity shipped Quantité expédiée	
(iii) waste solids containing flammable liquid (fuel/aviation)		UN No. N° UN		Units L or / ou Kg	
(iv) waste hydrochloric acid solution		UN No. N° UN		Packaging/Container No. / N°	
				Codes Int.-ext.	
				Phys. state État phys.	
				Quantity received Quantité reçue	
				Units L or / ou Kg	
				Comments Commentaires	
				Handling Code / Code de manutention	
				Shipment / Envoi Accepted / Refused	
				Pack. / V. Coil. / V.	
Notice No. N° de notification		Notice Line No. N° de ligne de la notification		Shipment Envoi	
				Off/De	
				D or R code Code D ou R	
				C code Code C	
				Basel Annex VIII or OECD Code Annexe VIII de Bâle ou Code OCDE	
				H code Code H	
				Y code Code Y	
				National code in country of / Code du pays	
				Export Exportation	
				Import Importation	
				Customs code(s) Code(s) de douanes	
				If handling code "Other" (specify) Si code de manutention « autre » (spécifier)	
				Receiver / consignee certification: I certify that the information contained in Part C is correct and complete. Attestation du réceptionnaire / destinataire: J'atteste que tous les renseignements à la partie C sont exacts et complets.	
				Name of authorized person (print) Nom de l'agent autorisé (caractères d'imprimerie)	
				Signature Tel. No. / N° de tél.	
				Special handling / Manutention spéciale <input type="checkbox"/> Attached / Joindre <input type="checkbox"/> As follows / Ci-contre	
				Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour	
				Time / Heure A.M. P.M.	
				Scheduled arrival date / Date d'arrivée prévue Year / Année Month / Mois Day / Jour	
				Generator / consigneur certification: I certify that the information contained in Part A is correct and complete. Attestation du producteur / expéditeur: J'atteste que tous les renseignements à la partie A sont exacts et complets.	
				Name of authorized person (print) Nom de l'agent autorisé (caractères d'imprimerie)	
				Signature Tel. No. / N° de tél.	

MOE 04-1917 (07/07)

Instructions for completion and distribution on reverse / Instructions pour compléter et distribuer au verso

Copy / Copie 3 (yellow / jaun)



NASITTUQ							
NASITTUQ MANIFEST							
Suite 400, 160 Elgin Street, Ottawa, ON K2P 2P7							
NON NEGOTIABLE							
Filled By: PSHEPPARD	Date: 2013-07-03 2:56 PM						
TCN-31133							
Ship To: CLEAN HARBORS CANADA INC. 2730 BOULEVARD INDUSTRIEL CHAMBLY, QC, J3L 4V2 CA	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Nasittuq Corporation, NWS 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: kg							
QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N	Remarks
4.0			2002406	WASTE - OIL (45 GALLON DRUM)			ASSET 323649,323648,326151,326274
NOTE: All claims related to this shipment have to be filled with Nasittuq within 45 hours of receipt.							
Received By:				Date			
Received By:				Date			

NASITTUQ							
NASITTUQ MANIFEST							
Suite 400, 160 Elgin Street, Ottawa, ON K2P 2P7							
NON NEGOTIABLE							
Filled By: PSHEPPARD	Date: 2013-07-03 4:43 PM						
TCN-31135							
Ship To: CLEAN HARBORS CANADA INC. 2730 BOULEVARD INDUSTRIEL CHAMBLY, QC, J3L 4V2 CA	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Nasittuq Corporation, NWS 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: 840 kg							
QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N	Remarks
4.0			2002406	WASTE - OIL (45 GALLON DRUM)			ASSET 325406,325407,322075,325233
NOTE: All claims related to this shipment have to be filled with Nasittuq within 45 hours of receipt.							
Received By:				Date			
Received By:				Date			



NASITTUQ MANIFEST					
Suite 400, 160 Elgin Street, Ottawa, ON K2P 2P7					NON NEGOTIABLE
Filled By: PSHEPPARD		Date: 2013-07-03 4:48 PM		TCN-31136	
Ship To: CLEAN HARBORS CANADA INC. 2730 BOULEVARD INDUSTRIEL CHAMBLY, QC, J3L 4V2 CA		From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Nasittuq Corporation, NWS 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: 840 kg
QTY Order	Type	Line Weight	Item	Description	WO or PO B/Code or S/N Remarks
4.0			2002406	WASTE - OIL (45 GALLON DRUM)	ASSET 322630,321057,322800,322342
NOTE: All claims related to this shipment have to be filled with Nasittuq within 45 hours of receipt.					Received By: Date
					Received By: Date

NASITTUQ MANIFEST					
Suite 400, 160 Elgin Street, Ottawa, ON K2P 2P7					NON NEGOTIABLE
Filled By: PSHEPPARD		Date: 2013-07-03 4:51 PM		TCN-31137	
Ship To: CLEAN HARBORS CANADA INC. 2730 BOULEVARD INDUSTRIEL CHAMBLY, QC, J3L 4V2 CA		From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Nasittuq Corporation, NWS 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: 840 kg
QTY Order	Type	Line Weight	Item	Description	WO or PO B/Code or S/N Remarks
4.0			2002406	WASTE - OIL (45 GALLON DRUM)	ASSET 324414, 323820, 324415, 324413
NOTE: All claims related to this shipment have to be filled with Nasittuq within 45 hours of receipt.					Received By: Date
					Received By: Date



Nasittuq	
Nasittuq Manifest	
Suite 400, 160 Elgin Street, Ottawa, ON K2P 2P7	
NON NEGOTIABLE	
Filled By: PSHEPPARD	Date: 2013-07-03 6:11 PM
TCN-31138	
Ship To: CLEAN HARBORS CANADA INC. 2730 BOULEVARD INDUSTRIEL CHAMBLY, QC, J3L 4V2 CA	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Nasittuq Corporation, NWS 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: 810 kg	
QTY Order	Type Line Item Weight Description WO or PO B/Code or S/N Remarks
4.0	2002406 WASTE - OIL (45 GALLON DRUM) ASSET 322583, 322585, 322074, 323168
NOTE: All claims related to this shipment have to be filled with Nasittuq within 45 hours of receipt.	
Received By:	Date
Received By:	Date

Nasittuq	
Nasittuq Manifest	
Suite 400, 160 Elgin Street, Ottawa, ON K2P 2P7	
NON NEGOTIABLE	
Filled By: PSHEPPARD	Date: 2013-07-03 6:15 PM
TCN-31139	
Ship To: CLEAN HARBORS CANADA INC. 2730 BOULEVARD INDUSTRIEL CHAMBLY, QC, J3L 4V2 CA	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Nasittuq Corporation, NWS 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: 810 kg	
QTY Order	Type Line Item Weight Description WO or PO B/Code or S/N Remarks
4.0	2002406 WASTE - OIL (45 GALLON DRUM) ASSET 323169, 324416, 325584, 325585
NOTE: All claims related to this shipment have to be filled with Nasittuq within 45 hours of receipt.	
Received By:	Date
Received By:	Date



NASITTUQ							
NASITTUQ MANIFEST							
Suite 400, 160 Elgin Street, Ottawa, ON K2P 2P7							
NON NEGOTIABLE							
Filled By: PSHEPPARD	Date: 2013-07-03 6:19 PM						
TCN-31140							
Ship To: CLEAN HARBORS CANADA INC. 2730 BOULEVARD INDUSTRIEL CHAMBLY, QC, J3L 4V2 CA	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Nasittuq Corporation, NWS 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: 810 kg							
QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N	Remarks
4.0			2002406	WASTE - OIL (45 GALLON DRUM)			ASSET 317792 , 317791 , , 317591 . 321798
NOTE: All claims related to this shipment have to be filled with Nasittuq within 45 hours of receipt.							
Received By:						Date	
Received By:						Date	

NASITTUQ							
NASITTUQ MANIFEST							
Suite 400, 160 Elgin Street, Ottawa, ON K2P 2P7							
NON NEGOTIABLE							
Filled By: PSHEPPARD	Date: 2013-07-03 6:49 PM						
TCN-31141							
Ship To: CLEAN HARBORS CANADA INC. 2730 BOULEVARD INDUSTRIEL CHAMBLY, QC, J3L 4V2 CA	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Nasittuq Corporation, NWS 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: 1250 KG							
QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N	Remarks
3.0			2002351	WASTE - ACTIVATED CARBON FILTE			ASSET 324197 , 324198 , , 324199
NOTE: All claims related to this shipment have to be filled with Nasittuq within 45 hours of receipt.							
Received By:						Date	
Received By:						Date	



NASITTUQ MANIFEST						
Suite 400, 160 Elgin Street, Ottawa, ON K2P 2P7						NON NEGOTIABLE
Filled By: PSHEPPARD		Date: 2013-07-03 6:53 PM		TCN-31142		
Ship To: CLEAN HARBORS CANADA INC. 2730 BOULEVARD INDUSTRIEL CHAMBLY, QC, J3L 4V2 CA		From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Nasittuq Corporation, NWS 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: 1250 KG
QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N
3.0			2002351	WASTE - ACTIVATED CARBON FILTE		ASSET 326275 , 326276 , 326277
NOTE: All claims related to this shipment have to be filled with Nasittuq within 45 hours of receipt.				Received By: _____ Date _____		
				Received By: _____ Date _____		



NASITTUQ MANIFEST						
Suite 400, 160 Elgin Street, Ottawa, ON K2P 2P7						NON NEGOTIABLE
Filled By: PSHEPPARD		Date: 2013-07-04 1:52 PM		TCN-31152		
Ship To: CLEAN HARBORS CANADA INC. 2730 BOULEVARD INDUSTRIEL CHAMBLY, QC, J3L 4V2 CA		From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Nasittuq Corporation, NWS 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: 180 kg
QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N
1.0			2002406	WASTE - OIL (45 GALLON DRUM)		ASSET 323646
NOTE: All claims related to this shipment have to be filled with Nasittuq within 45 hours of receipt.				Received By: _____ Date _____		
				Received By: _____ Date _____		



NASITTUQ							
NASITTUQ MANIFEST							
Suite 400, 160 Elgin Street, Ottawa, ON K2P 2P7							
NON NEGOTIABLE							
Filled By: PSHEPPARD	Date: 2013-07-04 6:47 PM						
TCN-31156							
Ship To: CLEAN HARBORS CANADA INC. 2730 BOULEVARD INDUSTRIEL CHAMBLY, QC, J3L 4V2 CA	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Nasittuq Corporation, NWS LSS Hall Beach, P. O. Box 46 Hall Beach, NU, X0A 0K0 867-928-8987						
Priority 0							
Attention:	Attention:						
Carrier: NEAS	Routing: 2X 200 L						
Waybill #:	Total Pcs. 1						
Total Weight: 400 kg							
QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N	Remarks
2.0			3006485	WASTE - COOKING OIL	BLACK DRUMS		COOKING OIL FROM KITCHEN
NOTE: All claims related to this shipment have to be filled with Nasittuq within 45 hours of receipt.				Received By: _____ Date _____			
				Received By: _____ Date _____			

NASITTUQ							
NASITTUQ MANIFEST							
Suite 400, 160 Elgin Street, Ottawa, ON K2P 2P7							
NON NEGOTIABLE							
Filled By: PSHEPPARD	Date: 2013-07-05 9:37 AM						
TCN-31160							
Ship To: CLEAN HARBORS CANADA INC. 2730 BOULEVARD INDUSTRIEL CHAMBLY, QC, J3L 4V2 CA	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Nasittuq Corporation, NWS 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: 140 kg							
QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N	Remarks
1.0			2002356	WASTE - OIL FILTERS (DRUM)			asset 321513
NOTE: All claims related to this shipment have to be filled with Nasittuq within 45 hours of receipt.				Received By: _____ Date _____			
				Received By: _____ Date _____			



NASITTUQ					
NASITTUQ MANIFEST					
Suite 400, 160 Elgin Street, Ottawa, ON K2P 2P7					
NON NEGOTIABLE					
Filled By: JPIALLAQ	Date: 2013-07-06 4:00 PM				
TCN-31165					
Ship To: CLEAN HARBORS CANADA INC. 2730 BOULEVARD INDUSTRIEL CHAMBLY, QC, J3L 4V2 CA	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Nasittuq Corporation, NWS 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: kg					
QTY Order	Type Line Weight	Item Description	WO or PO	B/Code or S/N	Remarks
2.0	PALLET 420 KG	2002406 WASTE - OIL (45 GALLON DRUM)			ASSET 325560, 325559
NOTE: All claims related to this shipment have to be filled with Nasittuq within 45 hours of receipt.					
Received By:				Date	
Received By:				Date	

NASITTUQ					
NASITTUQ MANIFEST					
Suite 400, 160 Elgin Street, Ottawa, ON K2P 2P7					
NON NEGOTIABLE					
Filled By: JPIALLAQ	Date: 2013-07-06 4:10 PM				
TCN-31166					
Ship To: CLEAN HARBORS CANADA INC. 2730 BOULEVARD INDUSTRIEL CHAMBLY, QC, J3L 4V2 CA	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Nasittuq Corporation, NWS 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: 210 KG					
QTY Order	Type Line Weight	Item Description	WO or PO	B/Code or S/N	Remarks
1.0	PALLET 210 KG	2002406 WASTE - OIL (45 GALLON DRUM)			ASSET 323821
NOTE: All claims related to this shipment have to be filled with Nasittuq within 45 hours of receipt.					
Received By:				Date	
Received By:				Date	



Nasittuq							
NASITTUQ MANIFEST							
Suite 400, 160 Elgin Street, Ottawa, ON K2P 2P7							
NON NEGOTIABLE							
Filled By: JPIALLAQ	Date: 2013-07-09 2:29 PM						
TCN-31193							
Ship To: CLEAN HARBORS CANADA INC. 2730 BOULEVARD INDUSTRIEL CHAMBLY, QC, J3L 4V2 CA	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Nasittuq Corporation, NWS 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: 360 KG							
QTY Order	Type PALLET	Line Weight	Item 2002406	Description WASTE - OIL (45 GALLON DRUM)	WO or PO	B/Code or S/N	Remarks EIN 325107, 325771
NOTE: All claims related to this shipment have to be filled with Nasittuq within 45 hours of receipt.							
Received By:						Date	
Received By:						Date	

Nasittuq							
NASITTUQ MANIFEST							
Suite 400, 160 Elgin Street, Ottawa, ON K2P 2P7							
NON NEGOTIABLE							
Filled By: JPIALLAQ	Date: 2013-07-10 2:51 PM						
TCN-31222							
Ship To: CLEAN HARBORS CANADA INC. 2730 BOULEVARD INDUSTRIEL CHAMBLY, QC, J3L 4V2 CA	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Nasittuq Corporation, NWS 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: 360 KG							
QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N	Remarks
2.0			2002406	WASTE - OIL (45 GALLON DRUM)			EIN 325107, 325771
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

FOX-M Treated Sewage Outfall (FOH-2) Location with GPS Co-ordinates



Annex C

FOX-M - Analysis of Treated Sewage Effluent



February 2013 (sample taken 01 March 2013) – Page 1 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1303670
Date Submitted: 2013-03-05
Date Reported: 2013-03-06
Project: Fox-Main 100025
COC #: 162881

Group	Analyte	MRL	Units	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D. Guideline	
Microbiology	Faecal Coliforms	0	ct/100mL	1014109 Sewage 2013-03-01 Sample 1A	3

Group	Analyte	MRL	Units	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D. Guideline	1014110 Sewage 2013-03-01 Sample 1B	1014111 Sewage 2013-03-01 Sample 1C
Microbiology	Faecal Coliforms	0	ct/100mL		29	22

Guideline = * = Guideline Exceedence
Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational
Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum
Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality
Guideline, IPWQO = Interim Provincial Water Quality Objective.



February 2013 (sample taken 01 March 2013) – Page 2 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1303671
Date Submitted: 2013-03-05
Date Reported: 2013-03-12
Project: Fox-Main
COC #: 162881

				Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	
				1014112 Sewage	
				2013-03-01 Fox - Main Cyolet	
Group	Analyte	MRL	Units	Guideline	
General Chemistry	pH	1.00			6.51
	Total Suspended Solids	2	mg/L		<2
Nutrients	BOD5	1	mg/L		1
	Oil & Grease - Mineral	1	mg/L		<1
Oil & Grease	Oil & Grease - Non-mineral	1	mg/L		<1
	Oil & Grease - Total	1	mg/L		<1
Visible Sheen	Visible Sheen		P/A		A

Guideline = * = Guideline Exceedence
** = Analysis completed at Mississauga, Ontario.
Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational
Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum
Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality
Guideline, IPWQO = Interim Provincial Water Quality Objective.

146 Colonnade Rd. Unit 8, Ottawa, ON K2E 7Y1

Page 2 of 3



March 2013 – Page 1 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1304770
Date Submitted: 2013-03-21
Date Reported: 2013-03-22
Project: FOX-MAIN-100025
COC #: 162882

				Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	1016775 Sewage Composite 2013-03-16 FOX-MAIN-Cyclelet	1016776 Sewage Composite 2013-03-16 FOX-MAIN-Cyclelet
Group	Analyte	MRL	Units	Guideline		
Microbiology	Faecal Coliforms	0	ct/100mL		5	7

				Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	1016777 Sewage Composite 2013-03-16 FOX-MAIN-Cyclelet
Group	Analyte	MRL	Units	Guideline	
Microbiology	Faecal Coliforms	0	ct/100mL		1

Guideline = * = Guideline Exceedence
** = Analysis completed at Mississauga, Ontario.
Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational
Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum
Acceptable Concentration, STD = Standard, PIWQO = Provincial Water Quality
Guideline, IPWQO = Interim Provincial Water Quality Objective.

146 Colonnade Rd. Unit 8, Ottawa, ON K2E 7Y1

Page 2 of 2



March 2013 – Page 2 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1304748
Date Submitted: 2013-03-21
Date Reported: 2013-03-26
Project: Fox - Main - 100025
COC #: 162882

				Lab I.D.	1016726
				Sample Matrix	Wastewater
				Sample Type	
				Sampling Date	2013-03-16
				Sample I.D.	Fox - Main Cycled
Group	Analyte	MRL	Units	Guideline	
General Chemistry	pH	1.00			6.90
	Total Suspended Solids	2	mg/L		<2
Nutrients	BOD5	1	mg/L		<1
	Oil & Grease - Mineral	1	mg/L		<1
Oil & Grease	Oil & Grease - Non-mineral	1	mg/L		<1
	Oil & Grease - Total	1	mg/L		<1
Visible Sheen	Visible Sheen		P/A		A

Guideline = * = Guideline Exceedence
** = Analysis completed at Mississauga, Ontario.
Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational
Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum
Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality
Guideline, IPWQO = Interim Provincial Water Quality Objective.

146 Colonnade Rd. Unit 8, Ottawa, ON K2E 7Y1

Page 2 of 3



April 2013 (sample taken 08 May 2013) – Page 1 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1308718
Date Submitted: 2013-05-10
Date Reported: 2013-05-13
Project: Fox Main - 100025
COC #: 162901

					Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.		
Group	Analyte	MRL	Units	Guideline			
Microbiology	Faecal Coliforms	0	ct/100mL		1025817 Sewage 2013-05-08 Fox Main - A		
					16		

					Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	1025818 Sewage 2013-05-08 Fox Main - B	1025819 Sewage 2013-05-08 Fox Main - C
Group	Analyte	MRL	Units	Guideline			
Microbiology	Faecal Coliforms	0	ct/100mL			19	18

Guideline = * = Guideline Exceedence
** = Analysis completed at Mississauga, Ontario.
Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.
146 Colonnade Rd. Unit 8, Ottawa, ON K2E 7Y1

Page 2 of 2

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational
Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum
Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality
Guideline, IPWQO = Interim Provincial Water Quality Objective.



April 2013 (sample taken 08 May 2013) – Page 2 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1308670
Date Submitted: 2013-05-09
Date Reported: 2013-05-16
Project: FOX-MAIN - 100025
COC #: 162901

				Lab I.D.	1025732
				Sample Matrix	Wastewater
				Sample Type	
				Sampling Date	2013-05-08
				Sample I.D.	FOX-MAIN - A
Group	Analyte	MRL	Units	Guideline	
General Chemistry	pH	1.00			6.41
	Total Suspended Solids	2	mg/L		5
Nutrients	BOD5	1	mg/L		<1
	Oil & Grease - Mineral	1	mg/L		<1
Oil & Grease	Oil & Grease - Non-mineral	1	mg/L		<1
	Oil & Grease - Total	1	mg/L		<1
Visible Sheen	Visible Sheen		P/A		A

Guideline = * = Guideline Exceedence
** = Analysis completed at Mississauga, Ontario.
Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

146 Colonnade Rd. Unit 8, Ottawa, ON K2E 7Y1

Page 2 of 3

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline,
MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable
Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO =
Interim Provincial Water Quality Objective, TDR = Typical Desired Range



May 2013 – Page 1 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1311073
Date Submitted: 2013-06-10
Date Reported: 2013-06-11
Project: FOX-MAIN-100025
COC #: 162878

				Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	1031873 Sewage 2013-05-31 84113 - A	1031874 Sewage 2013-05-31 84113 - B	1031875 Sewage 2013-05-31 84113 - C
Group	Analyte	MRL	Units	Guideline			
Microbiology	Faecal Coliforms	0	ct/100mL		5	2	7

Guideline – * = Guideline Exceedence
Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline,
MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable
Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO =
Interim Provincial Water Quality Objective, TDR = Typical Desired Range



May 2013 – Page 2 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1311084
Date Submitted: 2013-06-10
Date Reported: 2013-06-17
Project: Fox-Main-100025
COC #: 162878

Group		Analyte	MRL	Units	Guideline
General Chemistry		pH	1.00		6.85
		Total Suspended Solids	2	mg/L	<2
Nutrients		BOD5	1	mg/L	2
		Oil & Grease - Mineral	1	mg/L	<1
Oil & Grease		Oil & Grease - Non-mineral	1	mg/L	<1
		Oil & Grease - Total	1	mg/L	<1
Visible Sheen		Visible Sheen		P/A	A

Lab I.D. 1031899
Sample Matrix Sewage
Sample Type
Sampling Date 2013-05-31
Sample I.D. FOX-MAIN-40201-13-01-10

Guideline = * = Guideline Exceedence
** = Analysis completed at Mississauga, Ontario.
Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline,
MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable
Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO
= Interim Provincial Water Quality Objective, TDR = Typical Desired Range

146 Colonnade Rd. Unit 8, Ottawa, ON K2E 7Y1

Page 2 of 3



June 2013 – Page 1 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1313423
Date Submitted: 2013-07-03
Date Reported: 2013-07-04
Project: Fox-M
COC #: 162885

Group	Analyte	MRL	Units	Guideline	Lab I.D.	Sample Matrix	Sample Type	Sampling Date	Sample I.D.
					1038555	Sewage			
Microbiology	Faecal Coliforms	0	ct/100mL		1038556	Sewage			
					1038557	Sewage			
					1038558	Sewage			

Guideline = * = Guideline Exceedence
Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline,
MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable
Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO =
Interim Provincial Water Quality Objective, TDR = Typical Desired Range



June 2013 – Page 2 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (NL)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Mr. Alex McCardle
PO#:
Invoice to: Nasittuq Corp. (NL)

Report Number: 1313543
Date Submitted: 2013-07-03
Date Reported: 2013-07-10
Project: FOX-M
COC #: 162885

				Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	1038965 Sewage 2013-06-27 Hall Beach
Group	Analyte	MRL	Units	Guideline	
General Chemistry	pH	1.00			5.29
	Total Suspended Solids	2	mg/L		<2
Nutrients	BOD5	1	mg/L		2
	Oil & Grease - Mineral	1	mg/L		<1
Oil & Grease	Oil & Grease - Non-mineral	1	mg/L		<1
	Oil & Grease - Total	1	mg/L		<1
Visible Sheen	Visible Sheen		P/A		A

Guideline = * = Guideline Exceedence
** = Analysis completed at Mississauga, Ontario.
Results relate only to the parameters listed on the samples submitted.
Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline,
MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable
Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO
= Interim Provincial Water Quality Objective, TDR = Typical Desired Range

146 Colonel By Rd. Unit 8, Ottawa, ON K2E 7Y1

Page 2 of 3



July 2013 (sample taken 02 August 2013) – Page 1 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1316847
Date Submitted: 2013-08-07
Date Reported: 2013-08-08
Project: FOX-MAIN
COC #: 162884

				Lab I.D.	1048233	1048234	1048235
				Sample Matrix	Sewage	Sewage	Sewage
				Sample Type			
				Sampling Date	2013-08-02	2013-08-02	2013-08-02
				Sample I.D.	FOX-M-Cyclelet 1A	FOX-M-Cyclelet 1B	FOX-M-Cyclelet 1C
Group	Analyte	MRL	Units	Guideline			
Microbiology	Faecal Coliforms	0	ct/100mL	Water	0	1	1

Guideline = * = Guideline Exceedence
** = Analysis completed at Mississauga, Ontario.
Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

146 Colonnade Rd. Unit 8, Ottawa, ON K2E 7Y1

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO = Interim Provincial Water Quality Objective.

Page 2 of 2



July 2013 (sample taken 02 August 2013) – Page 2 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1316849
Date Submitted: 2013-08-07
Date Reported: 2013-08-14
Project: FOX-MAIN
COC #: 162884

				Lab I.D.	1048236
				Sample Matrix	Sewage
				Sample Type	
				Sampling Date	2013-08-02
				Sample I.D.	FOX-M-Cyclelet 1
Group	Analyte	MRL	Units	Guideline	
General Chemistry	pH	1.00			6.92
	Total Suspended Solids	2	mg/L		<2
Nutrients	BOD5	1	mg/L		2
	Oil & Grease - Mineral	1	mg/L		<1
Oil & Grease	Oil & Grease - Non-mineral	1	mg/L		<1
	Oil & Grease - Total	1	mg/L		<1
Visible Sheen	Visible Sheen		P/A		A

Guideline = * = Guideline Exceedence
** = Analysis completed at Mississauga, Ontario.
Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.
146 Colonnade Rd. Unit 8, Ottawa, ON K2E 7Y1

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline,
IMAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable
Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO =
Interim Provincial Water Quality Objective, TDR = Typical Desired Range

Page 2 of 3



August 2013 – Page 1 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1319074
Date Submitted: 2013-09-03
Date Reported: 2013-09-04
Project: Fox-Main
COC #: 162746

Group	Analyte	MRL	Units	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D. Guideline	1054967	1054968	1054969
					Wastewater 2013-08-29 Fox-M Cyclot 1A	Wastewater 2013-08-29 Fox-M Cyclot 1B	Wastewater 2013-08-29 Fox-M Cyclot 1C
Microbiology	Faecal Coliforms	0	ct/100mL		1	0	0

Guideline = * = Guideline Exceedence
** = Analysis completed at Mississauga, Ontario.
Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.
146 Colonnade Rd. Unit 8, Ottawa, ON K2E 7Y1

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline,
MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable
Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO =
Interim Provincial Water Quality Objective, TDR = Typical Desired Range

Page 2 of 2



August 2013 – Page 2 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1319095
Date Submitted: 2013-09-03
Date Reported: 2013-09-09
Project: Fox-Main
COC #: 162746

					Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.
					1055018 Wastewater 2013-08-29 Fox-M Cyclot 1
Group	Analyte	MRL	Units	Guideline	
General Chemistry	pH	1.00			7.47
	Total Suspended Solids	2	mg/L		<2
Nutrients	BOD5	1	mg/L		2
	Oil & Grease - Mineral	1	mg/L		<1
Oil & Grease	Oil & Grease - Non-mineral	1	mg/L		<1
	Oil & Grease - Total	1	mg/L		<1
Visible Sheen	Visible Sheen		P/A		A

Guideline = * = Guideline Exceedence
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146 Colonnade Rd. Unit 8, Ottawa, ON K2E 7Y1

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Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO
= Interim Provincial Water Quality Objective, TDR = Typical Desired Range

Page 2 of 4



September 2013 – Page 1 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1321508
Date Submitted: 2013-10-01
Date Reported: 2013-10-02
Project:
COC #: 162883

Group	Analyte	MRL	Units	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D. Guideline	1061820	1061821	1061822
					Sewage 2013-09-24 Fox-Main Cycle 1A	Sewage 2013-09-24 Fox-Main Cycle 1B	Sewage 2013-09-24 Fox-Main Cycle 1C
Microbiology	Faecal Coliforms	0	ct/100mL		0	3	0

Guideline = * = Guideline Exceedence
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146 Colonnade Rd. Unit 8, Ottawa, ON K2E 7Y1

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IMAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable
Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO =
Interim Provincial Water Quality Objective, TDR = Typical Desired Range

Page 2 of 2



September 2013 – Page 2 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1321535
Date Submitted: 2013-10-01
Date Reported: 2013-10-08
Project:
COC #: 162883

					Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.
					1061872 Sewage 2013-09-24 Fox - Main Cyclelet 1
Group	Analyte	MRL	Units	Guideline	
General Chemistry	pH	1.00			6.89
	Total Suspended Solids	2	mg/L		<2
Nutrients	BOD5	1	mg/L		4
	Oil & Grease - Mineral	1	mg/L		<1
Oil & Grease	Oil & Grease - Non-mineral	1	mg/L		2
	Oil & Grease - Total	1	mg/L		2
Visible Sheen	Visible Sheen		P/A		A

Guideline = * = Guideline Exceedence
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Methods references and/or additional QA/QC information available on request.

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Page 2 of 3

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline,
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Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO
= Interim Provincial Water Quality Objective, TDR = Typical Desired Range



October 2013 – Page 1 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1322191
Date Submitted: 2013-10-08
Date Reported: 2013-10-09
Project:
COC #: 162880

Group	Analyte	MRL	Units	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D. Guideline	1063755 Sewage	1063756 Sewage	1063757 Sewage
					2013-10-02 FOX-M Cyclist 1A	2013-10-02 FOX-M Cyclist 1B	2013-10-02 FOX-M Cyclist 1C
Microbiology	Faecal Coliforms	0	ct/100mL		3	4	3

Guideline = * = Guideline Exceedence
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Page 2 of 2

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline,
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Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO
= Interim Provincial Water Quality Objective, TDR = Typical Desired Range



October 2013 – Page 2 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1322152
Date Submitted: 2013-10-08
Date Reported: 2013-10-16
Project:
COC #: 162880

				Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	
				1063610 Wastewater 2013-10-02 Fox-M Cyclot 1	
Group	Analyte	MRL	Units	Guideline	
General Chemistry	pH	1.00			7.12
	Total Suspended Solids	2	mg/L		<2
Nutrients	BOD5	1	mg/L		7
	Oil & Grease - Mineral	1	mg/L		<1
Oil & Grease	Oil & Grease - Non-mineral	1	mg/L		2
	Oil & Grease - Total	1	mg/L		2
Visible Sheen	Visible Sheen		P/A		A

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= Interim Provincial Water Quality Objective, TDR = Typical Desired Range

146 Colonnade Rd. Unit 8, Ottawa, ON K2E 7Y1

Page 2 of 3



November 2013 – Page 1 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1326764
Date Submitted: 2013-12-05
Date Reported: 2013-12-09
Project:
COC #: 162900

				Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	1077463 Sewage 2013-11-25 Fox-M Cyclelet 1A	1077464 Sewage 2013-11-25 Fox-M Cyclelet 1B	1077465 Sewage 2013-11-25 Fox-M Cyclelet 1C
Group	Analyte	MRL	Units	Guideline			
Microbiology	Faecal Coliforms	0	ct/100mL		1	0	1

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Page 2 of 2

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline,
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Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO
= Interim Provincial Water Quality Objective, TDR = Typical Desired Range



November 2013 – Page 2 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1326799
Date Submitted: 2013-12-05
Date Reported: 2013-12-12
Project:
COC #: 162900

Group		Analyte	MRL	Units	Guideline
General Chemistry		pH	1.00		7.30
		Total Suspended Solids	2	mg/L	5
Nutrients		BOD5	1	mg/L	3
		Oil & Grease - Mineral	1	mg/L	<1
Oil & Grease		Oil & Grease - Non-mineral	1	mg/L	<1
		Oil & Grease - Total	1	mg/L	<1
Visible Sheen		Visible Sheen		P/A	A

Lab I.D. 1077549
Sample Matrix Sewage
Sample Type
Sampling Date 2013-11-25
Sample I.D. Fox-M-Cyclet 1

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Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO
= Interim Provincial Water Quality Objective, TDR = Typical Desired Range

146 Colonnade Rd. Unit 8, Ottawa, ON K2E 7Y1

Page 2 of 3



December 2013 – Page 1 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1400008
Date Submitted: 2014-01-02
Date Reported: 2014-01-03
Project:
COC #: 173151

					Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	1080823 Sewage 2013-12-20 FOX-M CYCLET 1A	1080824 Sewage 2013-12-20 FOX-M CYCLET 1B	1080825 Sewage 2013-12-20 FOX-M CYCLET 1C
Group	Analyte	MRL	Units	Guideline				
Microbiology	Faecal Coliforms	0	ct/100mL			4	6	4

Guideline = * = Guideline Exceedence
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Page 2 of 2

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline,
MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable
Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO
= Interim Provincial Water Quality Objective, TDR = Typical Desired Range



December 2013 – Page 2 of 2

The report's sampling date should be 2013-12-20 instead of 2013-01-20.

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1400007
Date Submitted: 2014-01-02
Date Reported: 2014-01-07
Project:
COC #: 173151

Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.				
1080822 Sewage 2013-01-20 FOX-M CYCLET 1				
Group	Analyte	MRL	Units	Guideline
General Chemistry	pH	1.00		6.69
	Total Suspended Solids	2	mg/L	<2
Nutrients	BOD5	1	mg/L	<1
	Oil & Grease - Mineral	1	mg/L	<1
Oil & Grease	Oil & Grease - Non-mineral	1	mg/L	<1
	Oil & Grease - Total	1	mg/L	<1
Visible Sheen	Visible Sheen		P/A	A

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Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO
= Interim Provincial Water Quality Objective, TDR = Typical Desired Range

146 Colonnade Rd. Unit 8, Ottawa, ON K2E 7Y1

Page 2 of 3

Annex D

FOX-M - Bermed Fuel Storage Facilities with GPS Co-ordinates

Licence	Location	Monitoring Station # (Final Discharge Point of Bermed Fuel Storage Facility)	Berm's Location On- site	Berm's GPS co-ordinates
3BC-FOH0919 Type "B"	FOX-M North Warning System Site, Hall Beach, Melville Peninsula, Qikiqtani Region, Nunavut	FOH-3	- Summit (near PGS building) - Berm of tank W22A	68° 45' 42" N 81° 13' 24" W
			- Summit (near PGS building) - Berm of tank W22B	68° 45' 43" N 81° 13' 26" W
			- Airfield (near hangar) - Berm of tanks W20D and W20E	68° 46' 16" N 81° 13' 59" W
			- Beach - Berm of tank W20F	68° 46' 24" N 81° 12' 47" W
			- Beach - Berm of tank W20B	68° 46' 24" N 81° 12' 50" W



Annex E

FOX-M - Analysis of Berm Water (Effluent from Bermed Fuel Storage Facilities)



15 June 2013
Summit (near PGS building), Berm of tank W22A
Page 1 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1312364
Date Submitted: 2013-06-21
Date Reported: 2013-06-25
Project: FOX - M
COC #: 128319

					Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.
					1035442 Water 2013-06-15 FOX - M W22A - Dis
Group	Analyte	MRL	Units	Guideline	
Metals	Cd	0.0001	mg/L		<0.0001
	Co	0.0002	mg/L		<0.0002
	Cr	0.001	mg/L		0.002
	Cu	0.001	mg/L		0.001
	Ni	0.005	mg/L		<0.005
	Pb	0.001	mg/L		<0.001

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= Interim Provincial Water Quality Objective, TDR = Typical Desired Range

146 Colonnade Rd. Unit 8, Ottawa, ON K2E 7Y1

Page 2 of 3



15 June 2013
Summit (near PGS building), Berm of tank W22A
Page 2 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1312363
Date Submitted: 2013-06-21
Date Reported: 2013-07-02
Project: FOX - M
COC #: 128319

				Lab I.D.	1035441
				Sample Matrix	Water
				Sample Type	
				Sampling Date	2013-06-15
				Sample I.D.	FOX - M W22A
Group	Analyte	MRL	Units	Guideline	
General Chemistry	pH	1.00			7.92
Metals	Aqua-Regia Digest		mg/L		y
	As	0.02	mg/L		<0.02
	Zn	0.04	mg/L		<0.04
Nutrients	Phenols	0.001	mg/L		<0.001
Oil & Grease	Oil & Grease - Total	1	mg/L		<1
PCBs	Polychlorinated Biphenyls (PCBs)	0.1	ug/L		<0.1
Subcontract	Hg	0.0001	mg/L		<0.0001
VOCs	Benzene	0.5	ug/L		<0.5
	Ethylbenzene	0.5	ug/L		<0.5
	Toluene	0.5	ug/L		<0.5
	Toluene-d8	1	%		101

Guideline = * = Guideline Exceedence
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= Interim Provincial Water Quality Objective, TDR = Typical Desired Range

146 Colonnade Rd. Unit 8, Ottawa, ON K2E 7Y1

Page 2 of 5



15 June 2013
Summit (near PGS building), Berm of tank W22B
Page 1 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1312362
Date Submitted: 2013-06-21
Date Reported: 2013-06-25
Project: FOX - M
COC #: 121510

					Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.
					1035440 Water 2013-06-15 FOX - M W22B - Dis
Group	Analyte	MRL	Units	Guideline	
Metals	Cd	0.0001	mg/L		<0.0001
	Co	0.0002	mg/L		<0.0002
	Cr	0.001	mg/L		0.001
	Cu	0.001	mg/L		0.001
	Ni	0.005	mg/L		<0.005
	Pb	0.001	mg/L		<0.001

Guideline = ** = Guideline Exceedence
** - Analysis completed at Mississauga, Ontario.
Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

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Page 2 of 3

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline,
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Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO
= Interim Provincial Water Quality Objective, TDR = Typical Desired Range



15 June 2013
Summit (near PGS building), Berm of tank W22B
Page 2 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1312361
Date Submitted: 2013-06-21
Date Reported: 2013-07-02
Project: FOX - M
COC #: 121510

Group		Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.
General Chemistry		pH	1.00			1035439 Water
Metals		Aqua-Regia Digest		mg/L		2013-06-15 FOX - M W22B
		As	0.02	mg/L		
		Zn	0.04	mg/L		
Nutrients		Phenols	0.001	mg/L		
Oil & Grease		Oil & Grease - Total	1	mg/L		
PCBs		Polychlorinated Biphenyls (PCBs)	0.1	ug/L		
Subcontract		Hg	0.0001	mg/L		
VOCs		Benzene	0.5	ug/L		
		Ethylbenzene	0.5	ug/L		
		Toluene	0.5	ug/L		
		Toluene-d8	1	%		

Guideline = * = Guideline Exceedence
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Methods references and/or additional QA/QC information available on request.

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MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable
Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO
= Interim Provincial Water Quality Objective, TDR = Typical Desired Range

146 Colonnade Rd. Unit 8, Ottawa, ON K2E 7Y1

Page 2 of 5



15 June 2013
Beach, Berm of tank W20B
Page 1 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1312360
Date Submitted: 2013-06-21
Date Reported: 2013-06-25
Project: FOX - M
COC #: 130440

					Lab I.D. 1035438 Sample Matrix Water Sample Type Sampling Date 2013-06-15 Sample I.D. FOX - M W20B - Dis
Group	Analyte	MRL	Units	Guideline	
Metals	Cd	0.0001	mg/L		0.0001
	Co	0.0002	mg/L		<0.0002
	Cr	0.001	mg/L		<0.001
	Cu	0.001	mg/L		0.003
	Ni	0.005	mg/L		<0.005
	Pb	0.001	mg/L		<0.001

Guideline = * = Guideline Exceedence
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Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

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= Interim Provincial Water Quality Objective, TDR = Typical Desired Range

146 Colonnade Rd. Unit 8, Ottawa, ON K2E 7Y1

Page 2 of 3



15 June 2013
Beach, Berm of tank W20B
Page 2 of 2

EXOVA OTTAWA

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Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1312359
Date Submitted: 2013-05-21
Date Reported: 2013-07-02
Project: FOX - M
COC #: 130440

					Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.
					1035437 Water 2013-05-15 FOX - M W20B
Group	Analyte	MRL	Units	Guideline	
General Chemistry	pH	1.00			7.77
Metals	Aqua-Regia Digest		mg/L		y
	As	0.02	mg/L		<0.02
	Zn	0.04	mg/L		<0.04
Nutrients	Phenols	0.001	mg/L		<0.001
Oil & Grease	Oil & Grease - Total	1	mg/L		<1
PCBs	Polychlorinated Biphenyls (PCBs)	0.1	ug/L		<0.1
Subcontract	Hg	0.0001	mg/L		<0.0001
VOCs	Benzene	0.5	ug/L		<0.5
	Ethylbenzene	0.5	ug/L		<0.5
	Toluene	0.5	ug/L		<0.5
	Toluene-d8	1	%		103

Guideline = * = Guideline Exceedence
** - Analysis completed at Mississauga, Ontario.
Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

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Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO
= Interim Provincial Water Quality Objective, TDR = Typical Desired Range

146 Colonnade Rd. Unit 8, Ottawa, ON K2E 7Y1

Page 2 of 5



15 June 2013
Beach, Berm of tank W20F
Page 1 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1312368
Date Submitted: 2013-06-21
Date Reported: 2013-06-26
Project: FOX-M
COC #: 145237

Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.					1035446 Water 2013-06-15 FOX-M-W20F - Dis
Group	Analyte	MRL	Units	Guideline	
Metals	Cd	0.0001	mg/L		<0.0001
	Co	0.0002	mg/L		<0.0002
	Cr	0.001	mg/L		0.001
	Cu	0.001	mg/L		0.001
	Ni	0.005	mg/L		<0.005
	Pb	0.001	mg/L		<0.001

Guideline = * = Guideline Exceedence
** = Analysis completed at Mississauga, Ontario.
Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

146 Colonnade Rd. Unit 8, Ottawa, ON K2E 7Y1

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MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline,
MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable
Concentration, STD = Standard, PW/QO = Provincial Water Quality Guideline, IPW/QO
= Interim Provincial Water Quality Objective, TDR = Typical Desired Range



15 June 2013
Beach, Berm of tank W20F
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EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1312367
Date Submitted: 2013-06-21
Date Reported: 2013-07-02
Project: FOX-M
COC #: 145237

				Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	1035445 Water 2013-06-15 FOX-M-W20F
Group	Analyte	MRL	Units	Guideline	
General Chemistry	pH	1.00			7.90
Metals	Aqua-Regia Digest		mg/L		y
	As	0.02	mg/L		<0.02
	Zn	0.04	mg/L		<0.04
Nutrients	Phenols	0.001	mg/L		<0.001
Oil & Grease	Oil & Grease - Total	1	mg/L		<1
PCBs	Polychlorinated Biphenyls (PCBs)	0.1	ug/L		<0.1
Subcontract	Hg	0.0001	mg/L		<0.0001
VOCs	Benzene	0.5	ug/L		<0.5
	Ethylbenzene	0.5	ug/L		<0.5
	Toluene	0.5	ug/L		<0.5
	Toluene-d8	1	%		104

Guideline = * = Guideline Exceedence
** - Analysis completed at Mississauga, Ontario.
Results relate only to the parameters tested on the samples submitted.
Methods references and/or additional QA/QC information available on request.

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MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline,
MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable
Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO
= Interim Provincial Water Quality Objective, TDR = Typical Desired Range



15 June 2013

Airfield (near hangar), Berm of tanks W20D and W20E

Page 1 of 2

EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2G4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1312370
Date Submitted: 2013-06-21
Date Reported: 2013-06-26
Project: FOX-M
COC #: 130516

				Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	
Group	Analyte	MRL	Units	Guideline	
Metals	Cd	0.0001	mg/L		1035448 Water 2013-06-15 FOX-M-W20D+W20E - Dis -0.0001
	Co	0.0002	mg/L		0.0004
	Cr	0.001	mg/L		0.001
	Cu	0.001	mg/L		0.002
	Ni	0.005	mg/L		-0.005
	Pb	0.001	mg/L		-0.001

Guideline = * = Guideline Exceedence
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Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline,
MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable
Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO
= Interim Provincial Water Quality Objective, TDR = Typical Desired Range

146 Colonnade Rd. Unit 8, Ottawa, ON K2E 7Y1

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15 June 2013

Airfield (near hangar), Berm of tanks W20D and W20E

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EXOVA OTTAWA

Certificate of Analysis



Client: Nasittuq Corp. (Ottawa)
160 Elgin Street, Suite 400
Ottawa, ON
K2P 2C4
Attention: Ms. Barb Thomson
PO#:
Invoice to: Nasittuq Corp. (Ottawa)

Report Number: 1312369
Date Submitted: 2013-05-21
Date Reported: 2013-07-02
Project: FOX-M
COC #: 130516

					Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.
					1035447 Water 2013-06-15 FOX-M-W20D+W20E
Group	Analyte	MRL	Units	Guideline	
General Chemistry	pH	1.00			7.96
Metals	Aqua-Regia Digest		mg/L		y
	As	0.02	mg/L		<0.02
	Zn	0.04	mg/L		<0.04
Nutrients	Phenols	0.001	mg/L		<0.001
Oil & Grease	Oil & Grease - Total	1	mg/L		<1
PCBs	Polychlorinated Biphenyls (PCBs)	0.1	ug/L		<0.1
Subcontract	Hg	0.0001	mg/L		<0.0001
VOCs	Benzene	0.5	ug/L		<0.5
	Ethylbenzene	0.5	ug/L		<0.5
	Toluene	0.5	ug/L		<0.5
	Toluene-d8	1	%		103

Guideline = * = Guideline Exceedence
** = Analysis completed at Mississauga, Ontario.
Results relate only to the parameters tested on the samples submitted.
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MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline,
MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable
Concentration, STD = Standard, PW/QO = Provincial Water Quality Guideline, IPW/QO
= Interim Provincial Water Quality Objective, TDR = Typical Desired Range

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