



**2010 Annual Report  
to the  
Nunavut Water Board**

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

**Licence: 3BC-SHE0919 – Type “B”**

**Location: CAM-3 North Warning System Site,  
Shepherd Bay, Kitikmeot Region, Nunavut**

**Report prepared by: Nasittuq Corporation,  
25 March 2011**



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### **Executive Summary**

This 2010 Annual Report to the Nunavut Water Board (NWB) is submitted as required by the licence issued 10 September 2009 3BC-SHE0919 – Type “B”, Part B. General Conditions, paragraph 1.

CAM-3 is an unattended (unmanned) North Warning System radar site at Shepherd Bay, Nunavut. The site is visited quarterly for preventive maintenance inspections and as required for other work by Nasittuq staff from CAM-M, Cambridge Bay, Nunavut.

The annual water usage was 87.2 cubic meters. This is well below the 1,440 cubic meters annually allowed by the licence.

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 removed from the site for disposal outside of Nunavut. The waste went to Clean Harbours, Box 390, Ryley, AB, T0B 4A0. The waste was 21 drums of assorted waste (paint, fuel filters, oily rags, fuel, oil, and oil filters), and 2 crates of batteries.

Nonhazardous domestic solid waste was flown out to CAM-M and disposed of through a contract with the Hamlet of Cambridge Bay at the local landfill. Documented authorization from the Hamlet for receiving the waste was submitted to the Nunavut Water Board.

The sewage effluent was sent for laboratory analysis. A sump for the sewage outfall was built as described in the submitted Sewage Disposal Update.



There was one spill of 50 liters of glycol inside the main building. The spill inside the building was cleaned up. Some of the glycol leaked through the floor and dripped onto the gravel underneath the building. Some contaminated gravel was put in drums and absorbent pads were placed to catch any additional drips. It was difficult to tell contaminated gravel from clean gravel because the gravel was wet. Final clean-up will be done when conditions allow the differentiation of the contaminated and clean gravel. The spill is NT-NU Spill Line # 10-427.

The Spill Contingency Plan was not revised.

## **Introduction**

This 2010 Annual Report to the Nunavut Water Board (NWB) is submitted as required, by the licence issued 10 September 2009 3BC-SHE0919 – Type “B”, Part B. General Conditions, paragraph 1.

CAM-3 is an unattended (unmanned) North Warning System radar site at Shepherd Bay, Nunavut. The site is visited quarterly for preventive maintenance inspections and as required for other work by Nasittuq staff from CAM-M, Cambridge Bay, Nunavut.

## **Water Drawn from SHE-1**

A total of 87.2 cubic meters was drawn from the water supply lake in 2010. This is well below the 1,440 cubic meters annually allowed by the licence.

**Table 1. Monthly and annual raw water drawn in 2010 at CAM-3.**

<b>Month</b>	<b>Raw water drawn in cubic meters (m<sup>3</sup>)</b>
January	0
February	0
March	0
April	0
May	0
June	0
July	54.8
August	0
September	32.4
October	0
November	0
December	0
<b>TOTAL</b>	<b>87.2</b>

## **Hazardous Waste and Waste Oil Disposal**

Hazardous waste and waste oil were sent to an approved hazardous waste disposal site outside of Nunavut as required by the licence. The waste was sent to Clean Harbours, Box 390, Ryley, AB, T0B 4A0. The waste receiver number for Clean Harbours is ABR1092.

See Annex A for 2010 shipping documents: the completed movement documents for waste regulated under the Transportation of Dangerous goods Regulations (TDGR) and Nasittuq manifests for nonregulated wastes.

Table 2 below lists the items sent for disposal.

**Table 2. Summary of waste sent for disposal in 2010 from CAM-3.**

<b>Site</b>	<b>Description, TDG shipping name</b>	<b>Quantity</b>	<b>Movement Document or Nasittuq Manifest #</b>
CAM-3	Waste paint	1 drum	Mov. Doc. 2464202-7
CAM-3	Waste batteries, wet, non-spillable	1 crate	Mov. Doc. 2464202-7
CAM-3	Waste batteries, wet, filled with acid	1 crate	Mov. Doc. 2464202-7
CAM-3	Waste fuel filters  Waste environmentally hazardous substance, solid, n.o.s. (fuel, aviation, turbine engine)	1 drum	Mov. Doc. 2464203-5
CAM-3	Waste oily rags  Waste solids containing flammable liquid n.o.s. (fuel, aviation, turbine engine)	2 drums	Mov. Doc. 2464204-3
CAM-3	Waste fuel  Waste fuel, aviation turbine engine	1 drum	Mov. Doc. 2464204-3
CAM-3	Waste fuel and oil mixture  Waste fuel, aviation turbine engine mixture	1 drum	Mov. Doc. 2464204-3
CAM-3	Waste oil	15 drums	Nas. Man. 23871, 23875, 23876, 23879
CAM-3	Waste oil filters	1 drum	Nas. Man. 23882

## **Nonhazardous Solid Waste Disposal**

Nonhazardous domestic solid waste was flown out to CAM-M and disposed of through a contract with the Hamlet of Cambridge Bay at the local landfill. Documented authorization from the Hamlet for receiving the waste was submitted to the Nunavut Water Board.

**Table 3. Monthly and annual nonhazardous domestic solid waste sent for disposal in 2010 from CAM-3.**

<b>Month</b>	<b>Waste generated (kg)</b>
January	0
February	290
March	0
April	0
May	327
June	0
July	522
August	30
September	0
October	0
November	0
December	0
<b>TOTAL</b>	<b>1,169</b>

## **Monitoring Program**

See Annex B for the location of the sewage effluent outfall, SHE-2. A sump for the sewage outfall was built as described in the submitted Sewage Disposal Update.

See Annex C for analysis of sewage effluent.

See Annex D for the list of bermed fuel storage facilities and GPS coordinates.

See Annex E for the analysis of berm water (water contained in the berms of fuel storage facilities). This analysis of berm water was done prior to the release of the effluent (i.e. prior to pumping out the berm water).

## **Spills (Unauthorized Discharges)**

One outdoor spill occurred. It is listed in Table 4 below.

**Table 4. Outdoor spills in 2010 at CAM-3.**

<b>Date, Spill #</b>	<b>Product</b>	<b>Quantity</b>	<b>Cause and follow-up action</b>	<b>Location at CAM-3</b>
21 Oct 2010, Spill # 10-427	Glycol	50 liters	<p>Auto air vent failure. A component of the engine cooling loop failed spilling 50 L of glycol onto the floor. Some glycol leaked through the floor and dripped onto the gravel below the building.</p> <p>The source of the spill was stopped. The spill inside the building was cleaned up. Some contaminated gravel was put in drums and absorbent pads were placed to catch any additional drips. It was difficult to tell contaminated gravel from clean gravel because the gravel was wet. Final clean-up will be done when conditions allow the differentiation of the contaminated and clean gravel. The failed auto air vent was replaced.</p>	DEG 3 Engine cooling loop

## **Revisions to the Spill Contingency Plan**

The Spill Contingency Plan was not revised.

## **Progressive reclamation work undertaken**

None undertaken.



## Annex A

### **2010 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.





## MOVEMENT DOCUMENT / MANIFEST DOCUMENT DE MOUVEMENT / MANIFESTE

lement document/manifest conforme à la législation  
du transport et environnement  
ment de mouvement manifeste est conforme aux régulations  
et protocole sur l'environnement et le transport

2464202-7

Generator / consignor Producteur / expéditeur		Registration No. / Product ID No. N° d'immatriculation / ID provincial		Carrier Transporteur		Registration No. / Previous ID No. N° d'immatriculation / id provincial		Movement Document / Manifest Reference No. N° de référence du document de mouvement/manifeste													
Name / Nom de l'entreprise <b>D/CO NASITTUQ CORPORATION</b>		Postcode / Code postal City / Ville Province Postal code / Code postal		Company name / Nom de l'entreprise		Mailing address / Adresse postale City / Ville Province Postal code / Code postal		Recipient / consignee Réceptionnaire / destinataire													
Address / Adresse postale City / Ville Province Postal code / Code postal		Email / Courriel électronique Tel No. / N° de tél		Vehicle / Véhicule		Registration No. / N° d'immatriculation Trailer - Rail car No. 1 1* removable - wagon Trailer - Rail car No. 2 2* removable - wagon		Registration No. / N° de tél													
Address / Adresse du lieu de destination <b>NS SHEPHERD BAY</b>		Postcode / Code postal City / Ville Province Postal code / Code postal		Port of entry Port d'entrée		Port of exit Port de sortie		Receiving site address / Adresse du lieu de destination													
Recipient / consignee Nom de l'entreprise / destinataire prévu		Registration No. / Provincial ID No. N° d'immatriculation / id provincial		Carrier identification / Identify that I have received and/or will receive material from the generator / consignor for delivery to the receiver / consignee as set out in Part A and that the information contained in Part B is complete and correct Information du transporteur : Veuillez envoyer les déchets ou matières recyclables du producteur / expéditeur en vue de leur livraison au récepteur / destinataire, tel qu'il figure à la partie A et que les renseignements inscrits à la partie B sont exacts et complets		E-mail / Courriel électronique Tel No. / N° de tél		Date received / Date de réception Year / Année Month / Mois Day / Jour		Time / Heure A.M. <input type="checkbox"/> P.M. <input type="checkbox"/>											
Address / Adresse du lieu de destination <b>NS NORTH HWY 14 SECOMARRY RD 854</b>		Postcode / Code postal City / Ville Province Postal code / Code postal		Name of authorized person (print) Nom de l'agent autorisé (écriture d'impression)		Signature		If waste or recyclable material is to be transferred, specify intended company name. Si les déchets ou matières recyclables doivent être transférés, précisez le nom du destinataire		Registration No. / Provincial ID No. N° d'immatriculation / id provincial											
Postcode / Code prov		Shipping name Appellation réglementaire		Class / Classe Sub. classe(s) Ouverte(s) / Ouverte(s)		UN No. NNU		Packing / emballage Gr. / emballage du risque		Quantity shipped Quantité expédiée		Unit Ltr / kg Unité		No. / N° Packing/Content Codes etc.		Phys. state Etat phys.					
Notion No. Code de mention		Notion Line No. N° de ligne de la mention		Shipment Envoi		On/Off Oui/Non		D or P code Code E ou R		Bureau Annex VII or OFCI Code Annexe VII de l'In ou Code OFCI		H code Code H		Y code Code Y		Export Expédition		Import Importation			
WASTE PAINT		3		1263		400		6		L		1		1		L					
WASTE BATTERIES WET NON- SPILLAGE		8		2800		III		768.18		KG		1		07		5					
WASTE BATTERIES WET FILLED WITH ACID		8		2794		III		156.82		KG		1		07		5					
Notion No. Code de mention		Notion Line No. N° de ligne de la mention		Shipment Envoi		On/Off Oui/Non		D or P code Code E ou R		Bureau Annex VII or OFCI Code Annexe VII de l'In ou Code OFCI		H code Code H		Y code Code Y		Export Expédition		Import Importation		Customs codes(s) Codes(s) de douane	
DANGEROUS GOODS CERTIFICATE NO. 548074- V34 ROAD OR RAILWAY VEHICLE OR PY SHIP ON A DOMESTIC VOYAGE EXPIRY DATE: JUNE 30 2012		24 HOUR NUMBER CAMTFC 613-996-6666 COLLECT		Name of authorized person (print) Nom de l'agent autorisé (écriture d'impression)		Signature		Tel No. / N° de tél		Handling code / Other / specify Si code de manutention + Autre + Spécifier											
1-1917 (5/07)		Instructions for completion and distribution on reverse / Instructions pour compléter et distribuer au verso		Recipient / consignee Réceptionnaire / destinataire		Information contained in Part C is correct and complete Information du récepteur / destinataire : Veuillez assurer que tous les renseignements à la partie C sont corrects et complets		Name of authorized person (print) Nom de l'agent autorisé (écriture d'impression)		Signature		Tel No. / N° de tél		Special handling / Mention de manutention		Date shipped / Date expédition Year / Année Month / Mois		Time / Heure A.M. <input type="checkbox"/> P.M. <input type="checkbox"/>			
																		Scheduled arrival date / Date d'arrivée prévue Year / Année Month / Mois		Day / Jour	

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## 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.

2464203-5

<b>A Generator / consignor Producteur / expéditeur</b>		<b>B Carrier / Transporteur</b>		<b>C Receiver / consignee Réceptionnaire / destinataire</b>	
Company name / Nom de l'entreprise <b>3BC-SHE0919</b>		Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial <b>NU610003</b>		Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial <b>NTR1029</b>	
Mailing address / Adresse postale City / Ville Province Postal code / Code postal <b>3BC-SHE0919 PO BOX 100 CAM-3, SHEPHERD BAY, NU X0B0C0</b>		Company name / Nom de l'entreprise <b>3BC-SHE0919</b>		Reference No. of other movement document(s)/manifest(s) used / N° de référence des autres documents de mouvement/manifestes utilisés <b>2464203-3</b>	
Email / Courrier électronique Tel. No. / N° de tél. <b>705-441-2704</b>		Mailing address / Adresse postale City / Ville Province Postal code / Code postal <b>3BC-SHE0919 PO BOX 100 CAM-3, SHEPHERD BAY, NU X0B0C0</b>		Registration No. / N° d'immatriculation Prov. / Prov. <b>AER1029</b>	
Shipping site address / Adresse du lieu de l'expédition <b>3BC-SHE0919 PO BOX 100 CAM-3, SHEPHERD BAY, NU X0B0C0</b>		Vehicle / Véhicule Trailer - Rail car No. 1 1 <sup>er</sup> remorque - wagon Trailer - Rail car No. 2 2 <sup>nd</sup> remorque - wagon		Registration No. / N° d'immatriculation Prov. / Prov. <b>AER1029</b>	
Intended Receiver / consignee Réceptionnaire / destinataire prévu <b>3BC-SHE0919 PO BOX 100 CAM-3, SHEPHERD BAY, NU X0B0C0</b>		Port of entry Point d'entrée Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial <b>AER1029</b>		Port of exit Point de sortie International use only International use only 26	
Mailing address / Adresse postale City / Ville Province Postal code / Code postal <b>3BC-SHE0919 PO BOX 100 CAM-3, SHEPHERD BAY, NU X0B0C0</b>		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimé): <b>Stan Yulha</b>		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimé): <b>Stan Yulha</b>	
Receiving site address / Adresse du lieu de destination <b>3BC-SHE0919 PO BOX 100 CAM-3, SHEPHERD BAY, NU X0B0C0</b>		Year / Année Month / Mois Day / Jour <b>2010 01 01</b>		Signature: <b>Stan Yulha</b>	
Prov. code Code prov. <b>(i)</b>		Shipping name Appellation réglementaire <b>3BC-SHE0919</b>		6 <sup>th</sup> Packing/ risk gr. Gr d'emballage/ de risque UN No. / N° UN <b>1000</b>	
(ii)				7 <sup>th</sup> Quantity shipped Quantité expédiée Lb or Kg <b>75</b>	
(iii)				8 <sup>th</sup> Units Unité <b>1</b>	
(iv)				9 <sup>th</sup> Packaging/Container Code/s Int.-ext. <b>1</b>	
(v)				10 <sup>th</sup> Phys. state État phys. <b>1</b>	
11 <sup>th</sup> Notice No. N° de notification <b>(i)</b>		12 <sup>th</sup> Notice Line No. N° de ligne de la notification <b>01</b>		13 <sup>th</sup> Shipment Envoy Off / De D or R code Code D ou R <b>01</b>	
(ii)				14 <sup>th</sup> C code Code C <b>01</b>	
(iii)				15 <sup>th</sup> Basel Annex VIII or OECD Code Annexe VIII de Bâle ou Code CODE <b>01</b>	
(iv)				16 <sup>th</sup> National code in country of / Code du pays H code Code H <b>01</b>	
(v)				17 <sup>th</sup> Export Expédition Y code Code Y <b>01</b>	
(vi)				18 <sup>th</sup> Import Importation Import Importation <b>01</b>	
(vii)				19 <sup>th</sup> Customs code/s Code/s de douanes <b>01</b>	
(viii)				20 <sup>th</sup> If handling code "Other" (specify) Si code de manutention « autre » (spécifiez)	
(ix)				21 <sup>th</sup> Receiver / consignee certification : I certify that the information contained in Part A is correct and completes. / J'atteste que toutes les renseignements à la partie A sont exactes et complets. <b>Stan Yulha</b>	
(x)				22 <sup>th</sup> Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimé) <b>Stan Yulha</b>	
(xi)				23 <sup>th</sup> Signature Signature <b>Stan Yulha</b>	
(xii)				24 <sup>th</sup> Tel. No. / N° de tél. <b>705-441-2704</b>	
(xiii)				25 <sup>th</sup> Special handling / Manutention spéciale <input type="checkbox"/> Attached/Joint: <input checked="" type="checkbox"/> As follows/ C-contre: <b>3BC-SHE0919</b>	
(xiv)				26 <sup>th</sup> Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour <b>2010 01 01</b>	
(xv)				27 <sup>th</sup> Time / Heure AM / PM <b>1330</b>	
(xvi)				28 <sup>th</sup> Scheduled arrival date / Date d'arrivée prévue Year / Année Month / Mois Day / Jour <b>2010 01 01</b>	

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

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**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.

**2464204-3**

1: CH473227 2: NAFSLIQ01-1 3: NAFSLIQ01-2

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

<b>A</b> Generator / consignor Producteur / expéditeur		Registration No. / Provincial ID No. N° d'immatriculation - état/province <b>NYG100003</b>	<b>B</b> Carrier / Transporteur		Registration No. / Provincial ID No. N° d'immatriculation - état/province <b>NTW0016</b>	23		24			
Company name / Nom de l'entreprise <b>TRANSPORTATION CORPORATION</b>		Company name / Nom de l'entreprise <b>NTCA</b>	Mailing address / Adresse postale City / Ville Province Postal code / Code postal <b>42003 Mackenzie Hwy, Tuk, NT X1X 2X9</b>		Mailing address / Adresse postale City / Ville Province Postal code / Code postal <b>42003 Mackenzie Hwy, Tuk, NT X1X 2X9</b>	25		26			
Mailing address / Adresse postale City / Ville Province Postal code / Code postal <b>BOX 390 RYLEY AB T0B 4A0</b>		Email / Courriel électronique Tel. No. / N° de tél. <b>705-474-2011 x2944</b>		Email / Courriel électronique Tel. No. / N° de tél. <b>705-474-2011 x2944</b>		27		28			
Shipping info address / Adresse du lieu de expédition City / Ville Province Postal code / Code postal <b>NAIS LFR SHEPHERD BAY NU X0B0C0</b>		Vehicle / Véhicule Trailer - Rail car No. 1 1° remorque - wagon		Vehicle / Véhicule Trailer - Rail car No. 2 2° remorque - wagon		29		30			
Intended Receiver / consignee Récipiendaire / destinataire privée <b>CEIAN HAGGWARD ABR 1087</b>		2 Registration No. / Provincial ID No. N° d'immatriculation - état/province <b>BOX 390 RYLEY AB T0B 4A0</b>		3 Post of entry / Point d'entrée International use only Point de sortie / International use only		31		32			
Mailing address / Adresse postale City / Ville Province Postal code / Code postal <b>2 KM NORTH HWY 14 SECONDARY RD 854 RYLEY AB T0B 4A0</b>		33 Carrier Certification / certifie que j'ai bien mentionné toutes les déchets ou matériaux recyclables dans la partie A et que les renseignements contenus dans la partie B sont exacts et complets		34 Attention du transporteur / Veuillez avoir recours aux déchets ou matériaux recyclables du producteur / expéditeur en vue de leur livraison au récepteur / destinataire, tel qu'il figure à la partie A et que les renseignements indiqués à la partie B sont exacts et complets		35		36			
Receiving site address / Adresse du lieu de destination City / Ville Province Postal code / Code postal <b>LYNDA 101105 8:00 AM 1 PM</b>		Name of authorized person (print) Nom de l'agent autorisé (écriture d'imprimante) <b>LYNDA 101105 8:00 AM 1 PM</b>		37 Name of authorized person (print) Nom de l'agent autorisé (écriture d'imprimante) <b>LYNDA 101105 8:00 AM 1 PM</b>		38 Date received / Date de réception Year / Année Month / Mois Day / Jour <b>10/08/06</b>		39 Time / Heure Hour / Heure <b>10:00</b>			
4 Post code / Code post Shipping name / Appellation réglementaire <b>WASTE SOLIDS CONTAINING FLAMMABLE LIQUID DANGERS 4.1</b>		4 Class / Classe Sub-class / Sous-classe Classification / Catégorie <b>4.1</b>		5 Packing / Emb. gr. / Gr. emballage Gr. conteneur / Gr. de conteneur <b>215.91</b>		6 Quantity shipped / Quantité expédiée Unit / Unité <b>216</b>		7 Unit of sale / Unité de vente Unit / Unité <b>kg</b>			
(a) FLUID AVIATION TURBINE FUEL											
(b) FLUID AVIATION TURBINE FUEL											
(c) FLUID AVIATION TURBINE FUEL											
8 Notes No. / N° de notification Notes Line No. / N° ligne de la notification <b>DANGEROUS Goods CERTIFICATE NO. 548074 - BY RUEAD OR RAILWAY VEHICLE FOR BY SHIP ON A DOMESTIC VOYAGE - EXPIRY DATE JUNE 30, 2012</b>		9 Shipment / Env. Off / De Date Code / Code Env. R		10 Code / Code C		11 Basic Annex VII or OECD Code Annexe VII de l'Aléa ou Code OECD		12 H code / Code H Y code / Code Y		13 National code in country of / Code du pays Export / Exportation Import / Importation Customs code(s) / Code(s) de douane	
(d) 24 HOUR NUMBER CANTEC 613-996-6666 COMM											
14 Name of authorized person (print) Nom de l'agent autorisé (écriture d'imprimante) <b>Ron DUDEAU RUEAD</b>		15 Signature Signature <b>Ron DUDEAU RUEAD</b>		16 Tel. No. / N° de tél. <b>705-474-2011 x2944</b>		17		18		19	
14 Name of authorized person (print) Nom de l'agent autorisé (écriture d'imprimante) <b>Stan YUHA</b>		15 Signature Signature <b>Stan YUHA</b>		16 Tel. No. / N° de tél. <b>780-663-3828</b>		17		18		19	
20 If handling code "Other" (specify) Si code de manutention à autre (spécifiez)		21 Receiver / consignee certification / certifie que l'information contenue dans la partie C est correcte et complète / Attention du récepteur / destinataire : Veuillez avoir recours aux déchets ou matériaux recyclables du producteur / expéditeur que tous les renseignements à la partie C sont exacts et complets		22 Name of authorized person (print) Nom de l'agent autorisé (écriture d'imprimante) <b>Stan YUHA</b>		23 Special handling / Manutention spéciale Attached Object : <input checked="" type="checkbox"/> As follows / Comme : <b>4 DANGER PLACARDS - 1-800-463-3716</b>		24 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour <b>10/08/06</b>		25 Time / Heure AM / PM <b>1330</b>	
20 Name of authorized person (print) Nom de l'agent autorisé (écriture d'imprimante) <b>Stan YUHA</b>		21 Receiver / consignee certification / certifie que l'information contenue dans la partie C est correcte et complète / Attention du récepteur / destinataire : Veuillez avoir recours aux déchets ou matériaux recyclables du producteur / expéditeur que tous les renseignements à la partie C sont exacts et complets		22 Name of authorized person (print) Nom de l'agent autorisé (écriture d'imprimante) <b>Stan YUHA</b>		23 Special handling / Manutention spéciale Attached Object : <input checked="" type="checkbox"/> As follows / Comme : <b>4 DANGER PLACARDS - 1-800-463-3716</b>		24 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour <b>10/08/06</b>		25 Time / Heure AM / PM <b>1330</b>	

Retained by Carrier - Gardée par le transporteur

Copy / Copie 4 (pink / rose)





## NASITTUQ MANIFEST

Suite 100, 170 Laurier Avenue W., Ottawa, ON K1P 5V5

NON NEGOTIABLE

Filled By: <b>KGILLIS</b>	Date: <b>23-Jul-10</b>			TCN-23871
Ship To CLEAN HARBORS CANADA INC. PO BOX 390  RYLEY AB T0B 4A0 800-287-0647	From CAM-3, SHEPHERD BAY, DND Storeroom Nasituq Corporation, NWS LSS Cambridge Bay, P.O. Bag 1050 Cambridge Bay NU X0B 0C0 867-983-2112		Priority <b>1</b>	

Attention:	Attention:
Carrier: NTCL	Routing: SHEPHERD BAY/HAY RIVER

QTY	Line Order	Item	Description	WO or PO	B/Code or S/N	Remarks
1	410	2002406	WASTE - OIL (45 GALLON DRUM)	1.22X1.22X1.15		EIN 305085
1	410	2002406	WASTE - OIL (45 GALLON DRUM)			EIN 309482
1	410	2002406	WASTE - OIL (45 GALLON DRUM)			EIN 309483
1	410	2002406	WASTE - OIL (45 GALLON DRUM)			EIN 168379

NOTE: All claims related to this shipment have to be filed with Nasituq within 45 hours of receipt.

Received By	Date
Received By	Date



## NASITTUQ MANIFEST

Suite 100, 170 Laurier Avenue W., Ottawa, ON K1P 5V5

NON NEGOTIABLE

Filed By: <b>KGILLIS</b>	Date: <b>23-Jul-10</b>	<b>TCN-23875</b>	
Ship To CLEAN HARBORS CANADA INC. PO BOX 390  RYLEY AB T0B 4A0 800-287-0647	From CAM-3, SHEPHERD BAY, DND Storeroom Nasituq Corporation, NWS LSS Cambridge Bay, P.O. Bag 1050 Cambridge Bay NU X0B 0C0 867-983-2112	Priority  <b>1</b>	

Attention:	Attention:
Carrier: NTCL	Routing: SHEPHERD BAY/HAY RIVER

QTY	Line Order	Item	Description	WO or PO	B/Code or S/N	Remarks
1	410	2002406	WASTE - OIL (45 GALLON DRUM)	1.22X1.22X1.15	EIN 302203	
1	410	2002406	WASTE - OIL (45 GALLON DRUM)		EIN 300588	
1	410	2002406	WASTE - OIL (45 GALLON DRUM)		EIN 308002	
1	410	2002406	WASTE - OIL (45 GALLON DRUM)		EIN 303876	

NOTE: All claims related to this shipment have to be filed with Nasituq within 45 hours of receipt.

Received By	Date
Received By	Date



## NASITTUQ MANIFEST

Suite 100, 170 Laurier Avenue W, Ottawa, ON K1P 5V5

NON NEGOTIABLE

Filed By: KGILLIS	Date: 23-Jul-10			TCN-23876
Ship To CLEAN HARBORS CANADA INC. PO BOX 390  RYLEY 800-267-0647	From CAM-3, SHEPHERD BAY, DND Storeroom Nasittuq Corporation, NWS LSS Cambridge Bay, P.O. Bag 1050 Cambridge Bay NU X0B 0C0 867-983-2112	Priority  <b>1</b>		

Attention:	Attention:				
Carrier: NTCL	Routing: SHEPHERD BAY/HAY RIVER	Waybill #:	Type:	Total Pcs. 1	Total Weight: 1720 LBS

QTY	Line Order	Item	Description	WO or PO	B/Code or S/N	Remarks
1	410	2002406	WASTE - OIL (45 GALLON DRUM)	1.22X1.22.1.15	EIN 166380	
1	410	2002406	WASTE - OIL (45 GALLON DRUM)		EIN 171444	
1	410	2002406	WASTE - OIL (45 GALLON DRUM)		EIN 302204	
1	410	2002406	WASTE - OIL (45 GALLON DRUM)		EIN 309626	

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

Received By	Date



## NASITTUQ MANIFEST

Suite 100, 170 Laurier Avenue W, Ottawa, ON K1P 5V5

NON NEGOTIABLE

Filled By: KGILLIS	Date: 23-Jul-10			TCN-23879
Ship To CLEAN HARBORS CANADA INC. PO BOX 390  RYLEY AB T0B 4A0 800-267-0647	From CAM-3, SHEPHERD BAY, DND Storeroom Nasittuq Corporation, NWS LSS Cambridge Bay, P.O. Bag 1050 Cambridge Bay NU X0B 0C0 867-983-2112	Priority  <b>1</b>		

Attention:	Attention:				
Carrier: NTCL	Routing: SHEPHERD BAY/HAY RIVER	Waybill #:	Type:	Total Pcs. 1	Total Weight: 1310

QTY	Line Order	Item	Description	WO or PO	B/Code or S/N	Remarks
1	410	2002406	WASTE - OIL (45 GALLON DRUM)	1.22X1.22X1.15		EIN 303959
1	410	2002406	WASTE - OIL (45 GALLON DRUM)			EIN 309627
1	410	2002406	WASTE - OIL (45 GALLON DRUM)			EIN 173522

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

Received By	Date
Received By	Date



## NASITTUQ MANIFEST

Suite 100, 170 Laurier Avenue W., Ottawa, ON K1P 5V5

NON NEGOTIABLE

Filled By: <b>KGILLIS</b>	Date: <b>23-Jul-10</b>			TCN-23882
Ship To RYLEY 800-287-0647	CLEAN HARBORS CANADA INC. PO BOX 380 AB T0B 4A0	From CAM-3, SHEPHERD BAY, DND Storeroom Nasitnuq Corporation, NWS LSS Cambridge Bay, P.O. Box 1050 Cambridge Bay NU X0B 0C0 867-983-2112	Priority <b>1</b>	

Attention:		Attention:			
Carrier: NTCL	Routing: SHEPHERD BAY/HAY RIVER	Waybill #:	Type:	Total Pcs. <b>1</b>	Total Weight: <b>385 LBS</b>

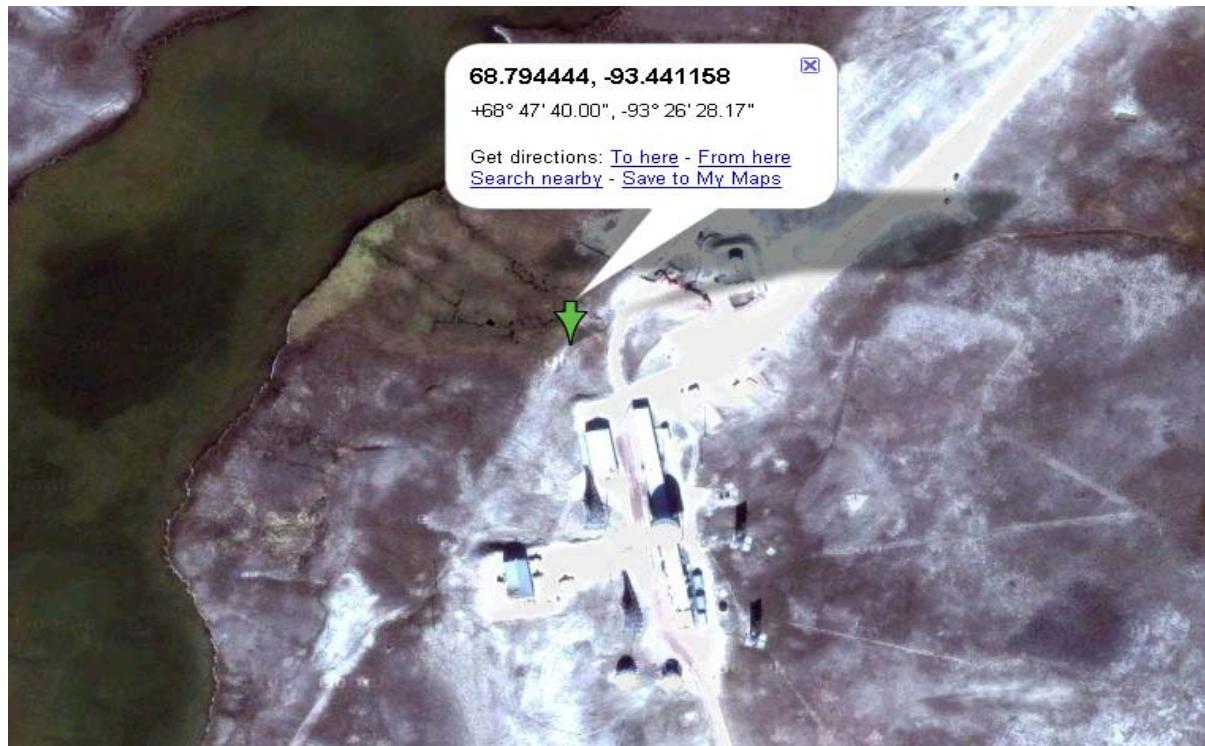
QTY	Line Order	Item	Description	WO or PO	B/Code or S/N	Remarks
1		2002356	WASTE - OIL FILTERS (DRUM)	.735X1.45X1.18		EIN 309663
1		2003635	WASTE - FUEL FILTERS (DRUM)			EIN 302200

NOTE: All claims related to this shipment have to be filed with Nasitnuq within 45 hours of receipt.

Received By	Date
Received By	Date

## Annex B

### CAM-3 Sewage Outfall Location (SHE-2) with GPS Co-ordinates





## Annex C

### Analysis of Sewage Effluent in 2010 for CAM-3



January 2010 – Page 1 of 3

EXOVA ACCUTEST

REPORT OF ANALYSIS

Exova

Client: Nasittuq Corp. (Ottawa)  
100-170 Laurier Ave. West  
Ottawa, ON  
K1P 5V5

Attention: Ms. Barb Thomson

Report Number: 1001821  
Date: 2010-02-01  
Date Submitted: 2010-01-29

Project: Cam 3

P.O. Number: Matrix: Sewage  
GUIDELINE

Chain of Custody Number: 89481

PARAMETER	UNITS	MRL	LAB ID:	773936				TYPE	LIMIT	UNITS
			Sample Date:	2010-01-19	Cam 3	Sewage	Outfall			
Faecal Coliforms	CFU/100mL			19800						

MRL = Method Reporting Limit INC = Incomplete AO = Aesthetic Objective OG = Operational Guideline MAC = Maximum Allowable Concentration IMAC = Interim Maximum Allowable Concentration

Comment:

APPROVAL:  
Dragana Dzeletovic  
Microbiology Analyst

8-146 Colonnade Road, Ottawa, ON, K2E 7Y1

1 of 1

Results relate only to the parameters tested on the samples submitted.



January 2010 – Page 2 of 3

EXOVA ACCUTEST

REPORT OF ANALYSIS

Exova  
Accutest

Client: Nasittuq Corp. (Ottawa)  
100-170 Laurier Ave. West  
Ottawa, ON  
K1P 5V5  
Attention: Ms. Barb Thomson

Report Number: 1001844  
Date: 2010-02-09  
Date Submitted: 2010-01-29

Project: Cam 3

P.O. Number: Matrix: water  
GUIDELINE

Chain of Custody Number: 89481

PARAMETER	UNITS	MRL	LAB ID:	773995						TYPE	LIMIT	UNITS
Biochemical Oxygen Demand	mg/L	1	Sample Date:	2010-01-19								
pH	mg/L	0.001	Sample ID:	Cam 3 Sewage Outfall								
Phenols	mg/L	2										
Total Suspended Solids												

MRL = Method Reporting Limit INC = Incomplete AO = Aesthetic Objective OG = Operational Guideline MAC = Maximum Allowable Concentration IMAC = Interim Maximum Allowable Concentration

Comment:

APPROVAL:

Ewan McRobbie  
Inorganic Lab Supervisor

8-146 Colonnade Road, Ottawa, ON, K2E 7Y1

1 of 1

Results relate only to the parameters tested on the samples submitted.



January 2010 – Page 3 of 3

EXOVA ACCUTEST

REPORT OF ANALYSIS

Exova  
Accutest

Client: Nasittuq Corp. (Ottawa)  
100-170 Laurier Ave. West  
Ottawa, ON  
K1P 5V5  
Attention: Ms. Barb Thomson

Report Number: 1001844  
Date: 2010-02-09  
Date Submitted: 2010-01-29

Project: Cam 3

P.O. Number:  
Matrix: water

Chain of Custody Number: 89481

PARAMETER	UNITS	MRL	LAB ID:	773995				GUIDELINE
			Sample Date:	2010-01-19				
			Sample ID:	Cam 3 Sewage Outfall				
Oil & Grease Oil & Grease - Total	mg/L	1	15					TYPE LIMIT UNITS

MRL = Method Reporting Limit INC = Incomplete AO = Aesthetic Objective OG = Operational Guideline MAC = Maximum Allowable Concentration IMAC = Interim Maximum Allowable Concentration

Comment:

APPROVAL:

Mina Nasirai  
Organic Lab Supervisor

8-146 Colonnade Road, Ottawa, ON, K2E 7Y1

1 of 1

Results relate only to the parameters tested on the samples submitted.



April 2010 – Page 1 of 3

**EXOVA ACCUTEST**

**REPORT OF ANALYSIS**

**Exova**  
Accutest

Client: Nasittuq Corp. (Ottawa)  
100-170 Laurier Ave. West  
Ottawa, ON  
K1P 5V5  
Attention: Ms. Barb Thomson

Report Number: 1010041  
Date: 2010-05-12  
Date Submitted: 2010-05-10

Project: CAM-3

P.O. Number:  
Matrix: Sewage

Chain of Custody Number: 105701

PARAMETER	UNITS	MRL	LAB ID:	795435				GUIDELINE
			Sample Date:	2010-04-28				
			Sample ID:	CAM-3 Sewage Outfall				
Faecal Coliforms	CFU/100mL	3600000						TYPE LIMIT UNITS

MRL = Method Reporting Limit INC = Incomplete AO = Aesthetic Objective OG = Operational Guideline MAC = Maximum Allowable Concentration IMAC = Interim Maximum Allowable Concentration

Comment:

**APPROVAL**

Krista Quantrell  
Drinking Water Coordinator

8-146 Colonnade Road, Ottawa, ON, K2E 7Y1

1 of 1

Results relate only to the parameters tested on the samples submitted.



April 2010 – Page 2 of 3

EXOVA ACCUTEST

REPORT OF ANALYSIS

Exova  
Accutest

Client: Nasittuq Corp. (Ottawa)  
100-170 Laurier Ave. West  
Ottawa, ON  
K1P 5V5

Attention: Ms. Barb Thomson

Report Number: 1010042  
Date: 2010-05-18  
Date Submitted: 2010-05-10

Project: CAM-3

P.O. Number: Sewage  
Matrix: GUIDELINE

Chain of Custody Number: 105701

PARAMETER	UNITS	MRL	LAB ID:	795436				TYPE	LIMIT	UNITS
			Sample Date:	2010-04-28						
			Sample ID:	CAM-3 Sewage Outfall						
Biochemical Oxygen Demand	mg/L	1		199						
pH	mg/L	2		7.35						
Total Suspended Solids	mg/L			115						

MRL = Method Reporting Limit INC = Incomplete AO = Aesthetic Objective OG = Operational Guideline MAC = Maximum Allowable Concentration IMAC = Interim Maximum Allowable Concentration

Comment:

APPROVAL:

Ewan McRobbie  
Inorganic Lab Supervisor

8-146 Colonnade Road, Ottawa, ON, K2E 7Y1

1 of 1

Results relate only to the parameters tested on the samples submitted.



April 2010 – Page 3 of 3

EXOVA ACCUTEST

REPORT OF ANALYSIS

Exova  
Accutest

Client: Nasittuq Corp. (Ottawa)  
100-170 Laurier Ave. West  
Ottawa, ON  
K1P 5V5  
Attention: Ms. Barb Thomson

Report Number: 1010042  
Date: 2010-05-18  
Date Submitted: 2010-05-10

Project: CAM-3

P.O. Number: Matrix: Sewage  
GUIDELINE

Chain of Custody Number: 105701

PARAMETER	UNITS	MRL	LAB ID:	795436				TYPE	LIMIT	UNITS
			Sample Date:	2010-04-28						
			Sample ID:	CAM-3 Sewage Outfall						
Oil & Grease										
Oil & Grease - Mineral	mg/L	1		2						
Oil & Grease - Non-mineral	mg/L	1		33						
Oil & Grease - Total	mg/L	1		35						

MRL = Method Reporting Limit INC = Incomplete AO = Aesthetic Objective OG = Operational Guideline MAC = Maximum Allowable Concentration IMAC = Interim Maximum Allowable Concentration

Comment:

APPROVAL: \_\_\_\_\_  
Mina Nasirai  
Organic Lab Supervisor

8-146 Colonnade Road, Ottawa, ON, K2E 7Y1

1 of 1

Results relate only to the parameters tested on the samples submitted.



July 2010 – Page 1 of 3

**EXOVA ACCUTEST**

**REPORT OF ANALYSIS**

**Exova**  
Accutest

Client: Nasittuq Corp. (Ottawa)  
100-170 Laurier Ave. West  
Ottawa, ON  
K1P 5V5

Attention: Ms. Barb Thomson

Report Number: 1017517  
Date: 2010-07-27  
Date Submitted: 2010-07-26

Project: CAM-3

P.O. Number: Matrix: Sewage  
GUIDELINE

Chain of Custody Number: 89477

PARAMETER	UNITS	MRL	LAB ID:	815436				TYPE	LIMIT	UNITS
			Sample Date:	2010-07-16						
			Sample ID:	Cam-3 Sewage						
Faecal Coliforms	CFU/100mL	98000								

MRL = Method Reporting Limit INC = Incomplete AO = Aesthetic Objective OG = Operational Guideline MAC = Maximum Allowable Concentration IMAC = Interim Maximum Allowable Concentration

Comment:

**APPROVAL:**

Jennifer Mitchell  
Microbiology Lab Supervisor

8-146 Colonnade Road, Ottawa, ON, K2E 7Y1

1 of 1

Results relate only to the parameters tested on the samples submitted.



July 2010 – Page 2 of 3

**EXOVA ACCUTEST**

**REPORT OF ANALYSIS**

**Exova**

Client: Nasittuq Corp. (Ottawa)  
100-170 Laurier Ave. West  
Ottawa, ON  
K1P 5V5

Attention: Ms. Barb Thomson

Report Number: 1017542  
Date: 2010-08-04  
Date Submitted: 2010-07-26

Project: Cam-3

P.O. Number:  
Matrix:

Sewage

Chain of Custody Number: 89477

PARAMETER	UNITS	MRL	LAB ID: 815483 Sample Date: 2010-07-16 Sample ID: Cam-3 Sewage	GUIDELINE		
				TYPE	LIMIT	UNITS
Biochemical Oxygen Demand	mg/L	1	207			
pH	mg/L	2	7.03			
Total Suspended Solids			98			

MRL = Method Reporting Limit INC = Incomplete AO = Aesthetic Objective OG = Operational Guideline MAC = Maximum Allowable Concentration IMAC = Interim Maximum Allowable Concentration

Comment:

APPROVAL:

Ewan McRobbie  
Inorganic Lab Supervisor

8-146 Colonnade Road, Ottawa, ON, K2E 7Y1

1 of 1

Results relate only to the parameters tested on the samples submitted.



July 2010 – Page 3 of 3

**EXOVA ACCUTEST**

**REPORT OF ANALYSIS**

**Exova**  
Accutest

Client: Nasittuq Corp. (Ottawa)  
100-170 Laurier Ave. West  
Ottawa, ON  
K1P 5V5  
Attention: Ms. Barb Thomson

Report Number: 1017542  
Date: 2010-08-04  
Date Submitted: 2010-07-26

Project: Cam-3

P.O. Number: Matrix: Sewage  
GUIDELINE

Chain of Custody Number: 89477

PARAMETER	UNITS	MRL	LAB ID: 815483	Sample Date: 2010-07-16	Sample ID: Cam-3 Sewage	Report Number: 1017542	Date: 2010-08-04	Date Submitted: 2010-07-26	Project: Cam-3	P.O. Number: Matrix: Sewage GUIDELINE	TYPE	LIMIT	UNITS
Oil & Grease	mg/L	1	<1										
Oil & Grease - Mineral	mg/L	1	21										
Oil & Grease - Non-mineral	mg/L	1	21										
Oil & Grease - Total	mg/L	1	21										
Visible Sheen	mg/L	Yes											

MRL = Method Reporting Limit INC = Incomplete AO = Aesthetic Objective OG = Operational Guideline MAC = Maximum Allowable Concentration IMAC = Interim Maximum Allowable Concentration

Comment:

APPROVAL:

Mina Nasirai  
Organic Lab Supervisor

8-146 Colonnade Road, Ottawa, ON, K2E 7Y1

1 of 1

Results relate only to the parameters tested on the samples submitted.



## Annex D

### CAM-3 - Bermed Fuel Storage Facilities with GPS Coordinates

<b>Licence</b>	<b>Location</b>	<b>Monitoring Station # (Final Discharge Point of Bermed Fuel Storage Facility)</b>	<b>Berm's Location On- site</b>	<b>Berm's GPS co-ordinates</b>
3BC-SHE0919 Type "B"	CAM-3 North Warning System Site, Shepherd Bay, Kitikmeot Region, Nunavut	SHE-3	- Summit (near helipad) - Berm of tank W22A	68° 47' 42" N 93° 26' 20" W
			- Beach - Berm of tanks W22C and W22D	68° 48' 07" N 93° 36' 50" W



## Annex E

### **CAM-3 - Analysis of Berm Water (Effluent from Bermed Fuel Storage Facilities)**



**14 June 2010**  
**Summit (near helipad), Berm of tank W22A**  
**Page 1 of 4**

**EXOVA ACCUTEST**

**REPORT OF ANALYSIS**

**Exova**  
Accutest

Client: Nasittuq Corp. (Ottawa)  
100-170 Laurier Ave. West  
Ottawa, ON  
K1P 5V5

Attention: Ms. Barb Thomson

Report Number: 1014431  
Date: 2010-06-30  
Date Submitted: 2010-06-24

Project: Cam-3 C

P.O. Number:  
Matrix: Wastewater

Chain of Custody Number: 122613

PARAMETER	UNITS	MRL	LAB ID:	807666					GUIDELINE
			Sample Date:	2010-06-14					
			Sample ID:	C3-SHEW22A					
Polychlorinated Biphenyls - PCBs Polychlorinated Biphenyls (PCBs)	ug/L	0.1	<0.1						

MRL = Method Reporting Limit INC = Incomplete AO = Aesthetic Objective OG = Operational Guideline MAC = Maximum Allowable Concentration IMAC = Interim Maximum Allowable Concentration

Comment:

**APPROVAL:**

Mina Nasirai  
Organic Lab Supervisor

8-146 Colonnade Road, Ottawa, ON, K2E 7Y1

1 of 1

Results relate only to the parameters tested on the samples submitted.



14 June 2010  
Summit (near helipad), Berm of tank W22A  
Page 2 of 4

EXOVA ACCUTEST

REPORT OF ANALYSIS

Exova  
Accutest

Client: Nasittuq Corp. (Ottawa)  
100-170 Laurier Ave. West  
Ottawa, ON  
K1P 5V5  
Attention: Ms. Barb Thomson

Report Number: 1014431  
Date: 2010-08-30  
Date Submitted: 2010-08-24  
Project: Cam-3 C

Chain of Custody Number: 122613

PARAMETER	UNITS	MRL	7.74	<0.001	<0.05	<0.0001	<0.05	Wastewater		
								LAB ID:	Sample Date:	Sample ID:
pH										
Phenols	mg/L	0.001								
Arsenic	mg/L	0.05								
Mercury	mg/L	0.0001								
Zinc	mg/L	0.05								

MRL = Method Reporting Limit INC = Incomplete AO = Aesthetic Objective OG = Operational Guideline MAC = Maximum Allowable Concentration IMAC = Interim Maximum Allowable Concentration

Comment:

807666: Arsenic and Zinc analysis performed on aqua-regia digest of sample material.

APPROVAL: \_\_\_\_\_  
Ewan McRobbie  
Inorganic Lab Supervisor



14 June 2010  
Summit (near helipad), Berm of tank W22A  
Page 3 of 4

EXOVA ACCUTEST

REPORT OF ANALYSIS

Exova  
Accutest

Client: Nasittuq Corp. (Ottawa)  
100-170 Laurier Ave. West  
Ottawa, ON  
K1P 5V5  
Attention: Ms. Barb Thomson

Report Number: 1014431  
Date: 2010-06-30  
Date Submitted: 2010-06-24  
Project: Cam-3 C

Chain of Custody Number: 122613

PARAMETER	UNITS	MRL	LAB ID: Sample Date: Sample ID:	807666					Wastewater GUIDELINE	TYPE	LIMIT	UNITS
				2010-06-14								
				C3-SHEW22A								
VOLATILE ORGANIC COMPOUNDS - VOCs												
Benzene	ug/L	0.5		<0.5								
Ethylbenzene	ug/L	0.5		<0.5								
Toluene	ug/L	0.5		<0.5								
VOC SURROGATES												
Toluene-d8	%			102								
Oil & Grease												
Oil & Grease - Total	mg/L	1		<1								

MRL = Method Reporting Limit INC = Incomplete AO = Aesthetic Objective OG = Operational Guideline MAC = Maximum Allowable Concentration IMAC = Interim Maximum Allowable Concentration  
Comment:

APPROVAL: \_\_\_\_\_  
Mina Nasirai  
Organic Lab Supervisor



14 June 2010  
Summit (near helipad), Berm of tank W22A  
Page 4 of 4

EXOVA ACCUTEST

REPORT OF ANALYSIS

Exova  
Accutest

Client: Nasittuq Corp. (Ottawa)  
100-170 Laurier Ave. West  
Ottawa, ON  
K1P 5V5  
Attention: Ms. Barb Thomson

Report Number: 1014432  
Date: 2010-08-28  
Date Submitted: 2010-08-24  
Project: Cam-3 C

Chain of Custody Number: 122613

P.O. Number:  
Matrix: Wastewater  
GUIDELINE

PARAMETER	UNITS	MRL	LAB ID:	807687					TYPE	LIMIT	UNITS
			Sample Date:	2010-08-14							
			Sample ID:	C3-SHEW22A	Dissolved Metals						
Cadmium	mg/L	0.0001	<0.0001								
Chromium	mg/L	0.001	0.002								
Cobalt	mg/L	0.0002	<0.0002								
Copper	mg/L	0.001	0.019								
Lead	mg/L	0.001	<0.001								
Nickel	mg/L	0.005	<0.005								

MRL = Method Reporting Limit INC = Incomplete AO = Aesthetic Objective OG = Operational Guideline MAC = Maximum Allowable Concentration IMAC = Interim Maximum Allowable Concentration  
Comment:

APPROVAL:

Ewan McRobbie  
Inorganic Lab Supervisor



25 June 2010  
Beach, Berm of tank W22C and W22D  
Page 1 of 4

EXOVA ACCUTEST

REPORT OF ANALYSIS

Exova  
Accutest

Client: Nasittuq Corp. (Ottawa)  
100-170 Laurier Ave. West  
Ottawa, ON  
K1P 5V5  
Attention: Ms. Barb Thomson

Report Number: 1015819  
Date: 2010-07-15  
Date Submitted: 2010-07-08  
Project: CAM-3 C3  
P.O. Number:  
Matrix: Water  
GUIDELINE

Chain of Custody Number: 114153

PARAMETER	UNITS	MRL	LAB ID:	811052				TYPE	LIMIT	UNITS
			Sample Date:	2010-06-25						
			Sample ID:	SHE W22C W22D						
Polychlorinated Biphenyls - PCBs Polychlorinated Biphenyls (PCBs)	ug/L	0.1	<0.1							

MRL = Method Reporting Limit INC = Incomplete AO = Aesthetic Objective OG = Operational Guideline MAC = Maximum Allowable Concentration IMAC = Interim Maximum Allowable Concentration  
Comment:

APPROVAL:

Charlie Qu  
Organic Lab Team Leader



25 June 2010  
Beach, Berm of tank W22C and W22D  
Page 2 of 4

EXOVA ACCUTEST

REPORT OF ANALYSIS

Exova  
Accutest

Client: Nasittuq Corp. (Ottawa)  
100-170 Laurier Ave. West  
Ottawa, ON  
K1P 5V5

Attention: Ms. Barb Thomson

Report Number: 1015819  
Date: 2010-07-15  
Date Submitted: 2010-07-08

Project: CAM-3 C3

P.O. Number: Matrix: Water

Chain of Custody Number: 114153

PARAMETER	UNITS	MRL	LAB ID:	811052					GUIDELINE
			Sample Date:	2010-06-25					
			Sample ID:	SHE W22C W22D					
pH				7.57					
Phenols	mg/L	0.001		<0.001					
Arsenic	mg/L	0.05		<0.05					
Mercury	mg/L	0.0001		<0.0001					
Zinc	mg/L	0.05		<0.05					

MRL = Method Reporting Limit INC = Incomplete AO = Aesthetic Objective OG = Operational Guideline MAC = Maximum Allowable Concentration IMAC = Interim Maximum Allowable Concentration

Comment:

811052: Metals analysis performed on aqua-regia digest of sample material.

APPROVAL:

Ewan McRobbie  
Inorganic Lab Supervisor



25 June 2010  
Beach, Berm of tank W22C and W22D  
Page 3 of 4

EXOVA ACCUTEST

REPORT OF ANALYSIS

Exova  
Accutest

Client: Nasittuq Corp. (Ottawa)  
100-170 Laurier Ave. West  
Ottawa, ON  
K1P 5V5  
Attention: Ms. Barb Thomson

Report Number: 1015819  
Date: 2010-07-15  
Date Submitted: 2010-07-08  
Project: CAM-3 C3

Chain of Custody Number: 114153

LAB ID:	811052				GUIDELINE
	Sample Date:	2010-08-25			
		Sample ID:	SHE W22C W22D		

PARAMETER	UNITS	MRL					TYPE	LIMIT	UNITS
VOLATILE ORGANIC COMPOUNDS - VOCs									
Benzene	ug/L	0.5	<0.5						
Ethylbenzene	ug/L	0.5	<0.5						
Toluene	ug/L	0.5	<0.5						
VOC SURROGATES									
Toluene-d8	%		82						
Oil & Grease									
Oil & Grease - Total	mg/L	1	<1						

MRL = Method Reporting Limit INC = Incomplete AO = Aesthetic Objective OG = Operational Guideline MAC = Maximum Allowable Concentration IMAC = Interim Maximum Allowable Concentration  
Comment:

APPROVAL: \_\_\_\_\_  
Charlie Qu  
Organic Lab Team Leader



25 June 2010  
Beach, Berm of tank W22C and W22D  
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EXOVA ACCUTEST

REPORT OF ANALYSIS

Exova  
Accutest

Client: Nasittuq Corp. (Ottawa)  
100-170 Laurier Ave. West  
Ottawa, ON  
K1P 5V5

Attention: Ms. Barb Thomson

Report Number: 1015820  
Date: 2010-07-13  
Date Submitted: 2010-07-08

Project: CAM-3 C3

P.O. Number: Matrix: Water

Chain of Custody Number: 114153

PARAMETER	UNITS	MRL	LAB ID:	811053					GUIDELINE
			Sample Date:	2010-06-25					
			Sample ID:	SHE W22C W22D Dissolved ++					
Cadmium	mg/L	0.0001	<0.0001						
Chromium	mg/L	0.001	<0.001						
Cobalt	mg/L	0.0002	<0.0002						
Copper	mg/L	0.001	0.003						
Lead	mg/L	0.001	<0.001						
Nickel	mg/L	0.005	<0.005						

MRL = Method Reporting Limit INC = Incomplete AO = Aesthetic Objective OG = Operational Guideline MAC = Maximum Allowable Concentration IMAC = Interim Maximum Allowable Concentration

Comment:

APPROVAL:

Ewan McRobbie  
Inorganic Lab Supervisor

8-146 Colonnade Road, Ottawa, ON, K2E 7Y1

1 of 1

Results relate only to the parameters tested on the samples submitted.