



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

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

Licence: 3BC-DYE0919– Type “B”

**Location: DYE-M North Warning System Site,
Cape Dyer, Qikiqtani Region, Nunavut**

**Report prepared by: Nasittuq Corporation,
24 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-DYE0919– Type “B”, Part B. General Conditions, paragraph 1.

DYE-M is an unattended (unmanned) North Warning System radar site at Cape Dyer, Nunavut. The site is visited quarterly for preventive maintenance inspections and as required for other work by Nasittuq staff based out of the Logistics Support Site - Iqaluit (LSS-Q), Iqaluit, Nunavut.

The annual water usage was 121.5 cubic meters taken from the melt-water water source DYE-1(b). This is below the annual maximum of 1,440 cubic meters allowed by the licence. No water was taken from the water lake DYE-1(a).

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 Safety Kleen 2730, boulevard Industriel, Chambly, QC, J3L 4V2. The waste was 23 drums of assorted waste (fuel, fuel filters, oil, oily rags, glycol, paint, etc.), 1 crate with 21 pails of waste oil, and 2 crates of waste batteries.

Nonhazardous domestic solid waste was flown out to the Logistics Support Site - Iqaluit and disposed of at Iqaluit’s landfill. Nasittuq had documented authorization from the community for receiving the waste.

The two sumps, one for each sewage outfall, were not pumped out therefore no samples were taken for laboratory analysis.

Two outdoor spills occurred. The spills were:

- a. NT-NU Spill Line Report # 13-288. A weeping heat recovery pump seal resulted in 31 liters of 50% ethylene glycol solution leaking onto the floor of building “A” on 13 August 2013. 1 liter of this leaked onto the ground below the building. Staff on-site cleaned up the spill with sorbent material. Contaminated soil was placed in a container. This waste will be sent to a hazardous waste disposal facility outside of Nunavut.
- b. NT-NU Spill Line Report # 13-305. Loader forks pierced a drum of waste fuel-water mixture on 30 August 2013. 100 liters spilled onto the apron near the hangar. Staff used sorbent material to clean up the spill. Contaminated soil was placed in a container. This waste will be sent to 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-DYE0919– Type “B”, Part B. General Conditions, paragraph 1.

DYE-M is an unattended (unmanned) North Warning System radar site at Cape Dyer, Nunavut. The site is visited quarterly for preventive maintenance inspections and as required for other work by Nasittuq staff based out of the Logistics Support Site - Iqaluit (LSS-Q), Iqaluit, Nunavut.

Water Drawn from DYE-1(b)

A total of 121.5 cubic meters was drawn from the melt-water water source DYE-1(b). This is below the 1,440 cubic meters annually allowed by the licence. No water was taken from the water lake DYE-1(a). See Table 1 below for the volume of raw water drawn.

Table 1. Monthly and annual raw water drawn at DYE-M.

Month	Raw water drawn in cubic meters (m³)
January	0
February	0
March	0
April	0
May	0
June	8.1
July	10.3
August	30.4
September	72.7
October	0
November	0
December	0
TOTAL	121.5

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 went to Safety Kleen, 2730 boulevard Industriel, Chambly, QC, J3L 4V2. The waste receiver number for Safety Kleen is 1144094969.

See Table 2 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 wastes.

Table 2. Summary of waste sent for disposal from DYE-M.

Site	Description, TDG shipping name	Quantity	Movement Document or Nasittuq Manifest #
DYE-M	Waste paint	1 drum	Mov. Doc. 2464784-4
DYE-M	Waste batteries, wet, non-spillable	2 crates	Mov. Doc. 2464784-4
DYE-M	Waste fuel, aviation, turbine engine	6 drums	Mov. Doc. 2464784-4 and 2464785-1
DYE-M	Waste oily rags Waste solids containing flammable liquid, n.o.s. (fuel, aviation, turbine engine)	1 drum	Mov. Doc. 2464785-1
DYE-M	Waste fuel soaked absorbent Waste solids containing flammable liquids n.o.s. (fuel, aviation, turbing engine)	1 drum	Mov. Doc. 2464785-1
DYE-M	Waste fuel filters Waste solids containing flammable liquid, n.o.s. (fuel, aviation, turbine engine)	2 drums	Mov. Doc. 2464785-1
DYE-M	Waste glycol	4 drums	Nas. Man. 28855
DYE-M	Waste oil	8 drums and 21 pails	Nas. Man. 28856, 28858, 28903

Nonhazardous Solid Waste Disposal

Nonhazardous domestic solid waste was flown out to the Logistics Support Site - Iqaluit and disposed of at Iqaluit's landfill. Nasittuq has documented authorization from the community for receiving the waste. See Table 3 below for the quantity of waste generated.

Table 3. Monthly and annual nonhazardous domestic solid waste sent for disposal from DYE-M.

Month	Waste generated (kg)
January	0
February	0
March	340
April	426
May	337
June	370
July	446
August	455
September	258
October	0
November	210
December	163
TOTAL	3,005

Monitoring Program

See **Annex B** for the location of the sewage effluent outfall, DYE-2, with GPS co-ordinates. Two sumps, one for each sewage outfall, were built in 2010.

Annex C is blank. The two sumps, one for each sewage outfall, were not pumped out therefore no samples were taken for laboratory analysis.

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

See **Annex E** for the 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)

Two outdoor spills occurred. They are listed in Table 4 below.

Table 4. Outdoor spills at DYE-M.

Date, Spill #	Product	Quantity	Cause and follow-up action	Location at DYE-M
13 Aug 2013, Spill # 13-288	Glycol	1 liter outside	A weeping heat recovery pump seal resulted in 31 liters of 50% ethylene glycol solution leaking onto the floor. 1 liter of this leaked onto the ground below the building. Staff on-site cleaned up the indoor spill with sorbent material. Contaminated soil was placed in a container. This waste will be sent to a hazardous waste disposal facility outside of Nunavut.	A train
30 Aug 2013, Spill # 13-305	Fuel-water mixture	100 liters	Loader forks pierced a drum of waste fuel-water mixture. Staff used sorbent material to clean up the spill. Contaminated soil was placed in a container. This waste will be sent to a hazardous waste disposal facility outside of Nunavut.	Apron near the hangar

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.

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.

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

2464784-4

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 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 Vehicle / Véhicule Trailer - Remorq. No. 1 1 ^{re} remorque - camion Trailer - Remorq. No. 2 2 ^e remorque - camion Registration No. / N° d'immatriculation Port of entry / Point d'entrée International use only Port of exit / Point de sortie International use only				C Receiver / consignee Réceptionnaire / destinataire 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 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 Receiving site address / Adresse du lieu de l'expédition City / Ville Province Postal code / Code postal				Carrier Certification / J'affirme que j'ai reçu les déchets ou matières recyclables du producteur / expéditeur en vue de leur livraison au récepteur / destinataire. J'affirme avoir reçu les déchets ou matières recyclables du producteur / expéditeur en vue de leur livraison au récepteur / 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) Signature Year / Année Month / Mois Day / Jour				Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure AM / PM If waste or recyclable material to be transferred, specify intended company name / Si les déchets ou matières recyclables doivent être transférés, préciser le nom du destinataire Registration No. / Provincial ID No. N° d'immatriculation / d'id. provincial			
Shipping name / Appellation réglementaire Class / Classe Sub. class(es) / Sub. Classe(s) UN No. / N° NU Packing / Risk gr. / Gr. d'emballage / de risque Quantity shipped / Quantité expédiée Units / L or / ou Kg Packaging / Containers / Codes / Int. ext. Phys. state / État phys.				Quantity received / Quantité reçue Units / L or / ou Kg Comments / Commentaires Handling / Code de manipulation Shipment / Étiquetage Accepted / Refusé Decant. / Vah.							
Notice No. / N° de notification Notice Line No. / N° de ligne de la notification Shipment / Envoi Off / De D or R code / Code E ou R C code / Code C Basel Annex VIII or OECD Code / Annexe VIII de l'Étude 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				If handling code "Other" (specify) Si code de manipulation « autre » (spécifier) Receiver / consignee certification / J'affirme que l'information contenue dans la partie C est correcte et complète. Attestation du récepteur / destinataire / J'affirme 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 Year / Année Month / Mois Day / Jour							
Generator / consigneur certification / J'affirme que l'information contenue dans la partie A est correcte et complète. Attestation du producteur / expéditeur / J'affirme 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 Year / Année Month / Mois Day / Jour				Special handling / Manipulation spéciale Attached / Ci-joint As follows / Ci-contient Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure AM / PM 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

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.

2464784-4

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 NCAS		C Receiver / consignee Réceptionnaire / destinataire Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial	
Company name / Nom de l'entreprise DND 56 NASITTUQ CORP		Company name / Nom de l'entreprise NCAS		Receiver / consignee information same as in Part A Les renseignements du réceptionnaire / destinataire sont 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	
Mailing address / Adresse postale City / Ville Province Postal code / Code postal 12 WING-BLVD HORNELL HEIGHTS ONT POH 1P0		Mailing address / Adresse postale City / Ville Province Postal code / Code postal 574-592-0186		City / Ville Province Postal code / Code postal	
E-mail / Courriel électronique 705-494-2011 EXT. 2944		E-mail / Courriel électronique 574-592-0186		E-mail / Courriel électronique	
Shipping site address / Adresse du lieu de l'expédition City / Ville Province Postal code / Code postal NWS LRR DYE-MAIN CAPE DYER NU X0A 0H0		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.		Part of entry Point d'entrée Informational use only Port of exit Point de sortie Informational use only	
Intended Receiver / consignee Réceptionnaire / destinataire prévu Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial SAFETY CLEAN 1144094969		Carrier Certification: I certify that I have received waste or recyclable material from the generator/producer 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, tel qu'il figure dans la partie A et que les renseignements fournis à la partie B sont complets et exacts.		Name of authorized person (print): Nom de l'agent autorisé (en lettres d'imprimerie): CURTIS FOREMAN Year / Année: 130908 Month / Mois: 08 Day / Jour: 08 Signature: [Signature]	
Mailing address / Adresse postale City / Ville Province Postal code / Code postal 6785 Rte 132 Ville Ste Catherine QC J5C 1B6		Name of authorized person (print): Nom de l'agent autorisé (en lettres d'imprimerie): CURTIS FOREMAN Year / Année: 130908 Month / Mois: 08 Day / Jour: 08 Signature: [Signature]		Date received / Date de réception Year / Année: Month / Mois: Day / Jour: Time / Heure: A.M. P.M.	
Shipping site address / Adresse du lieu de l'expédition City / Ville Province Postal code / Code postal 2730 Boulevard Industriel CHAMBLY, QC J3L 4V2		Name of authorized person (print): Nom de l'agent autorisé (en lettres d'imprimerie): CURTIS FOREMAN Year / Année: 130908 Month / Mois: 08 Day / Jour: 08 Signature: [Signature]		If waste or recyclable material to be transferred, specify intended company name / Si les déchets ou matériaux recyclables doivent être transférés, préciser le nom de l'entreprise	
Prize code Code prix		Shipping name Appellation réglementaire		Class / Classe Sub-class / Sous-classe	
UN 1263		WASTE PAINT		III	
UN 2800		WASTE BATTERIES, WET NON-SPILLABLE		III	
UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
UN 1263		WASTE PAINT		III	
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UN 1263		WASTE PAINT		III	
UN 2800		WASTE BATTERIES, WET NON-SPILLABLE		III	
UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
UN 1263		WASTE PAINT		III	
UN 2800		WASTE BATTERIES, WET NON-SPILLABLE		III	
UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
UN 1263		WASTE PAINT		III	
UN 2800		WASTE BATTERIES, WET NON-SPILLABLE		III	
UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
UN 1263		WASTE PAINT		III	
UN 2800		WASTE BATTERIES, WET NON-SPILLABLE		III	
UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
UN 1263		WASTE PAINT		III	
UN 2800		WASTE BATTERIES, WET NON-SPILLABLE		III	
UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
UN 1263		WASTE PAINT		III	
UN 2800		WASTE BATTERIES, WET NON-SPILLABLE		III	
UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
UN 1263		WASTE PAINT		III	
UN 2800		WASTE BATTERIES, WET NON-SPILLABLE		III	
UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
UN 1263		WASTE PAINT		III	
UN 2800		WASTE BATTERIES, WET NON-SPILLABLE		III	
UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
UN 1263		WASTE PAINT		III	
UN 2800		WASTE BATTERIES, WET NON-SPILLABLE		III	
UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
UN 1263		WASTE PAINT		III	
UN 2800		WASTE BATTERIES, WET NON-SPILLABLE		III	
UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
UN 1263		WASTE PAINT		III	
UN 2800		WASTE BATTERIES, WET NON-SPILLABLE		III	
UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
UN 1263		WASTE PAINT		III	
UN 2800		WASTE BATTERIES, WET NON-SPILLABLE		III	
UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
UN 1263		WASTE PAINT		III	
UN 2800		WASTE BATTERIES, WET NON-SPILLABLE		III	
UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
UN 1263		WASTE PAINT		III	
UN 2800		WASTE BATTERIES, WET NON-SPILLABLE		III	
UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
UN 1263		WASTE PAINT		III	
UN 2800		WASTE BATTERIES, WET NON-SPILLABLE		III	
UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
UN 1263		WASTE PAINT		III	
UN 2800		WASTE BATTERIES, WET NON-SPILLABLE		III	
UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
UN 1263		WASTE PAINT		III	
UN 2800		WASTE BATTERIES, WET NON-SPILLABLE		III	
UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
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UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
UN 1263		WASTE PAINT		III	
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UN 1263		WASTE PAINT		III	
UN 2800		WASTE BATTERIES, WET NON-SPILLABLE		III	
UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
UN 1263		WASTE PAINT		III	
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UN 1263		WASTE PAINT		III	
UN 2800		WASTE BATTERIES, WET NON-SPILLABLE		III	
UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
UN 1263		WASTE PAINT		III	
UN 2800		WASTE BATTERIES, WET NON-SPILLABLE		III	
UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
UN 1263		WASTE PAINT		III	
UN 2800		WASTE BATTERIES, WET NON-SPILLABLE		III	
UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
UN 1263		WASTE PAINT		III	
UN 2800		WASTE BATTERIES, WET NON-SPILLABLE		III	
UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
UN 1263		WASTE PAINT		III	
UN 2800		WASTE BATTERIES, WET NON-SPILLABLE		III	
UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
UN 1263		WASTE PAINT		III	
UN 2800		WASTE BATTERIES, WET NON-SPILLABLE		III	
UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
UN 1263		WASTE PAINT		III	
UN 2800		WASTE BATTERIES, WET NON-SPILLABLE		III	
UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
UN 1263		WASTE PAINT		III	
UN 2800		WASTE BATTERIES, WET NON-SPILLABLE		III	
UN 1863		WASTE FUEL AVIATION, TURBINE ENGINE		III	
UN 12					

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.

2464785-1

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 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.		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.		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.	
Shipping site address / Adresse du lieu de l'expédition 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.		Vehicle / Véhicule Trailer - Rail car No. 1 1 ^{er} remorque - wagon Trailer - Rail car No. 2 2 ^e remorque - wagon Registration No. / N° d'immatriculation Prov.		Port of entry / Point d'entrée International use only Port of exit / Point de sortie 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 réception City / Ville Province Postal code / Code postal Prov. code Shipping name Appellation réglementaire Class / Classe Sub. class(es) / Classes(s) sub.		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 / Heure <input type="checkbox"/> A.M. <input type="checkbox"/> P.M. If waste or recyclable material to be transferred, specify intended company name / Si les déchets ou matières recyclables doivent être transférées, préciser le nom du destinataire Registration No. / Provincial ID No. N° d'immatriculation / d'id. provincial	
Quantity shipped Quantité expédiée Units L or / ou Kg Packaging / Contenant 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 Accepté / Refusé Decort. Veh. Plac. Cont.		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.	
Notice No. N° de notification Notice Line No. N° de ligne de la notification Shipment Envoi Or / 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 Exportation Import Importation Customs code(s) Code(s) de douanes		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	
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.		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 / Heure <input type="checkbox"/> A.M. <input type="checkbox"/> P.M. 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

Copy / Copie 6 (brown / brun)

MOVEMENT DOCUMENT / MANIFEST
DOCUMENT DE MOUVEMENT / MANIFESTE

This Movement document manifests concerns 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.

2464785-1

Moviment Doc. mant./ Manifest Referencia No
Nº de referència del document al moviment de l'ítem

A Generator / co-générateur Producteur / expéditeur Registration No. / Prénoms ID No. N° d'immatriculation - c/d. provincial <div style="text-align: center; font-size: 1.2em; font-weight: bold;">NUS100003</div>			B Carrier Transporteur Registration No. / Prénoms ID No. N° d'immatriculation - c/d. provincial <div style="text-align: center; font-size: 1.2em; font-weight: bold;">NCAS</div>			Reference No. of other movement documents / Numéro de la référence des autres documents de mouvement trans-Canada utilisés 		
Company name / Nom de l'entreprise <div style="font-size: 1.2em; font-weight: bold;">DND 410 NASITIQ CORP</div> Mailing address / Adresse postale 22 WINGFIELD RD HORNBY HEIGHTS ONT. E-mail / Courriel électronique 			Company name / Nom de l'entreprise <div style="font-size: 1.2em; font-weight: bold;">NCAS</div> Mailing address / Adresse postale City / Ville Province Postal code / Code postal 			Receiver / consignee Réceptionnaire / destinataire Registration No. / Prénoms ID No. N° d'immatriculation - c/d. provincial 		
Shipping address / Adresse de haute fréquence <div style="font-size: 1.2em; font-weight: bold;">NWS LRR DYE-MAIN</div> City / Ville <div style="font-size: 1.2em; font-weight: bold;">CAPE DYER</div> Province <div style="font-size: 1.2em; font-weight: bold;">NU</div> Postal code / Code postal <div style="font-size: 1.2em; font-weight: bold;">X0A 0H0</div>			Vehicle / Véhicule Trailer - Rail car No. 1 Trailer - Rail car No. 2 2 remorque - wagon 			Receive / recevoir information same as in Part A Les renseignements de réception ne se distribuent pas la même qu'à la Partie A <input type="checkbox"/> Yes / OUI <input type="checkbox"/> No, complete the boxes below / Non, remplir la case ci-dessous 		
Intended Receiver / consignee Réceptionnaire / destinataire prévu <div style="font-size: 1.2em; font-weight: bold;">SAFETY CLEAN</div> Mailing address / Adresse postale 6785 ROUTE 132 V. LE ST. CATHERINE, QC J5C 1B6 E-mail / Courriel électronique 			Registration No. / Prénoms ID No. N° d'immatriculation - c/d. provincial <div style="font-size: 1.2em; font-weight: bold;">1144094469</div>			Date received / Date de réception Year / Année Month / Mois Day / Jour 		
Receiving site address / Adresse du lieu de réception <div style="font-size: 1.2em; font-weight: bold;">2730 Boulevard Industriel</div> City / Ville <div style="font-size: 1.2em; font-weight: bold;">CHAMBLY</div> Province <div style="font-size: 1.2em; font-weight: bold;">QC</div> Postal code / Code postal <div style="font-size: 1.2em; font-weight: bold;">J3L 4V2</div>			Port of entry / Point d'entrée Interland and sea only Port of call / Point de sortie Interland and sea only 			If waste or recyclable material is to be transferred, specially intended company name (S.I. des déchets ou matières recyclables doivent être transférées, préciser le nom du destinataire) 		
Shipping name / Appellation réglementaire <div style="font-size: 1.2em; font-weight: bold;">WASTE FUEL AVIATION TURBINE ENGINE</div>			Class / Classe Sub-class / Sous-classe <div style="font-size: 1.2em; font-weight: bold;">3</div>			UN No. / N° UN <div style="font-size: 1.2em; font-weight: bold;">1863</div>		
Packing / Risk or Gt. description / Description <div style="font-size: 1.2em; font-weight: bold;">WASTE SOLIDS CONTAINING FLAMMABLE LIQUID MOS (FUEL AVIATION TURBINE)</div>			Quantity shipped / Quantité expédiée <div style="font-size: 1.2em; font-weight: bold;">430</div>			Units / Litres ou kg / Unités <div style="font-size: 1.2em; font-weight: bold;">L</div>		
Packing / Risk or Gt. description / Description <div style="font-size: 1.2em; font-weight: bold;">WASTE SOLIDS CONTAINING FLAMMABLE LIQUID MOS (FUEL AVIATION TURBINE)</div>			Quantity shipped / Quantité expédiée <div style="font-size: 1.2em; font-weight: bold;">70</div>			Units / Litres ou kg / Unités <div style="font-size: 1.2em; font-weight: bold;">K6</div>		
Packing / Risk or Gt. description / Description <div style="font-size: 1.2em; font-weight: bold;">WASTE SOLIDS CONTAINING FLAMMABLE LIQUID MOS (FUEL AVIATION TURBINE)</div>			Quantity shipped / Quantité expédiée <div style="font-size: 1.2em; font-weight: bold;">95</div>			Units / Litres ou kg / Unités <div style="font-size: 1.2em; font-weight: bold;">K6</div>		
Notice No. / N° de notification <div style="font-size: 1.2em; font-weight: bold;">FLASH POINT 38°C</div>			Notice Line No. / N° de ligne de la notification 			Shipping / Expéditeur 		
Notice No. / N° de notification <div style="font-size: 1.2em; font-weight: bold;">FLASH POINT 38°C</div>			Notice Line No. / N° de ligne de la notification 			Shipping / Expéditeur 		
Notice No. / N° de notification <div style="font-size: 1.2em; font-weight: bold;">FLASH POINT 38°C</div>			Notice Line No. / N° de ligne de la notification 			Shipping / Expéditeur 		
Notice No. / N° de notification <div style="font-size: 1.2em; font-weight: bold;">FLASH POINT 38°C</div>			Notice Line No. / N° de ligne de la notification 			Shipping / Expéditeur 		
Notice No. / N° de notification <div style="font-size: 1.2em; font-weight: bold;">FLASH POINT 38°C</div>			Notice Line No. / N° de ligne de la notification 			Shipping / Expéditeur 		
Notice No. / N° de notification <div style="font-size: 1.2em; font-weight: bold;">FLASH POINT 38°C</div>			Notice Line No. / N° de ligne de la notification 			Shipping / Expéditeur 		
Notice No. / N° de notification <div style="font-size: 1.2em; font-weight: bold;">FLASH POINT 38°C</div>			Notice Line No. / N° de ligne de la notification 			Shipping / Expéditeur 		
Notice No. / N° de notification <div style="font-size: 1.2em; font-weight: bold;">FLASH POINT 38°C</div>			Notice Line No. / N° de ligne de la notification 			Shipping / Expéditeur 		
Notice No. / N° de notification <div style="font-size: 1.2em; font-weight: bold;">FLASH POINT 38°C</div>			Notice Line No. / N° de ligne de la notification 			Shipping / Expéditeur 		
Notice No. / N° de notification <div style="font-size: 1.2em; font-weight: bold;">FLASH POINT 38°C</div>			Notice Line No. / N° de ligne de la notification 			Shipping / Expéditeur 		
Notice No. / N° de notification <div style="font-size: 1.2em; font-weight: bold;">FLASH POINT 38°C</div>			Notice Line No. / N° de ligne de la notification 			Shipping / Expéditeur 		
Notice No. / N° de notification <div style="font-size: 1.2em; font-weight: bold;">FLASH POINT 38°C</div>			Notice Line No. / N° de ligne de la notification 			Shipping / Expéditeur 		
Notice No. / N° de notification <div style="font-size: 1.2em; font-weight: bold;">FLASH POINT 38°C</div>			Notice Line No. / N° de ligne de la notification 			Shipping / Expéditeur 		
Notice No. / N° de notification <div style="font-size: 1.2em; font-weight: bold;">FLASH POINT 38°C</div>			Notice Line No. / N° de ligne de la notification 			Shipping / Expéditeur 		
Notice No. / N° de notification <div style="font-size: 1.2em; font-weight: bold;">FLASH POINT 38°C</div>			Notice Line No. / N° de ligne de la notification 			Shipping / Expéditeur 		
Notice No. / N° de notification <div style="font-size: 1.2em; font-weight: bold;">FLASH POINT 38°C</div>			Notice Line No. / N° de ligne de la notification 			Shipping / Expéditeur 		
Notice No. / N° de notification <div style="font-size: 1.2em; font-weight: bold;">FLASH POINT </div>								

MOE 04-1917 (G7/D7)

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

Copy / Copie 1 (white / blanc)



NASITTUQ MANIFEST					
Suite 400, 160 Elgin Street, Ottawa, ON K2P 2P7					
NON NEGOTIABLE					
Filled By: DDAVISON		Date: 2012-07-16 2:03 PM		TCN-28855	
Ship To: CLEAN HARBORS CANADA INC. 2730 BOULEVARD INDUSTRIEL CHAMBLY, QC, J3L 4V2 CA		From: DYE-M, CAPE DYER, DND Storeroom Nasittuq Corporation, NWS LSS Iqaluit, P.O. Box 1089 Iqaluit, NU, X0A 0H0 867-979-4818		Priority 2	
Attention:		Attention:			
Carrier: NEAS		Routing: 48X48X42		Waybill #: 1	
				Total Pcs.: 1	
				Total Weight: 830 KG	
QTY	Type	Line	Item	Description	WO or PO
Order		Weight			B/Code or S/N
4.0			2002344	WASTE - GLYCOL (DRUM)	
					Remarks
					317475,317993,321522,302958
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: DDAVISON		Date: 2012-07-16 2:10 PM		TCN-28856	
Ship To: CLEAN HARBORS CANADA INC. 2730 BOULEVARD INDUSTRIEL CHAMBLY, QC, J3L 4V2 CA		From: DYE-M, CAPE DYER, DND Storeroom Nasittuq Corporation, NWS LSS Iqaluit, P.O. Box 1089 Iqaluit, NU, X0A 0H0 867-979-4818		Priority 2	
Attention:		Attention:			
Carrier: NEAS		Routing: 48X48X44		Waybill #: 1	
				Total Pcs.: 1	
				Total Weight: 840 KG	
QTY	Type	Line	Item	Description	WO or PO
Order		Weight			B/Code or S/N
4.0			2002406	WASTE - OIL (45 GALLON DRUM)	
					Remarks
					322406,321520,322790,321519
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: DDAVISON		Date: 2012-07-16 2:25 PM		TCN-28858		
Ship To: CLEAN HARBORS CANADA INC. 2730 BOULEVARD INDUSTRIEL CHAMBLY, QC, J3L 4V2 CA		From: DYE-M, CAPE DYER, DND Storeroom Nasittuq Corporation, NWS LSS Iqaluit, P.O. Box 1089 Iqaluit, NU, X0A 0H0 867-979-4818		Priority 2		
Attention:		Attention:				
Carrier: NEAS		Routing: 48X48X44		Waybill #:		Total Pcs. 1
				Total Weight:		840 KG
QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N
4.0			2002406	WASTE - OIL (45 GALLON DRUM)		320999,320997,321518,320998
Remarks						
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: DDAVISON		Date: 2012-07-18 11:39 AM		TCN-28903		
Ship To: CLEAN HARBORS CANADA INC. 2730 BOULEVARD INDUSTRIEL CHAMBLY, QC, J3L 4V2 CA		From: DYE-M, CAPE DYER, DND Storeroom Nasittuq Corporation, NWS LSS Iqaluit, P.O. Box 1089 Iqaluit, NU, X0A 0H0 867-979-4818		Priority 2		
Attention:		Attention:				
Carrier: NEAS		Routing: 48X48X54		Waybill #:		Total Pcs. 1
				Total Weight:		540 KG
QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N
10.0			2003658	WASTE - OIL (5 GALLON PAIL)		320228/322407/ 322409 / 320232 / 322346/ 322348/,320239/,322344/, 322352/,322349
11.0			2003658	WASTE - OIL (5 GALLON PAIL)		322814./ 322347./ 322353./ 322345./ 320230./ 320228./ 320238/ ,322351/ ,322343/, 322350./ 322813
Remarks						
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

DYE-M - Sewage Outfall Location (DYE-2) with GPS Co-ordinates



Annex C

**This Annex has been left blank intentionally.
(The two sumps, one for each sewage outfall, were not pumped out therefore no
samples were taken for laboratory analysis.)**

Annex D

DYE-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-DYE0919 Type "B"	DYE-M North Warning System Site, Cape Dyer, Qikiqtani Region, Nunavut	DYE-3	- Summit (behind PGS building) - Berm of tank W20A	66° 40' 00" N 61° 21' 27" W
			- Summit behind 'B' train - Berm of tanks W22K, W22J, W22I, and W20B	66° 39' 54" N 61° 21' 25" W



Annex E

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



20 July 2013
Summit (behind PGS building), Berm of Tank W20A
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: 1315813
Date Submitted: 2013-07-25
Date Reported: 2013-07-30
Project: Dye-Main Berm Sample
COC #: 171605

Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.					1045531 Water 2013-07-20 DM-W20A
Group	Analyte	MRL	Units	Guideline	
General Chemistry	pH	1.00			6.53
Mercury	Hg	0.0001	mg/L		<0.0001
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
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	%		97

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



20 July 2013
Summit (behind PGS building), Berm of Tank W20A
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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: 1315815
Date Submitted: 2013-07-25
Date Reported: 2013-07-29
Project: Dye-Main Berm Sample
COC #: 171605

					Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.
					1045533 Water
					2013-07-20 DM-W20A
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.

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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20 July 2013

Summit (behind 'B' train), Berm of Tanks W22K, W22J, W22I, and W20B

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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: 1315812
Date Submitted: 2013-07-25
Date Reported: 2013-07-30
Project: Dye Main Berm Sample
COC #: 171595

					Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.
					1045530 Water 2013-07-20 DM Berm W22JK + W20B
Group	Analyte	MRL	Units	Guideline	
General Chemistry	pH	1.00			6.33
Mercury	Hg	0.0001	mg/L		<0.0001
Metals	Aqua-Regia Digest		mg/L		y
	As	0.02	mg/L		<0.02
	Zn	0.04	mg/L		0.09
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
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	%		97

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

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20 July 2013

Summit (behind 'B' train), Berm of Tanks W22K, W22J, W22I, and W20B

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: 1315814
Date Submitted: 2013-07-25
Date Reported: 2013-07-29
Project: Dye Main Berm Sample
COC #: 171595

Group		Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.
Metals		Cd	0.0001	mg/L		1045532 Water
		Co	0.0002	mg/L		2013-07-20 DM Berm W22 JK + W20B
		Cr	0.001	mg/L		
		Cu	0.001	mg/L		
		Ni	0.005	mg/L		
		Pb	0.001	mg/L		

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

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