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SOW Ref: 16.F.5.d

2020 ANNUAL NUNAVUT WATER BOARD

REPORT FOR FOX-M

FOR THE North Warning System

Contract # W8485-100224/001/NX
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EXECUTIVE SUMMARY IN ENGLISH FOLLOWS

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EXECUTIVE SUMMARY

This 2020 Annual Report for the Nunavut Water Board (NWB) has been prepared by Raytheon Canada (RC) for the Department of National Defence in order to meet the requirements of Part B "General Conditions", paragraph 1 of its licence 8BC-FOH1929 issued 01 September 2019. This report covers 01 January to 31 December 2020.

RC is the Operation and Maintenance Contractor for the North Warning System (NWS), including FOX-M, the attended (manned) NWS radar site located at Sanirajak (Hall Beach), Nunavut.

The water usage at FOX-M in 2020 was 721.7 cubic metres, which is an average of 2.0 cubic metres per day. There is no water usage limit in the licence for FOX-M because water is drawn from an artificial (man-made) reservoir and not from a natural source.

Sewage at FOX-M was processed by the tertiary wastewater treatment system. Some of the treated effluent is recycled as on site urinal/toilet flush water. The treated effluent is of potable water quality. The treated sewage was sampled monthly. The sample collected in May was delayed in transit and did not reach the laboratory until July. The May sample was, therefore, not analyzed.

Samples of the water contained in the berms of fuel storage facilities was tested on-site using hydrocarbon test strips and confirmed to be within effluent quality limits of the NWB licence before the water was discharged.

Hazardous waste, including waste oil, was sent to an approved hazardous waste disposal site outside of Nunavut as required by the licence. The hazardous waste was shipped to Qikiqtaaluk Environmental, through their subcontractor Veolia, 2630, boul. Industriel, Chambly, QC J3L 4V2. The hazardous waste consisted of 98 drums of assorted waste (oil, fuel, glycol, etc.), three crates of waste batteries, two crates of PCB-containing material, one Quatrex bag of waste asbestos-containing material and 192 pails of waste hydraulic fluid.

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

One spill to the environment occurred at FOX-M in 2020:

- 10-Mar-2020, NT-NU Spill #20-075: A radiator released 40 L of glycol. 10 L reached the outdoors and 30 L was contained in the radiator room. The spill was stopped right away and absorbent pads were put down to contain the spill. The contaminated snow was cleaned up.

The Spill Contingency Plan was successfully implemented.

No progressive reclamation work was undertaken in 2020.

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1.0 INTRODUCTION

This 2020 Annual Report for the Nunavut Water Board (NWB) has been prepared by Raytheon Canada (RC) for the Department of National Defence (DND) in order to meet the requirements of Part B "General Conditions", paragraph 1 of its licence 8BC-FOH1929 issued 01 September 2019. This report covers 01 January to 31 December 2020.

RC is the Operation and Maintenance Contractor for the North Warning System (NWS), including FOX-M. FOX-M is an attended (manned) North Warning System radar site located at Sanirajak (Hall Beach), Nunavut.

1.1 Report Details

Licensee: Department of National Defence, Government of Canada
Licence: 8BC-FOH1929 – Type "B"
Location: FOX-M North Warning System Site, Sanirajak (Hall Beach), Qikiqtani Region, Nunavut
Report Prepared by: Alaina Leslie and reviewed by Don Beattie
Raytheon Canada, 17-Mar-2021
Time period covered: 01 January to 31 December 2020

2.0 WATER USE

The water usage at FOX-M in 2020 was 721.7 cubic metres, which is an average of 2.0 cubic metres per day. See Table 2-1 for the volume of water drawn at FOX-M each month in 2020.

There is no water usage limit in the licence for FOX-M because water is drawn from an artificial (man-made) reservoir and not from a natural source.

Table 2-1: Monthly Raw Water Usage at FOX-M in 2020

Month	Raw water usage (m ³)
January	48.2
February	51
March	50
April	48.5
May	60.5
June	56.5
July	54
August	65
September	98
October	66.5
November	57
December	66.5
TOTAL	721.7

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3.0 TREATED SEWAGE DISCHARGE

At FOX-M, the sewage and grey water were both processed through a Cycle-let® advanced tertiary wastewater treatment system. Some of the treated water is recycled as urinal/toilet flush water; the remainder is discharged at the designated outfall and is potable water quality. See Table 3-1 for the volume of sewage and grey water treated by the Cycle-let® system. See **Section 6.0 – Monitoring Program** for details on sewage effluent monitoring.

The location and coordinates of treated sewage effluent outfall location (FOH-2) is contained in **Annex B**. Sewage sample analytical results and certificates of analysis are contained in **Annex C**.

Table 3-1: Monthly and Annual Volume of Sewage and Grey Water Treated at FOX-M in 2020

Month	Volume of sewage and greywater treated then discharged or recycled (m ³)
January	48.2
February	51.0
March	50.0
April	48.5
May	60.5
June	56.5
July	54.0
August	65.0
September	98.0
October	66.5
November	57.0
December	66.5
TOTAL	721.7

4.0 HAZARDOUS WASTE AND WASTE OIL DISPOSAL

Hazardous waste, including waste oil, was sent to an approved hazardous waste disposal site outside of Nunavut as required by the licence. The hazardous waste was shipped to Qikiqtaaluk Environmental, through their subcontractor Veolia, 2630, boul. Industriel, Chamby, QC J3L 4V2. The hazardous waste consisted of 98 drums of assorted waste (oil, fuel, glycol, etc.), three crates of waste batteries, two crates of PCB-containing material, one Quatrex bag of waste asbestos-containing material and 192 pails of waste hydraulic fluid.

See Table 4-1, below, for the list of items sent for disposal. See **Annex A** for the shipping documents including the completed movement documents for waste regulated under the Transportation of Dangerous Goods Regulations (TDGR) and NWS Manifests for non-regulated waste.

Table 4-1: Hazardous Waste and Waste Oil Sent for Disposal from FOX-M in 2020

Description, TDG shipping name	Quantity	Movement Document or Manifest #
Waste hydraulic fluid	192 5 Gal Pails	NWS Manifest 42038
Not Regulated		

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Description, TDG shipping name	Quantity	Movement Document or Manifest #
Waste Activated Carbon Filter Not Regulated	4 Drums	NWS Manifest 42050
Waste Asbestos-containing Material Not TDG Regulated	16 Drums	NWS Manifest 42089, 42090, 42091, 42093
Waste Asbestos-containing Material Not TDG Regulated	1 Quatrex Bag	NWS Manifest 42204
Waste batteries, wet, filled with acid	2 Crate	Movement Document 2581531-7
Waste batteries, wet, non-spillable	1 Crate	Movement Document 2581531-7
Waste Jet A1 fuel and water mixture Waste fuel, aviation, turbine engine mixture	2 Drums	Movement Document 2581530-9
Waste fuel, aviation, turbine engine	5 Drums	Movement Document 2581530-9
Waste Jet A1 fuel fuel filters Waste solids containing flammable liquids, n.o.s (fuel, aviation, turbine engine)	2 Drums	Movement Document 2581532-5
Waste fuel contaminated soil Waste solids containing flammable liquids, n.o.s (fuel, aviation, turbine engine)	1 Drum	Movement Document 2581532-5
Waste Hydrochloric acid	2 Drums	Movement Document 2581531-7
Waste oil filters Not TDG regulated	4 Drums	NWS Manifest 42070
Waste oil Not TDG regulated	35 Drums	NWS Manifest 42047, 42048, 42051, 42053, 42057, 42058, 42059, 42060, 42063, 42064
Waste oily rags Waste solids containing flammable liquids, n.o.s (fuel, aviation, turbine engine)	6 Drums	Movement Document 2581532-5
Waste paint, flammable Waste paint	3 Drums	Movement Document 2581530-9
Waste POL soaked absorbent Waste solids containing flammable liquids, n.o.s (fuel, aviation, turbine engine)	2 Drums	Movement Document 2581532-5
Waste PCBs Waste, polychlorinated biphenyls	2 Crates	Movement Document 2581533-3
Waste sulfuric acid	3 drums	Movement Document 2581531-7

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Description, TDG shipping name	Quantity	Movement Document or Manifest #
Waste tank bottom water/ tank cleaning effluent	11 Drums	Movement Document 2581530-9
Waste fuel, aviation, turbine engine mixture		
Waste glycol	2 Drums	NWS Manifest 42062
Not TDG regulated		

5.0 NON-HAZARDOUS SOLID WASTE DISPOSAL

Non-hazardous domestic solid waste was disposed of at the local landfill through a contract with the Municipality of Sanirajak (Hall Beach). RC has documented authorization from the community for receiving the waste. See Table 5-1, below, for the quantity of non-hazardous waste generated.

Table 5-1: Non-hazardous Domestic Solid Waste Sent for Disposal from FOX-M in 2020

Month	Waste Generated (kg)
January	1277
February	587
March	923
April	1159
May	1195
June	1168
July	1057
August	3833
September	2184
October	1156
November	826
December	737
TOTAL	16,102

6.0 MONITORING PROGRAM

In 2020, a monitoring program was implemented at FOX-M as required by the water licence. The monitoring program included the following:

1. Volume of raw water drawn from the reservoir (FOH-1). The raw water monitoring information is shown in **Section 2.0 Water Use**.
2. Quality of sewage discharged from the final discharge point of the sewage treatment facility (FOH-2). The location of the sewage effluent outfall is shown in **Annex B**, including coordinates. The treated sewage was sampled monthly. The sample collected in May was delayed in transit and did not reach the laboratory until July. The May sample was, therefore, not analyzed. The results of the analyses are shown in **Annex C**.
3. Quality of the water contained in the berms of fuel storage facilities prior to discharge (FOH-3) was analyzed using hydrocarbon test strips and confirmed within the effluent quality limits listed in the water licence, Part D. The coordinates and the results of the analysis are shown in **Annex D**. All samples met the effluent requirements of the water licence, Part D.

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- Final Discharge Point from the Landfarm (FOH-4). No landfarm has been established at FOX-M, so this monitoring station remains inactive.

7.0 SPILLS (UNAUTHORIZED DISCHARGES)

One spill to the environment occurred at FOX-M in 2020 which consisted of 40 L of 50% ethylene glycol solution. Table 7-1, below, describes the spill (unauthorized discharge) details.

The Spill Contingency Plan was successfully implemented.

Table 7-1: Unauthorized Discharges at FOX-M in 2020

Date, NT-NU Spill #	Product	Quantity	Cause and follow-up action	On-site location
10-Mar-2020, Spill # 20-075	50% Ethylene glycol solution	40 L (only 10 L reached the environment)	On 10-Mar-2020, the radiator on a generator on-site failed, resulting in a spill of 40 L of glycol. 10 L reached the outdoors and 30 L was contained in the radiator room. The technicians shut down the generator right away, stopping the spill. Absorbent Pads were put down to contain the spill. The contaminated snow has been cleaned up. The cause of the spill was determined to be a dirty Automatic Vent Valve. The valve was subsequently cleaned.	Inside and Outside of Radiator Room (68°45'41.38"N, 81°13'28.11"W)

8.0 REVISIONS TO THE SPILL CONTINGENCY PLAN

The Spill Contingency Plan was updated on 6-Jan-2021. An updated copy of the Spill Contingency Plan has been submitted to the NWB with this annual report.

9.0 PROGRESSIVE RECLAMATION WORK UNDERTAKEN

No progressive reclamation work was undertaken in 2020.

10.0 ACRONYMS

Table 10-1: Acronyms

Acronym	Definition
n.o.s	Not Otherwise Specified
NWB	Nunavut Water Board
NWS	North Warning System
PCB	Polychlorinated Biphenyl
RC	Raytheon Canada
TDGR	Transportation of Dangerous Goods Regulations

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ANNEX A. HAZARDOUS WASTE AND WASTE OIL DISPOSAL IN 2020

The 2020 Movement Document for TDG Regulated waste and NWS Manifests for non-TDG Regulated waste (as previously described in Table 4-1) are included in the following pages.

The following documents are enclosed:

1. Movement Document 2581530-9
2. Movement Document 2581531-7
3. Movement Document 2581532-5
4. Movement Document 2581533-3
5. NWS Manifest 42038
6. NWS Manifest 42047
7. NWS Manifest 42048
8. NWS Manifest 42050
9. NWS Manifest 42051
10. NWS Manifest 42053
11. NWS Manifest 42057
12. NWS Manifest 42058
13. NWS Manifest 42059
14. NWS Manifest 42060
15. NWS Manifest 42062
16. NWS Manifest 42063
17. NWS Manifest 42064
18. NWS Manifest 42070
19. NWS Manifest 42089
20. NWS Manifest 42090
21. NWS Manifest 42091
22. NWS Manifest 42093
23. NWS Manifest 42129
24. NWS Manifest 42204

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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.

2581530-9

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

A Generator / consignor Producteur / expéditeur		Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial		B Carrier Transporteur		Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial		23		Reference Nos. of other movement document(s)/manifest(s) used / N° de référence des autres documents de mouvement/manifestes utilisés		27							
Company name / Nom de l'entreprise DEPARTMENT OF NATIONAL DEFENCE c/o. RCL		NU6 100003		Company name / Nom de l'entreprise NEAS INC															
Mailing address / Adresse postale		City / Ville		Province		Postal code / Code postal		Mailing address / Adresse postale		City / Ville		Province		Postal code / Code postal					
22 WING BLDG 109 HORNEIL HEIGHTS ON POH IP3								2100 Av Pierre-Dupuy MONTREAL QC H3C 3R5											
E-mail / Courrier électronique		Tel. No. / N° de tél.		705 494-2011 EXT 2861				E-mail / Courrier électronique		Tel. No. / N° de tél.		1877 225 6337							
Shipping site address / Adresse du lieu de l'expédition NWS LSS HALL BEACH PO BOX 46		City / Ville		Province		Postal code / Code postal		Company name / Nom de l'entreprise HALL BEACH NU X0A 0KO		City / Ville		Province		Postal code / Code postal					
Intended Receiver / consignee Réceptionnaire / destinataire prévu		2 Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial		Trailer - Rail car No. 1 1 ^{re} remorque - wagon		Registration No. / N° d'immatriculation		Trailer - Rail car No. 2 2 ^{re} remorque - wagon		Registration No. / N° d'immatriculation		Prov.		24					
Mailing address / Adresse postale QIKIQTAALUK ENVIRONMENTAL		7610 76-348154		401694006															
Receiving site address / Adresse du lieu de destination BROSSARD QC J4Z 3V4 1-866-634-6367		City / Ville		Province		Postal code / Code postal		Name of authorized person (print): Nom de l'agent autorisé (caractères d'imprimerie): QUENTIN BRENNER		Tel. No. / N° de tél.				25					
Receiving site address / Adresse du lieu de destination VEOLIA 2630 BOUL INDUSTRIAL		City / Ville		Province		Postal code / Code postal		Year / Année 2008		Month / Mois 08		Day / Jour 21		Signature: <i>Qb</i>					
Prov. code Code prov.		Shipping name Appellation réglementaire		4 Class / Classe ⁵ Sub. class(es) Classe(s) sub.		5 UN No. N° UN		6 Packing / risk gr. Gr. d'emballage/ de risque		7 Quantify shipped Quantité expédiée		8 Units Lor / ou Kg Unités		9 Packaging/Contenant No. / N° Codes Int-ext.		10 Phys. state Etat phys.			
(i)	*	WASTE FUEL, AVIATION TURBINE MIXTURE		3 UN 100 1863		4 UN 1863		III		2600 L		13 01		L					
(ii)	**	WASTE FUEL, AVIATION TURBINE, ENGINE		3 UN 1863		4 UN 1863		III		1000 L		5 01		L					
(iii)	***	WASTE, PAINT RELATED MATERIAL		3 UN 1263		4 UN 1263		III		273 KG		3 01		S					
(iv)																			
11		12		13		14		15		16		17		18		19			
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		National code in country of / Code du pays	
(i)																			
(ii)	*	FLASH POINT 38 °C																	
(iii)	**	FLASH POINT 36 °C																	
(iv)	***	FLASH POINT 40 °C																	
International use only																			
<p>Emergency contact #24-Hour CANYTEC 1(613) 996-6666</p> <p>Generator / consignor certification: I certify that the information contained in Part A is correct and complete. I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.</p> <p>Attestation du producteur / expéditeur: J'atteste que tous les renseignements à la partie A sont exacts et complets. Je déclare que le contenu de ce chargement est décrit ci-dessus de façon complète et exacte par la désignation officielle de transport et qu'il est convenablement classé, emballé, marqué, étiqueté, munis de plaques-étiquettes et à tous égards bien conditionné pour être transporté conformément aux réglementations internationales et nationales applicables.</p> <p>Signature: <i>Ron Dubois Rec 10/14</i></p>																			
<p>Name of authorized person (print): Nom de l'agent autorisé (caractères d'imprimerie): CRAIG MURPHY</p> <p>Signature: <i>Ron Dubois Rec 10/14</i></p> <p>Instructions on reverse Instructions au verso</p>																			
<p>21 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 22 Attached / Joint: <input type="checkbox"/> As follows / Ci-contre: <input type="checkbox"/></p> <p>23 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 24 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>25 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 26 Registration No./Provincial ID No. N° d'immatriculation/d'id provincial</p> <p>27 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 28 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>29 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 30 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>31 Quantity received Quantité reçue 32 Comments Commentaires 33 Handling Code / Code de manutention 34 Shipment / Envoi Accepted Accepted Refused Refused 35 Decont. Pack. Veh. Cont. Véh.</p> <p>36 If handling code "Other" (specify) Si code de manutention « autre » (spécifier)</p> <p>37 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)</p> <p>38 Signature Tel. No. / N° de tél. ()</p> <p>39 Special handling / Manutention spéciale Attached / Joint: <input type="checkbox"/> As follows / Ci-contre: <input type="checkbox"/></p> <p>40 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 41 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>42 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 43 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>44 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 45 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>46 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 47 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>48 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 49 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>50 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 51 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>52 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 53 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>54 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 55 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>56 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 57 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>58 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 59 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>60 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 61 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>62 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 63 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>64 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 65 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>66 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 67 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>68 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 69 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>70 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 71 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>72 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 73 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>74 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 75 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>76 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 77 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>78 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 79 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>80 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 81 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>82 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 83 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>84 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 85 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>86 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 87 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>88 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 89 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>90 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 91 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>92 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 93 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>94 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 95 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>96 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 97 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>98 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 99 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>100 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 101 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>102 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 103 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>104 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 105 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>106 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 107 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>108 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 109 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>110 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 111 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>112 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 113 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>114 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 115 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>116 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 117 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>118 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 119 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>120 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 121 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>122 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 123 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>124 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 125 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>126 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 127 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>128 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 129 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>130 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 131 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>132 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 133 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>134 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 135 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>136 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 137 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>138 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 139 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>140 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 141 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>142 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 143 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>144 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 145 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>146 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 147 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>148 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 149 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>150 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 151 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>152 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 153 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>154 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 155 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>156 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 157 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>158 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 159 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>160 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 161 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>162 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 163 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>164 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 165 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>166 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 167 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>168 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 169 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>170 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 171 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>172 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 173 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>174 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 175 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>176 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 177 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>178 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 179 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>180 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 181 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>182 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 183 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>184 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 185 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>186 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 187 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>188 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 189 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>190 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 191 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>192 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 193 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>194 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 195 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>196 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 197 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>198 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 199 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>200 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 201 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>202 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 203 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>204 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 205 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>206 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 207 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>208 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 209 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>210 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 211 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>212 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 213 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>214 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 215 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>216 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 217 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>218 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 219 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>220 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 221 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>222 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 223 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>224 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 225 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>226 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 227 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>228 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 229 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>230 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 231 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>232 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 233 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>234 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 235 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>236 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 237 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>238 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 239 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>240 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 241 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>242 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 243 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>244 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 245 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>246 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 247 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>248 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 249 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>250 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 251 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>252 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 253 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>254 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 255 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>256 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 257 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>258 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 259 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>260 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 261 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>262 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 263 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>264 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 265 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>266 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 267 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>268 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 269 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>270 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 271 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>272 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 273 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>274 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 275 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>276 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 277 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>278 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 279 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>280 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 281 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>282 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 283 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>284 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 285 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>286 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 287 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>288 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 289 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>290 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 291 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>292 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 293 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>294 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 295 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>296 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 297 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>298 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 299 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>300 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 301 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>302 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 303 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>304 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 305 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>306 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 307 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>308 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 309 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>310 Date received / Date de réception Year / Année Month / Mois Day / Jour Time / Heure 311 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>312 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour Time / Heure 313 A.M. <input type="checkbox"/> P.M. <input type="checkbox"/></p> <p>314 Date received / Date de réception Year / Année Month / Mois Day</p>																			

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.

2581531-7

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

A Generator / consignor Producteur / expéditeur		Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial		B Carrier Transporteur		Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial		23 Reference Nos. of other movement document(s)/manifest(s) used / N° de référence des autres documents de mouvement/manifestes utilisés		27										
Company name / Nom de l'entreprise NUG 100063		Company name / Nom de l'entreprise NCAS INC		Company name / Nom de l'entreprise 2100 AV PIERRE-DU-PUY, MONTREAL, QC, H3C3R5		Company name / Nom de l'entreprise 1877 225 6337		C Receiver / consignee Réceptionnaire / destinataire		Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial										
Mailing address / Adresse postale 22 WING BLDG 109 HORNEUIL HEIGHTS ON P0H 1P3		City / Ville Province Postal code / Code postal		Mailing address / Adresse postale 2100 AV PIERRE-DU-PUY, MONTREAL, QC, H3C3R5		City / Ville Province Postal code / Code postal		Receiver / consignee information same as in Part A Les renseignements du réceptionnaire / destinataire sont les mêmes qu'à la Partie A <input type="checkbox"/> Yes / Oui <input type="checkbox"/> No, complete the box below / Non, remplir la case ci-dessous		28										
E-mail / Courrier électronique 705 494-2011 EXT 2061		Tel. No. / N° de tél.		E-mail / Courrier électronique 1877 225 6337		Tel. No. / N° de tél.		Company name / Nom de l'entreprise		29										
Shipping site address / Adresse du lieu de l'expédition NCAS 455 HALL BEACH PO Box 46		City / Ville Province Postal code / Code postal		Vehicle / Véhicule Trailer - Rail car No. 1 1 ^{er} remorque - wagon		Registration No. / N° d'immatriculation		Company name / Nom de l'entreprise		30										
City / Ville HALL BEACH NU X0A 0K0		Province Postal code / Code postal		Trailer - Rail car No. 2 2 nd remorque - wagon		Prov. 24		Mailing address / Adresse postale		31										
Intended Receiver / consignee Réceptionnaire / destinataire prévu		2 Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial QIKIQTAA LUK ENVIRONMENTAL 901 894 006		Port of entry Point d'entrée		Port of exit Point de sortie		City / Ville Province Postal code / Code postal		32										
Mailing address / Adresse postale 9935 DECHATEAUEUF ENTRANCE 1 SUITE 200		City / Ville Province Postal code / Code postal		International use only		International use only		E-mail / Courrier électronique QUENTIN BRENNER 438334 4166		33										
E-mail / Courrier électronique BROSSARD QC J4Z 3V4 1-866-634-6367		Tel. No. / N° de tél.		Name of authorized person (print): Nom de l'agent autorisé (caractères d'imprimerie): QUENTIN BRENNER		Tel. No. / N° de tél. 438334 4166		Receiving site address / Adresse du lieu de destination		34										
Receiving site address / Adresse du lieu de destination VEOLIA 2630 Boul / INDUSTRIAL		City / Ville Province Postal code / Code postal		Year / Année 2008		Month / Mois 08		Day / Jour 21		Date received / Date de réception Year / Année Month / Mois Day / Jour		35								
City / Ville CHAMBLEY QC J3L 4V2		Province Postal code / Code postal		Signature QB		Signature		Time / Heure		36										
Prov. code: Code prov.	3	Shipping name Appellation réglementaire	4	Class / Classe Sub. class(es) Classe(s) sub.	5	UN No. N°NU	6	Packing / risk gr. Gr. d'emballage/ de risque	7	Quantify shipped Quantité expédiée	8	Units Ltr / ou Kg Unités	9	Packaging/Contenant No. / N° Codes Int.- ext.	10	Phys. state Etat phys.	37			
(i)		WASTE HYDROCHLORIC ACID	8	UN 1789	III	160	L	2	01	L										
(ii)		WASTE, SULFURIC, ACID	8	UN 1830	II	130	L	3	01	L										
(iii)		* WASTE, BATTERIES, WET (NON-SPIKABLE)	8	UN 2800		205	KG	1	01	S										
(iv)		* WASTE, BATTERIES, WET FILLED WITH ACID	8	UN 2794		1409	KG	2	07	S										
Notice No. N° de notification	11	Notice Line No. N° de ligne de la notification	12	Shipment Envoi	13	Of / De	14	D or R code Code D ou R	15	C code Code C	16	Basel Annex VIII or OECD Code Annexe VIII de Bâle ou Code OECD	17	H code Code H	Y code Code Y	18	National code in country of / Code du pays	19	Customs code(s) Code(s) de douanes	38
(i)																				
(ii)		* 15 BATTERIES IN PALLETIZED DRUM																		
(ii)		** 26 BATTERIES IN TWO WOOD CRATE.																		
(iv)		EMERGENCY CONTACT #24-HOUR CANUTEC																		
Name of authorized person (print) Nom de l'agent autorisé (caractères d'imprimerie) CRAIG NAMY																39				
Signature ROM BUREAU 2a 10/1																40				
Instructions on reverse Instructions au verso																41				
Copy / Copie 1 (white / blanche)																42				
Generator / consignor certification: I certify that the information contained in Part A is correct and complete. I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.																43				
Attestation du producteur / expéditeur: J'atteste que tous les renseignements à la partie A sont exacts et complets. Je déclare que le contenu de ce chargement est décrit ci-dessus de façon complète et exacte par la désignation officielle de transport et qu'il est convenablement classé, emballé, marqué, étiqueté, muni de plaques-étiquettes et à tous égards bien conditionné pour être transporté conformément aux réglementations internationales et nationales applicables.																44				
Special handling / Manutention spéciale <input type="checkbox"/> Attached / Cjoint: <input type="checkbox"/> As follows / C-contre:																45				
21 Date shipped / Date d'expédition Year / Année Month / Mois Day / Jour <input type="checkbox"/> A.M. <input type="checkbox"/> P.M.																46				
Time / Heure Year / Année Month / Mois Day / Jour <input type="checkbox"/> A.M. <input type="checkbox"/> P.M.																47				
Scheduled arrival date / Date d'arrivée prévue Year / Année Month / Mois Day / Jour																48				

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.

2581532-5

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

A Generator / consignor Producteur / expéditeur		Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial		B Carrier Transporteur		Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial		23 Reference No. of other movement document(s)/manifest(s) used / N° de référence des autres documents de mouvement/manifestes utilisés												
Company name / Nom de l'entreprise DEPARTMENT OF NATIONAL DEFENCE C/O. RCL		Mailing address / Adresse postale 22 WING BLDG 109 NORNEIL HEIGHTS ON POH 1P3		City / Ville Province Postal code / Code postal		Company name / Nom de l'entreprise NEAS INC		Mailing address / Adresse postale 2100 AV PIERRE-DUPUY MONTREAL QC, H3C 3R5												
E-mail / Courrier électronique 705 494-2011 EXT 2861		Tel. No. / N° de tél.		E-mail / Courrier électronique 1877 225 6337		Tel. No. / N° de tél.		24 Receiver / consignee information same as in Part A Les renseignements du récepteur / destinataire sont les mêmes qu'à la Partie A <input type="checkbox"/> Yes / Oui <input type="checkbox"/> No, complete the box below / Non, remplir la case ci-dessous												
Shipping site address / Adresse du lieu de l'expédition NWS LSS HALL BEACH PO Box 46		City / Ville Province Postal code / Code postal		Vehicle / Véhicule Trailer - Rail car No. 1 1 ^{er} remorque - wagon		Registration No. / N° d'immatriculation		25 Company name / Nom de l'entreprise												
Intended Receiver / consignee Récepteur / destinataire prévu		2 Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial		Trailer - Rail car No. 2 2 nd remorque - wagon		Prov.		Mailing address / Adresse postale												
RÉCEPTIONNAIRE / DESTINATAIRE QIKIQTAALUK ENVIRONMENTAL 401 694 006		4010-10-348124						City / Ville Province Postal code / Code postal												
Mailing address / Adresse postale 9935 DEC HATFAULEUF ENTRANC 1 SUIT 200		E-mail / Courrier électronique 401 694 006		Point of entry Point d'entrée		Port of exit Point de sortie		E-mail / Courrier électronique QUENTIN BRENNER 438 334 4166												
Receiving site address / Adresse du lieu de destination VEOLIA 2630 BOUL INDUSTRIAL		Tel. No. / N° de tél. 1-866-634-6367		International use only		International use only		Tel. No. / N° de tél. ()												
City / Ville Province Postal code / Code postal		CNAMELY QC J3L 4V2		Year / Année 2008		Month / Mois 08		Day / Jour 21		Receiving site address / Adresse du lieu de destination QUENTIN BRENNER 438 334 4166										
Prov. code Code prov.	3	Shipping name Appellation réglementaire	4	Class / Classe Sub. class(es) Classe(s) sub.	5	UN No. N°NU	6	Packing / risk gr. Gr. d'emballage/ de risque	7	Quantify shipped Quantité expédiée	8	Units L or / ou Kg Unités	9	Packaging/Contenant No. / N° Codes Int-ext.	10	Phys. state État phys.				
(i)		WASTE SOLIDS CONTAINING FLAMMABLE LIQUIDS N.O.S. FUEL AVIATION TURBINE ENGINE)		4.1	UN 325	II		1182	KG	11	01	S								
(ii)																				
(iii)																				
(iv)																				
Notice No. N° de notification	11	Notice Line No. N° de ligne de la notification	12	Shipment Envoy	13	Of / De	14	D or R code Code D ou R	15	C code Code C	16	Basel Annex VIII or OECD Code Annexe VIII de Bâle ou Code OCDE	17	H code Code H	18	Y code Code Y	19	National code in country of / Code du pays	20	Customs code(s) Code(s) de douanes
(i)																				
(ii)																				
(iii)																				
(iv)																				
International use only																				
EMERGENCY CONTACT #24 HOUR CANUTEC 1 (613) 996-6666																				
Generator / consignor certification: I certify that the information contained in Part A is correct and complete. I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.																				
Attestation du producteur / expéditeur: J'atteste que tous les renseignements à la partie A sont exacts et complets. Je déclare que le contenu de ce chargement est décrit ci-dessus de façon complète et exacte par la désignation officielle de transport et qu'il est convenablement classé, emballé, marqué, étiqueté, muni de plaques-étiquettes et à tous égards bien conditionné pour le transport conformément aux réglementations internationales et nationales applicables.																				
Instructions on reverse Instructions au verso																				
Copy / Copie 1 (white / blanche)																				

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.

2581533-3

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

A Generator / consignor Producteur / expéditeur		Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial		B Carrier Transporteur		Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial		23		Reference Nos. of other movement document(s)/manifest(s) used / N° de référence des autres documents de mouvement/manifestes utilisés																											
Company name / Nom de l'entreprise NUG 10003		Mailing address / Adresse postale		City / Ville		Province		Postal code / Code postal		C Receiver / consignee Réceptionnaire / destinataire		Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial																									
DEPARTMENT OF NATIONAL DEFENCE c/o RCL		NEAS INC										24																									
Mailing address / Adresse postale 22 WING BLDG 109 HORNER HEIGHTS ON P0H 1P3		City / Ville		Province		Postal code / Code postal		25		Receiver / consignee information same as in Part A. Les renseignements du réceptionnaire / destinataire sont les mêmes qu'à la Partie A		25																									
E-mail / Courier électronique 705 494-2011 EXT 2861		Tel. No. / N° de tél.						Tel. No. / N° de tél.		<input type="checkbox"/> Yes / Oui <input type="checkbox"/> No, complete the box below / Non, remplir la case ci-dessous																											
Shipping site address / Adresse du lieu de l'expédition NWS LSS HALL BEACH PO Box 46		City / Ville		Province		Postal code / Code postal		26		Company name / Nom de l'entreprise																											
Mailing address / Adresse postale HALL BEACH NU X0A 0K0								27		Mailing address / Adresse postale																											
Intended Receiver / consignee Réceptionnaire / destinataire prévu		2 Registration No. / Provincial ID No. N° d'immatriculation - d'id. provincial		28		City / Ville		Province		Postal code / Code postal																											
GIGIGTAALUK ENVIRONNEMENT		360 16-370154 401674 006																																			
Mailing address / Adresse postale		City / Ville		Province		Postal code / Code postal																															
9935 DERHATEAUUEUF ENTRANCE 1 SUR 200		Tel. No. / N° de tél.																																			
E-mail / Courier électronique BROSSARD QC J4Z 3V4 1-866-634-6367		Tel. No. / N° de tél.																																			
Receiving site address / Adresse du lieu de destination VEOLIA 2630 Boul INDUSTRIAL		City / Ville		Province		Postal code / Code postal																															
CHAM BLY QC J3L 4V2																																					
Prov. code Code prov.	3	Shipping name Appellation réglementaire		4	Class / Classe ⁵ Sub. class(es) Classe(s) sub.	5	Packing / risk gr. Gr. d'emballage/ de risque	6	Units L or / ou Kg Unités	7	Packaging/Content: No. / N° Codes Int.- ext.	8	Phys. state Etat phys.	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
(i)		WASTE, POLYCHLORINATED BIPHENYLS, SOLID		9	UN 3432	II	3001	KG	2	07	S																										
(ii)																																					
(iii)																																					
(iv)																																					
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																							
(i)																																					
(ii)		International use only																																			
(iii)																																					
(iv)																																					
EMERGENCY CONTACT #24-Hour CANTUIEC 1 (613) 996-6666		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Signature		Signature		Signature		Signature		Signature		Signature		Signature		Signature		Signature		Signature		Signature		Signature		Signature		Signature		Signature		Signature			
Generator / consignor certification: I certify that the information contained in Part A is correct and complete. I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations.		Attestation du producteur / expéditeur: J'atteste que tous les renseignements à la partie A sont exacts et complets. Je déclare que le contenu de ce chargement est décrit ci-dessus de façon complète et exacte par la désignation officielle de transport et qu'il est convenablement classé, emballé, marqué, étiqueté, muni de plaques-étiquettes et à tous égards est en condition pour être transporté conformément aux réglementations internationales et nationales applicables.		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)					
Generator / consignor certification: I certify that the information contained in Part A is correct and complete. I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations.		Attestation du producteur / expéditeur: J'atteste que tous les renseignements à la partie A sont exacts et complets. Je déclare que le contenu de ce chargement est décrit ci-dessus de façon complète et exacte par la désignation officielle de transport et qu'il est convenablement classé, emballé, marqué, étiqueté, muni de plaques-étiquettes et à tous égards est en condition pour être transporté conformément aux réglementations internationales et nationales applicables.		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)		Name of authorized person (print) Nom de l'agent autorisé (caractère d'imprimerie)							
Instructions on reverse Instructions au verso		Copy / Copie 1 (white / blanche)																																			



SHIPPING MANIFEST

Suite 3000, 400 Cooper Street, Ottawa, ON K2P 2H8

NON NEGOTIABLE

Filled By: RDUBEAU	Date: Aug 10, 2020, 9:43 AM	Project ID:	Task ID:				
				TCN-42038			
Ship To: QIKIQTAAULK ENVIRONMENTAL (QE) C/O VEOLIA 2630, BOUL. INDUSTRIEL CHAMBLY, QC, J3L 4V2 1-866-634-6367		From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Raytheon Canada Limited, LSS Hall Beach: P.O. Box 46 Hall Beach, NU, X0A 0K0 867-928-8987		Priority 12			
Attention:		Attention:					
Carrier:	Routing:	Waybill #:	Total Pcs.	Total Weight:			
NEAS	HALL BEACH/VALLEYFIELD/CHAMBLY		7	7476 LBS			
QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N	Remarks
1	PALLET	4001427	OIL, JOHN DEERE HYDRAU HYDRAUL		PALLET # 1		48 18.9 L PLASTIC PAIL ON WOOD PALLET 48" X 48" X 48"
1	PALLET	4001427	OIL, JOHN DEERE HYDRAU HYDRAUL		PALLET # 2		24 18.9 L PLASTIC PAIL ON WOOD PALLET 48" X 40" X 34"
1	PALLET	4001427	OIL, JOHN DEERE HYDRAU HYDRAUL		PALLET # 3		24 18.9 L PLASTIC PAIL ON WOOD PALLET 48" X 40" X 34"
1	PALLET	4001427	OIL, JOHN DEERE HYDRAU HYDRAUL		PALLET # 4		24 18.9 L PLASTIC PAIL ON WOOD PALLET 48" X 40" X 34"
1	PALLET	4001427	OIL, JOHN DEERE HYDRAU HYDRAUL		PALLET # 5		24 18.9 L PLASTIC PAIL ON WOOD PALLET 48" X 40" X 34"
1	PALLET	4001427	OIL, JOHN DEERE HYDRAU HYDRAUL		PALLET # 6		24 18.9 L PLASTIC PAIL ON WOOD PALLET 48" X 40" X 34"
1	PALLET	4001427	OIL, JOHN DEERE HYDRAU HYDRAUL		PALLET # 7		24 18.9 L PLASTIC PAIL ON WOOD PALLET 48" X 40" X 34"

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

Received By:	Date
Received By:	Date



SHIPPING MANIFEST

Suite 3000, 400 Cooper Street, Ottawa, ON K2P 2H8

NON NEGOTIABLE

Filled By: RDUBEAU	Date: Aug 10, 2020, 5:25 PM	Project ID:	Task ID:
			TCN-42047

Ship To: QIKIQTAAULK ENVIRONMENTAL (QE) C/O VEOLIA 2630, BOUL. INDUSTRIEL CHAMBLY, QC, J3L 4V2 1-866-634-6367	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Raytheon Canada Limited, LSS Hall Beach: P.O. Box 46 Hall Beach, NU, X0A 0K0 867-928-8987	Priority 12
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Attention:	
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Carrier:	Routing:	Waybill #:	Total Pcs.	Total Weight:
NEAS	HALL BEACH/VALLEYFIELD/CHAMBLY		1	1700 LBS

QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N	Remarks
1	PALLET	1700 LBS	2002406	WASTE - OIL, 45 GAL	PALLET # 8		ASSETS, 3541327,3541368,354140,354141 48" X 48" X 43"

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

Received By: _____ Date: _____

Received By: _____ Date: _____



SHIPPING MANIFEST

Suite 3000, 400 Cooper Street, Ottawa, ON K2P 2H8

NON NEGOTIABLE

Filled By: RDUBEAU	Date: Aug 10, 2020, 5:41 PM	Project ID:	Task ID:
			TCN-42048

Ship To: QIKIQTAAULK ENVIRONMENTAL (QE) C/O VEOLIA 2630, BOUL. INDUSTRIEL CHAMBLY, QC, J3L 4V2 1-866-634-6367	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Raytheon Canada Limited, LSS Hall Beach: P.O. Box 46 Hall Beach, NU, X0A 0K0 867-928-8987	Priority 12
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Attention:	
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Carrier:	Routing:	Waybill #:	Total Pcs.	Total Weight:
NEAS	HALL BEACH /VALLEYFIELD/ CHAMBLY		1	1700 LBS

QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N	Remarks
1	PALLET	1700 LBS	2002406	WASTE - OIL, 45 GAL	PALLET # 9		ASSETS 354139,354135,354134,354136 48"X 48" X 44"

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

Received By: _____ Date: _____

Received By: _____ Date: _____



SHIPPING MANIFEST

Suite 3000, 400 Cooper Street, Ottawa, ON K2P 2H8

NON NEGOTIABLE

Filled By: RDUBEAU	Date: Aug 10, 2020, 5:51 PM	Project ID:	Task ID:
			TCN-42050

Ship To: QIKIQTAAULK ENVIRONMENTAL (QE) C/O VEOLIA 2630, BOUL. INDUSTRIEL CHAMBLY, QC, J3L 4V2 1-866-634-6367	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Raytheon Canada Limited, LSS Hall Beach: P.O. Box 46 Hall Beach, NU, X0A 0K0 867-928-8987	Priority 12
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Attention:	
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Carrier:	Routing:	Waybill #:	Total Pcs.	Total Weight:
NEAS	HALL BEACH/ VALLEYFIELD/ CHAMBLY		1	1400 LBS

QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N	Remarks
1	PALLET	1400 LBS	2002351	WASTE - ACTIVATED CARBON FILTE	PALLET # 10		ASSET 354089,352360,352505,355615 46" X 46" X 41"

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

Received By: _____ Date: _____

Received By: _____ Date: _____



SHIPPING MANIFEST

Suite 3000, 400 Cooper Street, Ottawa, ON K2P 2H8

NON NEGOTIABLE

Filled By: RDUBEAU	Date: Aug 10, 2020, 6:03 PM	Project ID:	Task ID:
			TCN-42051

Ship To: QIKIQTAAULK ENVIRONMENTAL (QE) C/O VEOLIA 2630, BOUL. INDUSTRIEL CHAMBLY, QC, J3L 4V2 1-866-634-6367	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Raytheon Canada Limited, LSS Hall Beach: P.O. Box 46 Hall Beach, NU, X0A 0K0 867-928-8987	Priority 12
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Attention:	
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Carrier:	Routing:	Waybill #:	Total Pcs.	Total Weight:
NEAS	HALL BEACH/ VALLEYFIELD/ CHAMBLY		1	1700 LBS

QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N	Remarks
1	PALLET	1700 LBS	2002406	WASTE - OIL, 45 GAL	PALLET # 11		ASSETS 352352,345522,355616,355617 48"X 40" X 43

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

Received By: _____ Date: _____

Received By: _____ Date: _____



SHIPPING MANIFEST

Suite 3000, 400 Cooper Street, Ottawa, ON K2P 2H8

NON NEGOTIABLE

Filled By: RDUBEAU	Date: Aug 10, 2020, 6:17 PM	Project ID:	Task ID:
			TCN-42053

Ship To: QIKIQTAAULK ENVIRONMENTAL (QE) C/O VEOLIA 2630, BOUL. INDUSTRIEL CHAMBLY, QC, J3L 4V2 1-866-634-6367	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Raytheon Canada Limited, LSS Hall Beach: P.O. Box 46 Hall Beach, NU, X0A 0K0 867-928-8987	Priority 12
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Attention:	
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Carrier:	Routing:	Waybill #:	Total Pcs.	Total Weight:
NEAS	HALL BEACH/VALLEYFIELD		1	1750 LBS

QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N	Remarks
1	PALLET	1750 LBS	2002406	WASTE - OIL, 45 GAL	PALLET # 13		ASSETS 339424,334867,352375,351999 48" X 48" X 43"

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

Received By: _____ Date: _____

Received By: _____ Date: _____



SHIPPING MANIFEST

Suite 3000, 400 Cooper Street, Ottawa, ON K2P 2H8

NON NEGOTIABLE

Filled By: RDUBEAU	Date: Aug 11, 2020, 10:52 AM	Project ID:	Task ID:
			TCN-42057

Ship To: QIKIQTAAULK ENVIRONMENTAL (QE) C/O VEOLIA 2630, BOUL. INDUSTRIEL CHAMBLY, QC, J3L 4V2 1-866-634-6367	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Raytheon Canada Limited, LSS Hall Beach: P.O. Box 46 Hall Beach, NU, X0A 0K0 867-928-8987	Priority 12
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Attention:	
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Carrier:	Routing:	Waybill #:	Total Pcs.	Total Weight:
NEAS	HALL BEACH/VALLEYFIELD/CHAMBLY		1	1600 LBS

QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N	Remarks
1	PALLET	1600 LBS	2002406	WASTE - OIL, 45 GAL	PALLET # 14		ASSETS 352514,352035,352935,3556635 48" X 48" X 31"

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

Received By: _____ Date: _____

Received By: _____ Date: _____



SHIPPING MANIFEST

Suite 3000, 400 Cooper Street, Ottawa, ON K2P 2H8

NON NEGOTIABLE

Filled By: RDUBEAU	Date: Aug 11, 2020, 10:59 AM	Project ID:	Task ID:
			TCN-42058

Ship To: QIKIQTAAULK ENVIRONMENTAL (QE) C/O VEOLIA 2630, BOUL. INDUSTRIEL CHAMBLY, QC, J3L 4V2 1-866-634-6367	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Raytheon Canada Limited, LSS Hall Beach: P.O. Box 46 Hall Beach, NU, X0A 0K0 867-928-8987	Priority 12
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Attention:	
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Carrier:	Routing:	Waybill #:	Total Pcs.	Total Weight:
NEAS	HALL BEACH/VALLEYFIELD/CHAMBLY	TM10522	1	771 Kg

QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N	Remarks
1	PALLET	771 KG	2002406	WASTE - OIL, 45 GAL	PALLET # 15		ASSETS 355088,354034,352926,354030 48"X 48" X 41"

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

Received By: _____ Date: _____

Received By: _____ Date: _____



SHIPPING MANIFEST

Suite 3000, 400 Cooper Street, Ottawa, ON K2P 2H8

NON NEGOTIABLE

Filled By: RDUBEAU	Date: Aug 11, 2020, 11:08 AM	Project ID:	Task ID:
			TCN-42059

Ship To: QIKIQTAAULK ENVIRONMENTAL (QE) C/O VEOLIA 2630, BOUL. INDUSTRIEL CHAMBLY, QC, J3L 4V2 1-866-634-6367	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Raytheon Canada Limited, LSS Hall Beach: P.O. Box 46 Hall Beach, NU, X0A 0K0 867-928-8987	Priority 12
---	--	-----------------------

Attention:	
------------	--

Carrier:	Routing:	Waybill #:	Total Pcs.	Total Weight:
NEAS	HALL BEACH/VALLEYFIELD/CHAMBLY		1	800 LBS

QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N	Remarks
1	PALLET	800 LBS	2002406	WASTE - OIL, 45 GAL	PALLET # 16		ASSET 352037,355636 48" X 40" X 44"

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

Received By: _____ Date: _____

Received By: _____ Date: _____



SHIPPING MANIFEST

Suite 3000, 400 Cooper Street, Ottawa, ON K2P 2H8

NON NEGOTIABLE

Filled By: RDUBEAU	Date: Aug 11, 2020, 11:21 AM	Project ID:	Task ID:
			TCN-42060

Ship To: QIKIQTAAULK ENVIRONMENTAL (QE) C/O VEOLIA 2630, BOUL. INDUSTRIEL CHAMBLY, QC, J3L 4V2 1-866-634-6367	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Raytheon Canada Limited, LSS Hall Beach: P.O. Box 46 Hall Beach, NU, X0A 0K0 867-928-8987	Priority 12
---	--	-----------------------

Attention:	
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Carrier:	Routing:	Waybill #:	Total Pcs.	Total Weight:
NEAS	HALLBEACH/VALLEYFIELD/CHAMBLY		1	1900 LBS

QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N	Remarks
1	PALLET	1900 LBS	2002406	WASTE - OIL, 45 GAL	PALLET # 17		ASSETS 349164,344582,355637,355639 48" X 48" X 41"

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

Received By: _____ Date: _____

Received By: _____ Date: _____



SHIPPING MANIFEST

Suite 3000, 400 Cooper Street, Ottawa, ON K2P 2H8

NON NEGOTIABLE

Filled By: RDUBEAU	Date: Aug 11, 2020, 1:07 PM	Project ID:	Task ID:
			TCN-42062

Ship To: QIKIQTAAULK ENVIRONMENTAL (QE) C/O VEOLIA 2630, BOUL. INDUSTRIEL CHAMBLY, QC, J3L 4V2 1-866-634-6367	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Raytheon Canada Limited, LSS Hall Beach: P.O. Box 46 Hall Beach, NU, X0A 0K0 867-928-8987	Priority 12
---	--	-----------------------

Attention:	
------------	--

Carrier:	Routing:	Waybill #:	Total Pcs.	Total Weight:
NEAS	HALL BEACH/VALLEYFIELD/CHAMBLY		1	700 LBS

QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N	Remarks
0	1	700 LBS	2002344	WASTE - GLYCOL (DRUM)	PALLET # 30		ASSETS 347766,339894 48"X 40" X 41"

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

Received By:	Date
--------------	------

Received By:	Date
--------------	------



SHIPPING MANIFEST

Suite 3000, 400 Cooper Street, Ottawa, ON K2P 2H8

NON NEGOTIABLE

Filled By: RDUBEAU	Date: Aug 11, 2020, 1:11 PM	Project ID:	Task ID:
			TCN-42063

Ship To: QIKIQTAAULK ENVIRONMENTAL (QE) C/O VEOLIA 2630, BOUL. INDUSTRIEL CHAMBLY, QC, J3L 4V2 1-866-634-6367	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Raytheon Canada Limited, LSS Hall Beach: P.O. Box 46 Hall Beach, NU, X0A 0K0 867-928-8987	Priority 12
---	--	-----------------------

Attention:	
------------	--

Carrier:	Routing:	Waybill #:	Total Pcs.	Total Weight:
NEAS	HALL BEACH/VALLEYFIELD/CHAMBLY		1	1400 LBS

QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N	Remarks
1	PALLET	1400 LBS	2002406	WASTE - OIL, 45 GAL	PALLET # 39		ASSETS 352822,339438,355661 48" X 48" X 41"

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

Received By:	Date
--------------	------

Received By:	Date
--------------	------



SHIPPING MANIFEST

Suite 3000, 400 Cooper Street, Ottawa, ON K2P 2H8

NON NEGOTIABLE

Filled By: RDUBEAU	Date: Aug 11, 2020, 1:15 PM	Project ID:	Task ID:
			TCN-42064

Ship To: QIKIQTAAULK ENVIRONMENTAL (QE) C/O VEOLIA 2630, BOUL. INDUSTRIEL CHAMBLY, QC, J3L 4V2 1-866-634-6367	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Raytheon Canada Limited, LSS Hall Beach: P.O. Box 46 Hall Beach, NU, X0A 0K0 867-928-8987	Priority 12
---	--	-----------------------

Attention:	
------------	--

Carrier:	Routing:	Waybill #:	Total Pcs.	Total Weight:
NEAS	HALL BEACH/VALLEYFIELD/CHAMBLY		1	950 LBS

QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N	Remarks
1	PALLET	950 LBS	2002406	WASTE - OIL, 45 GAL	PALLET # 40		ASSETS 331754,355645 48" X 40" X 41"

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

Received By: _____ Date: _____

Received By: _____ Date: _____



SHIPPING MANIFEST

Suite 3000, 400 Cooper Street, Ottawa, ON K2P 2H8

NON NEGOTIABLE

Filled By: RDUBEAU	Date: Aug 11, 2020, 4:53 PM	Project ID:	Task ID:
			TCN-42070

Ship To: QIKIQTAAULK ENVIRONMENTAL (QE) C/O VEOLIA 2630, BOUL. INDUSTRIEL CHAMBLY, QC, J3L 4V2 1-866-634-6367	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Raytheon Canada Limited, LSS Hall Beach: P.O. Box 46 Hall Beach, NU, X0A 0K0 867-928-8987	Priority 12
---	--	-----------------------

Attention:	
------------	--

Carrier:	Routing:	Waybill #:	Total Pcs.	Total Weight:
NEAS	HALL BEACH/VALLEYFIELD/CHAMBLY		1	700 LBS

QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N	Remarks
1	PALLET	700 LBS	2002356	WASTE - OIL FILTERS	PALLET # 26		ASSETS 350552,322865,344585,347298 (NON-REG) 56" X 56" X 46"

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

Received By: _____ Date: _____

Received By: _____ Date: _____



SHIPPING MANIFEST

Suite 3000, 400 Cooper Street, Ottawa, ON K2P 2H8

NON NEGOTIABLE

Filled By: RDUBEAU	Date: Aug 12, 2020, 4:56 PM	Project ID:	Task ID:
			TCN-42089

Ship To: QIKIQTAAULK ENVIRONMENTAL (QE) C/O VEOLIA 2630, BOUL. INDUSTRIEL CHAMBLY, QC, J3L 4V2 1-866-634-6367	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Raytheon Canada Limited, LSS Hall Beach: P.O. Box 46 Hall Beach, NU, X0A 0K0 867-928-8987	Priority 12
---	--	-----------------------

Attention:	
------------	--

Carrier:	Routing:	Waybill #:	Total Pcs.	Total Weight:
NEAS	HALL BEACH/VALLEYFIELD/CHAMBLY	TM10546	1	181 KG

QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N	Remarks
1	PALLET	181 kg	4004961	WASTE - Asbestos Containing Ma	PALLET # 18		ASSETS 353220,353223,353218,353224 56"X 56" X 45"

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

Received By: _____ Date: _____

Received By: _____ Date: _____



SHIPPING MANIFEST

Suite 3000, 400 Cooper Street, Ottawa, ON K2P 2H8

NON NEGOTIABLE

Filled By: RDUBEAU	Date: Aug 12, 2020, 5:01 PM	Project ID:	Task ID:
			TCN-42090

Ship To: QIKIQTAAULK ENVIRONMENTAL (QE) C/O VEOLIA 2630, BOUL. INDUSTRIEL CHAMBLY, QC, J3L 4V2 1-866-634-6367	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Raytheon Canada Limited, LSS Hall Beach: P.O. Box 46 Hall Beach, NU, X0A 0K0 867-928-8987	Priority 12
---	--	-----------------------

Attention:	
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Carrier:	Routing:	Waybill #:	Total Pcs.	Total Weight:
NEAS	HALL BEACH/VALLEYFILKED/ CHAMBLY	TM10546	1	181 kg

QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N	Remarks
1	PALLET	181 kg	4004961	WASTE - Asbestos Containing Ma	PALLET # 19		ASSETS 353221,353217,345888,353216 56" X 56" X 45"

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

Received By: _____ Date: _____

Received By: _____ Date: _____



SHIPPING MANIFEST

Suite 3000, 400 Cooper Street, Ottawa, ON K2P 2H8

NON NEGOTIABLE

Filled By: RDUBEAU	Date: Aug 12, 2020, 5:05 PM	Project ID:	Task ID:
			TCN-42091

Ship To: QIKIQTAAULK ENVIRONMENTAL (QE) C/O VEOLIA 2630, BOUL. INDUSTRIEL CHAMBLY, QC, J3L 4V2 1-866-634-6367	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Raytheon Canada Limited, LSS Hall Beach: P.O. Box 46 Hall Beach, NU, X0A 0K0 867-928-8987	Priority 12
---	--	-----------------------

Attention:	
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Carrier:	Routing:	Waybill #:	Total Pcs.	Total Weight:
NEAS	HALL BEACH/VALLEYFIELD/CHAMBLY	TM10546	1	181 KG

QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N	Remarks
1	PALLET	181 KG	4004961	WASTE - Asbestos Containing Ma	PALLET # 20		ASSETS 353222,353225,353219,353226 56" X 56" X 45"

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

Received By: _____ Date: _____

Received By: _____ Date: _____



SHIPPING MANIFEST

Suite 3000, 400 Cooper Street, Ottawa, ON K2P 2H8

NON NEGOTIABLE

Filled By: RDUBEAU	Date: Aug 12, 2020, 5:09 PM	Project ID:	Task ID:
			TCN-42093

Ship To: QIKIQTAAULK ENVIRONMENTAL (QE) C/O VEOLIA 2630, BOUL. INDUSTRIEL CHAMBLY, QC, J3L 4V2 1-866-634-6367	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Raytheon Canada Limited, LSS Hall Beach: P.O. Box 46 Hall Beach, NU, X0A 0K0 867-928-8987	Priority 12
---	--	-----------------------

Attention:	
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Carrier:	Routing:	Waybill #:	Total Pcs.	Total Weight:
NEAS	HALL BEACH/VALLEYFIELD/CHAMBLY	TM10546	1	181 kg

QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N	Remarks
1	PALLET	181 kg	4004961	WASTE - Asbestos Containing Ma	PALLET # 21		ASSETS 353215,353213,353214,353212 56" X 56" X 45"

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

Received By: _____ Date: _____

Received By: _____ Date: _____



SHIPPING MANIFEST

Suite 3000, 400 Cooper Street, Ottawa, ON K2P 2H8

NON NEGOTIABLE

Filled By: RDUBEAU	Date: Aug 20, 2020, 6:27 PM	Project ID:	Task ID:
			TCN-42204

Ship To: QIKIQTAAULK ENVIRONMENTAL (QE) C/O VEOLIA 2630, BOUL. INDUSTRIEL CHAMBLY, QC, J3L 4V2 1-866-634-6367	From: LSS-F/FOX-M, HALL BEACH, DND Storeroom Raytheon Canada Limited, LSS Hall Beach: P.O. Box 46 Hall Beach, NU, X0A 0K0 867-928-8987	Priority 12
---	--	-----------------------

Attention:	
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Carrier:	Routing:	Waybill #:	Total Pcs.	Total Weight:
NEAS	HALL B EACH/VALLEYFIELD/CHAMBLY	TM10546	1	68 KG

QTY Order	Type	Line Weight	Item	Description	WO or PO	B/Code or S/N	Remarks
1	QUATRI	68 KG	4004961	WASTE - Asbestos Containing Ma BAG	PALLET # 41		ASSET 355787 48" X 40" X 42 (NON-REG)

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

Received By: _____ Date: _____

Received By: _____ Date: _____



UNCLASSIFIED

SOW Ref: 16.F.5.d

ANNEX B. TREATED SEWAGE EFFLUENT OUTFALL (FOH-2) LOCATION WITH COORDINATES



Figure 1: Location and coordinates of sewage treatment outfall: 68° 45'39.50" N, 81°13'28.40" W

UNCONTROLLED WHEN PRINTED



UNCLASSIFIED

SOW Ref: 16.F.5.d

ANNEX C. ANALYSIS OF TREATED SEWAGE EFFLUENT

Table C-1 contains the results of sampling analysis of treated sewage effluent. Samples were collected monthly. The sample collected 5 May 2020 was not analyzed as it was delayed in transit and did not reach the laboratory until 9 July 2020. The laboratory certificates of analysis are included in the pages which follow.

Table C-2: Summary of Analysis of Treated Sewage Effluent at FOX-M in 2020

Sample Date	Parameter				
	pH	Oil and Grease (Present - P / Absent - A)	Biological Oxygen Demand (mg/L)	Total Suspended Solids (mg/L)	Faecal Coliforms ¹
Maximum Concentration	6.0 to 9.0 (pH units)	No visible sheen	120 mg/L	180 mg/L	10,000 CFU/100 mL
6-Jan-20	7.26	A	1	<2	0.00
19-Feb-20	7.52	A	4	<2	2.00
3-Mar-20	7.26	A	4	<2	98.67
16-Apr-20	7.73	A	1	3	0.00
5-May-20	Not Analyzed				
9-Jun-20	8.00	A	2	<2	6.00
8-Jul-20	6.04	A	3	<2	24.33
13-Aug-20	6.82	A	<1	<2	352.67
15-Sep-20	6.65	A	10	<2	161.67
21-Oct-20	6.85	A	3	<2	12.00
6-Nov-20	6.97	A	3	3	1.67
3-Dec-20	6.90	A	20	<2	112.00

The following documents are enclosed:

1. Eurofins Certificate of Analysis 6-Jan-20
2. Eurofins Certificate of Analysis 19-Feb-20
3. Eurofins Certificate of Analysis 3-Mar-20
4. Eurofins Certificate of Analysis 16-Apr-20
5. Eurofins Certificate of Analysis 9-Jun-20
6. Eurofins Certificate of Analysis 8-Jul-20
7. Eurofins Certificate of Analysis 13-Aug-20
8. Eurofins Certificate of Analysis 15-Sep-20
9. Eurofins Certificate of Analysis 21-Oct-20
10. Eurofins Certificate of Analysis 6-Nov-20
11. Eurofins Certificate of Analysis 3-Dec-20

¹ This column contains the average of the Cyclot 1A, Cyclot 1B, and Cyclot 1C

UNCONTROLLED WHEN PRINTED

Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8
Attention: Mr. Will Wyman
PO#: 004438-OT
Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1925335
Date Submitted: 2020-02-11
Date Reported: 2020-02-13
Project:
COC #: 207962

Page 1 of 3

Dear Will Wyman:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:



Rebecca Koshy
2020.03.10
08:53:25 -04'00'

APPROVAL:

Rebecca Koshy, Project Manager

All analysis is completed at Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) unless otherwise indicated.

Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) is accredited by CALA, Canadian Association for Laboratory Accreditation to ISO/IEC 17025 for tests which appear on the scope of accreditation. The scope is available at: <http://www.calac.ca/scopes/2602.pdf>.

Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) is licensed by the Ontario Ministry of the Environment, Conservation, and Parks (MECP) for specific tests in drinking water (license #2318). A copy of the license is available upon request.

Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) is accredited by the Ontario Ministry of Agriculture, Food, and Rural Affairs for specific tests in agricultural soils.

Please note: Field data, where presented on the report, has been provided by the client and is presented for informational purposes only. Guideline values listed on this report are provided for ease of use (informational purposes) only. Eurofins recommends consulting the official provincial or federal guideline as required. Unless otherwise stated, measurement uncertainty is not taken into account when determining guideline or regulatory exceedances.

Certificate of Analysis

Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Will Wyman
 PO#: 004438-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1925335
 Date Submitted: 2020-02-11
 Date Reported: 2020-02-13
 Project:
 COC #: 207962

Group	Analyte	MRL	Units	Guideline	Lab I.D.	1479155	1479156	1479157
					Sample Matrix	Sewage	Sewage	Sewage
Microbiology	Faecal Coliforms	0	ct/100mL		Sampling Date Sample I.D.	2020-01-06 Fox-Main Cycle-Let - A	2020-01-06 Fox-Main Cycle-Let - B	2020-01-06 Fox-Main Cycle-Let - C

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

Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8
Attention: Mr. Will Wyman
PO#: 004438-OT
Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1925335
Date Submitted: 2020-02-11
Date Reported: 2020-02-13
Project:
COC #: 207962

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 379478	Analysis/Extraction Date 2020-02-12	Analyst DRA	
Method AMBCOLM1			
Faecal Coliforms			

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

Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8
Attention: Mr. Will Wyman
PO#: 004438-OT
Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1925360
Date Submitted: 2020-02-11
Date Reported: 2020-02-18
Project:
COC #: 207962

Page 1 of 3

Dear Will Wyman:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:

Addrine
Thomas
2020.02.18
14:11:47 -05'00'



APPROVAL:

Addrine Thomas, Inorganics Supervisor

All analysis is completed at Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) unless otherwise indicated.

Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) is accredited by CALA, Canadian Association for Laboratory Accreditation to ISO/IEC 17025 for tests which appear on the scope of accreditation. The scope is available at: <http://www.cal.ca/scopes/2602.pdf>.

Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) is licensed by the Ontario Ministry of the Environment, Conservation, and Parks (MECP) for specific tests in drinking water (license #2318). A copy of the license is available upon request.

Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) is accredited by the Ontario Ministry of Agriculture, Food, and Rural Affairs for specific tests in agricultural soils.

Please note: Field data, where presented on the report, has been provided by the client and is presented for informational purposes only. Guideline values listed on this report are provided for ease of use (informational purposes) only. Eurofins recommends consulting the official provincial or federal guideline as required. Unless otherwise stated, measurement uncertainty is not taken into account when determining guideline or regulatory exceedances.

Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Will Wyman
 PO#: 004438-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1925360
 Date Submitted: 2020-02-11
 Date Reported: 2020-02-18
 Project:
 COC #: 207962

Lab I.D.
 Sample Matrix
 Sample Type
 Sampling Date
 Sample I.D.
 1479258
 Sewage
 2020-01-06
 FOX-MAIN-Cycle-Let

Group	Analyte	MRL	Units	Guideline	
General Chemistry	BOD5	1	mg/L		1
	pH	1.00			7.26
	Total Suspended Solids	2	mg/L		<2
Oil and Grease	Oil & Grease - Mineral	1	mg/L		<1
	Oil & Grease - Non-mineral	1	mg/L		<1
	Oil & Grease - Total	1	mg/L		<1
	Visible Sheen		P/A		A

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

Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Will Wyman
 PO#: 004438-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1925360
 Date Submitted: 2020-02-11
 Date Reported: 2020-02-18
 Project:
 COC #: 207962

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 208523	Analysis/Extraction Date 2020-02-12	Analyst C M	
Method SHEEN			
Visible Sheen			
Run No 379582	Analysis/Extraction Date 2020-02-13	Analyst AET	
Method SM2320,2510,4500H/F			
pH		99	90-110
Run No 379593	Analysis/Extraction Date 2020-02-18	Analyst Z S	
Method SM 5210B			
BOD5	<1 mg/L	100	75-125
Run No 379628	Analysis/Extraction Date 2020-02-13	Analyst SKH	
Method C SM2540			
Total Suspended Solids	<2 mg/L	98	90-110
Run No 379657	Analysis/Extraction Date 2020-02-14	Analyst TJB	
Method MOE E3421			
Oil & Grease - Mineral	<1 mg/L	89	60-120
Oil & Grease - Non-mineral	<1 mg/L		60-120
Oil & Grease - Total	<1 mg/L	90	60-120

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

Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8

Attention: Mr. Will Wyman
PO#: 004438-OT
Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1926735
Date Submitted: 2020-03-06
Date Reported: 2020-03-09
Project:
COC #: 207963

Page 1 of 2

Dear Will Wyman:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:

Dragana
Dzeletovic
Dragana Dzeletovic 2020.03.09
09:32:59
-04'00'
APPROVAL: _____
Dragana Dzeletovic-Andic, Microbiology

All analysis is completed at Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) unless otherwise indicated.

Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) is accredited by CALA, Canadian Association for Laboratory Accreditation to ISO/IEC 17025 for tests which appear on the scope of accreditation. The scope is available at: <http://www.cala.ca/scopes/2602.pdf>.

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Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) is accredited by the Ontario Ministry of Agriculture, Food, and Rural Affairs for specific tests in agricultural soils.

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Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Will Wyman
 PO#: 004438-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1926735
 Date Submitted: 2020-03-06
 Date Reported: 2020-03-09
 Project:
 COC #: 207963

Group	Analyte	MRL	Units	Guideline	Lab I.D.	1483585	1483586	1483587
					Sample Matrix	Sewage	Sewage	Sewage
Microbiology	Faecal Coliforms	0	ct/100mL		Sampling Date	2020-02-19	2020-02-19	2020-02-19
					Sample I.D.	Fox-Main CYCLE-LET A	Fox-Main CYCLE-LET B	Fox-Main CYCLE-LET C
						1	1	4

Guideline =
*** = Guideline Exceedence**

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

Analytical Method: AMBCOLM1

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

Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8
Attention: Mr. Will Wyman
PO#: 004438-OT
Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1926733
Date Submitted: 2020-03-06
Date Reported: 2020-03-16
Project:
COC #: 207963

Page 1 of 3

Dear Will Wyman:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:

Sarah
Horner

2020.03.1
6 15:17:49
-04'00'

Charlie
Long Qu

2020.03.1
6 14:46:29
-04'00'

APPROVAL:

Sarah Horner, Inorganics Technician

APPROVAL:

Long Qu, Organics Supervisor

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Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Will Wyman
 PO#: 004438-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1926733
 Date Submitted: 2020-03-06
 Date Reported: 2020-03-16
 Project:
 COC #: 207963

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.
General Chemistry	BOD5	1	mg/L		1483583 Sewage
	pH	1.00			2020-02-19 Fox-Main CYCLE-LET
	Total Suspended Solids	2	mg/L		<2
Oil and Grease	Oil & Grease - Mineral	1	mg/L		<1
	Oil & Grease - Non-mineral	1	mg/L		<1
	Oil & Grease - Total	1	mg/L		<1
	Visible Sheen		P/A		A

Guideline =

*** = Guideline Exceedence**

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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

Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Will Wyman
 PO#: 004438-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1926733
 Date Submitted: 2020-03-06
 Date Reported: 2020-03-16
 Project:
 COC #: 207963

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 380590 Analysis/Extraction Date 2020-03-16		Analyst Z S	
Method SM 5210B			
BOD5	<1 mg/L	115	75-125
Run No 380601 Analysis/Extraction Date 2020-03-11		Analyst TJB	
Method MOE E3421			
Oil & Grease - Mineral	<1 mg/L	95	60-120
Oil & Grease - Non-mineral	<1 mg/L		60-120
Oil & Grease - Total	<1 mg/L	95	60-120
Visible Sheen			
Run No 380627 Analysis/Extraction Date 2020-03-11		Analyst SKH	
Method C SM2540			
Total Suspended Solids	<2 mg/L	97	90-110
Run No 380689 Analysis/Extraction Date 2020-03-11		Analyst H D	
Method SM2320,2510,4500H/F			
pH		100	90-110

Guideline =

*** = Guideline Exceedence**

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Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8

Attention: Mr. Will Wyman
PO#: 004438-OT

Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1926960
Date Submitted: 2020-03-11
Date Reported: 2020-03-12
Project:
COC #: 207954

Page 1 of 2

Dear Will Wyman:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:

Steven

Tosh



2020.03.12

17:18:34

-04'00'

APPROVAL:

Steven Tosh, Operations Manager

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Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Will Wyman
 PO#: 004438-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1926960
 Date Submitted: 2020-03-11
 Date Reported: 2020-03-12
 Project:
 COC #: 207954

Group	Analyte	MRL	Units	Guideline	Lab I.D.	Sample Matrix	Sampling Date	Sample I.D.	1484439	1484440	1484441
Microbiology	Faecal Coliforms	0	ct/100mL		1484439 Sewage 2020-03-03 Fox-Main Cycle-Let 1 A	1484440 Sewage 2020-03-03 Fox-Main Cycle-Let 1 B	1484441 Sewage 2020-03-03 Fox-Main Cycle-Let 1 C		91	132	73

Guideline =
*** = Guideline Exceedence**

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

Analytical Method: AMBCOLM1

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

Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8
Attention: Mr. Will Wyman
PO#: 004438-OT
Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1926955
Date Submitted: 2020-03-11
Date Reported: 2020-03-19
Project:
COC #: 207954

Page 1 of 3

Dear Will Wyman:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:



Addrine Thomas
2020.03.19
13:55:46 -04'00'



Charlie
Long Qu
2020.03.1
9 11:51:20
-04'00'

APPROVAL:

Addrine Thomas, Inorganics Supervisor

APPROVAL:

Long Qu, Organics Supervisor

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Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Will Wyman
 PO#: 004438-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1926955
 Date Submitted: 2020-03-11
 Date Reported: 2020-03-19
 Project:
 COC #: 207954

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	1484431 Sewage 2020-03-03 Fox-Main Cycle-Let
General Chemistry	BOD5	1	mg/L		4	
	pH	1.00			7.26	
	Total Suspended Solids	2	mg/L		<2	
Oil and Grease	Oil & Grease - Mineral	1	mg/L		<1	
	Oil & Grease - Non-mineral	1	mg/L		<1	
	Oil & Grease - Total	1	mg/L		<1	
	Visible Sheen		P/A		A	

Guideline =

*** = Guideline Exceedence**

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Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8

Attention: Mr. Will Wyman
 PO#: 004438-OT

Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1926955
 Date Submitted: 2020-03-11
 Date Reported: 2020-03-19
 Project:
 COC #: 207954

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 380689 Analysis/Extraction Date 2020-03-13	Analyst H D		
Method SM2320,2510,4500H/F			
pH		100	90-110
Run No 380714 Analysis/Extraction Date 2020-03-18	Analyst Z S		
Method SM 5210B			
BOD5	<1 mg/L	101	75-125
Run No 380817 Analysis/Extraction Date 2020-03-16	Analyst TJB		
Method MOE E3421			
Oil & Grease - Mineral	<1 mg/L	95	60-120
Oil & Grease - Non-mineral	<1 mg/L		60-120
Oil & Grease - Total	<1 mg/L	95	60-120
Run No 380856 Analysis/Extraction Date 2020-03-17	Analyst SKH		
Method C SM2540			
Total Suspended Solids	<2 mg/L	98	90-110
Run No 380986 Analysis/Extraction Date 2020-03-19	Analyst TJB		
Method SHEEN			
Visible Sheen			

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

Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8

Attention: Mr. Will Wyman
PO#: 004438-OT
Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1928864
Date Submitted: 2020-04-21
Date Reported: 2020-04-22
Project:
COC #: 207958

Page 1 of 3

Dear Will Wyman:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:

Dragana
Dzeletovic
Dragana Dzeletovic 2020.04.22
11:34:10
APPROVAL: -04'00'
Dragana Dzeletovic-Andic, Microbiology

All analysis is completed at Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) unless otherwise indicated.

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Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Will Wyman
 PO#: 004438-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1928864
 Date Submitted: 2020-04-21
 Date Reported: 2020-04-22
 Project:
 COC #: 207958

Group	Analyte	MRL	Units	Guideline	Lab I.D.	1489679	1489680	1489681
					Sample Matrix	Sewage	Sewage	Sewage
Microbiology	Faecal Coliforms	0	ct/100mL		Sampling Date Sample I.D.	2020-04-16 Fox-Main Cycle-Let 1A	2020-04-16 Fox-Main Cycle-Let 1B	2020-04-16 Fox-Main Cycle-Let 1C

Guideline =
*** = Guideline Exceedence**

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

Analytical Method: AMBCOLM1

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

Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8

Attention: Mr. Will Wyman
PO#: 004438-OT

Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1928864
Date Submitted: 2020-04-21
Date Reported: 2020-04-22
Project:
COC #: 207958

Sample Comment Summary

Sample ID: 1489679 Fox-Main Cycle-Let 1A Deviation from standard protocol. All samples on report past hold time.

Guideline =*** = Guideline Exceedence**

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

Analytical Method: AMBCOLM1

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

Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8
Attention: Mr. Will Wyman
PO#: 004438-OT
Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1928869
Date Submitted: 2020-04-21
Date Reported: 2020-04-28
Project:
COC #: 207958

Page 1 of 3

Dear Will Wyman:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:

Address
Thomas
2020.04.28
13:42:11 -04'00'



APPROVAL:

Addrine Thomas, Inorganics Supervisor

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Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Will Wyman
 PO#: 004438-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1928869
 Date Submitted: 2020-04-21
 Date Reported: 2020-04-28
 Project:
 COC #: 207958

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	1489697 Sewage 2020-04-16 Fox-Main Cycle-Let
General Chemistry	BOD5	1	mg/L			1
	pH	1.00				7.73
	Total Suspended Solids	2	mg/L			3
Oil and Grease	Oil & Grease - Mineral	1	mg/L			<1
	Oil & Grease - Non-mineral	1	mg/L			<1
	Oil & Grease - Total	1	mg/L			<1
	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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Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8

Attention: Mr. Will Wyman
 PO#: 004438-OT

Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1928869
 Date Submitted: 2020-04-21
 Date Reported: 2020-04-28
 Project:
 COC #: 207958

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 382294 Analysis/Extraction Date 2020-04-27		Analyst Z S	
Method SM 5210B			
BOD5	<1 mg/L	85	75-125
Run No 382391 Analysis/Extraction Date 2020-04-24		Analyst AET	
Method SM2320,2510,4500H/F			
pH		100	90-110
Run No 382434 Analysis/Extraction Date 2020-04-27		Analyst TJB	
Method SHEEN			
Visible Sheen			
Run No 382435 Analysis/Extraction Date 2020-04-25		Analyst TJB	
Method MOE E3421			
Oil & Grease - Mineral	<1 mg/L	88	60-120
Oil & Grease - Non-mineral	<1 mg/L		60-120
Oil & Grease - Total	<1 mg/L	95	60-120
Run No 382446 Analysis/Extraction Date 2020-04-27		Analyst SKH	
Method C SM2540			
Total Suspended Solids	<2 mg/L	98	90-110

Guideline =

*** = Guideline Exceedence**

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Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8
Attention: Mr. Will Wyman
PO#: 004438-OT
Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1932475
Date Submitted: 2020-06-18
Date Reported: 2020-06-19
Project:
COC #: 207976

Page 1 of 3

Dear Will Wyman:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:

Steven
Tosh

2020.06.19
13:54:34
-04'00'
APPROVAL: _____
Steven Tosh, Operations Manager

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Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Will Wyman
 PO#: 004438-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1932475
 Date Submitted: 2020-06-18
 Date Reported: 2020-06-19
 Project:
 COC #: 207976

Group	Analyte	MRL	Units	Guideline	Lab I.D.	1499720 Sewage 2020-06-09 Fox-Main Cycle-Let A	1499721 Sewage 2020-06-09 Fox-Main Cycle-Let B	1499722 Sewage 2020-06-09 Fox-Main Cycle-Let C
Microbiology	Faecal Coliforms	0	ct/100mL			8	7	3

Guideline =
*** = Guideline Exceedence**

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

Analytical Method: AMBCOLM1

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

Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8
Attention: Mr. Will Wyman
PO#: 004438-OT
Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1932475
Date Submitted: 2020-06-18
Date Reported: 2020-06-19
Project:
COC #: 207976

Sample Comment Summary

Sample ID: 1499720 Fox-Main Cycle-Let A Deviation from standard protocol. All samples on report have exceeded the hold time for bacteria analysis.

Guideline =*** = Guideline Exceedence**

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

Analytical Method: AMBCOLM1

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

Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8
Attention: Mr. Will Wyman
PO#: 17-00919
Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1932445
Date Submitted: 2020-06-18
Date Reported: 2020-06-24
Project:
COC #: 207976

Page 1 of 3

Dear Will Wyman:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:

Addrine
Thomas
2020.06.24
15:34:55 -04'00'



APPROVAL:

Addrine Thomas, Inorganics Supervisor

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Certificate of Analysis

Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Will Wyman
 PO#: 17-00919
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1932445
 Date Submitted: 2020-06-18
 Date Reported: 2020-06-24
 Project:
 COC #: 207976

					Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	1499654 Sewage 2020-06-09 Fox-Main Cycle-Let 1
Group	Analyte	MRL	Units	Guideline		
General Chemistry	BOD5	1	mg/L		2	
	pH	1.00			8.00	
	Total Suspended Solids	2	mg/L		<2	
Oil and Grease	Oil & Grease - Mineral	1	mg/L		<1	
	Oil & Grease - Non-mineral	1	mg/L		<1	
	Oil & Grease - Total	1	mg/L		<1	
	Visible Sheen		P/A		A	

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

Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Will Wyman
 PO#: 17-00919
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1932445
 Date Submitted: 2020-06-18
 Date Reported: 2020-06-24
 Project:
 COC #: 207976

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 208523 Analysis/Extraction Date 2020-06-18	Analyst C M		
Method SHEEN			
Visible Sheen			
Run No 385087 Analysis/Extraction Date 2020-06-19	Analyst MOS		
Method C SM2540			
Total Suspended Solids	<2 mg/L	97	90-110
Run No 385117 Analysis/Extraction Date 2020-06-24	Analyst AG		
Method SM 5210B			
BOD5	<1 mg/L	80	75-125
Run No 385127 Analysis/Extraction Date 2020-06-17	Analyst E P		
Method MOE E3421			
Oil & Grease - Mineral	<1 mg/L	99	60-120
Oil & Grease - Non-mineral	<1 mg/L		60-120
Oil & Grease - Total	<1 mg/L	100	60-120
Run No 385247 Analysis/Extraction Date 2020-06-22	Analyst QT		
Method SM2320,2510,4500H/F			
pH		100	90-110

Guideline =

*** = Guideline Exceedence**

Results relate only to the parameters tested on the samples submitted.
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Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8
Attention: Mr. Will Wyman
PO#: 004438-OT
Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1934271
Date Submitted: 2020-07-14
Date Reported: 2020-07-21
Project:
COC #: 210201

Page 1 of 3

Dear Will Wyman:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:

Addrine
Thomas
2020.07.21
15:47:12 -04'00'



APPROVAL:

Addrine Thomas, Inorganics Supervisor

All analysis is completed at Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) unless otherwise indicated.

Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) is accredited by CALA, Canadian Association for Laboratory Accreditation to ISO/IEC 17025 for tests which appear on the scope of accreditation. The scope is available at: <http://www.cal.ca/scopes/2602.pdf>.

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Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Will Wyman
 PO#: 004438-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1934271
 Date Submitted: 2020-07-14
 Date Reported: 2020-07-21
 Project:
 COC #: 210201

Group	Analyte	MRL	Units	Guideline	
General Chemistry	BOD5	1	mg/L		3
	pH	1.00			6.04
	Total Suspended Solids	2	mg/L		<2
Oil and Grease	Oil & Grease - Mineral	1	mg/L		<1
	Oil & Grease - Non-mineral	1	mg/L		<1
	Oil & Grease - Total	1	mg/L		<1
	Visible Sheen		P/A		A

Guideline =

*** = Guideline Exceedence**

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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

Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Will Wyman
 PO#: 004438-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1934271
 Date Submitted: 2020-07-14
 Date Reported: 2020-07-21
 Project:
 COC #: 210201

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 208523 Analysis/Extraction Date 2020-07-21	Analyst C M		
Method SHEEN			
Visible Sheen			
Run No 386283 Analysis/Extraction Date 2020-07-15	Analyst QT		
Method SM2320,2510,4500H/F			
pH		100	90-110
Run No 386307 Analysis/Extraction Date 2020-07-21	Analyst AG		
Method SM 5210B			
BOD5	<1 mg/L	75	75-125
Run No 386333 Analysis/Extraction Date 2020-07-15	Analyst E P		
Method MOE E3421			
Oil & Grease - Mineral	<1 mg/L	101	60-120
Oil & Grease - Non-mineral	<1 mg/L		60-120
Oil & Grease - Total	<1 mg/L	85	60-120
Run No 386348 Analysis/Extraction Date 2020-07-17	Analyst MOS		
Method C SM2540			
Total Suspended Solids	<2 mg/L	97	90-110

Guideline =

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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

Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8

Attention: Mr. Gabe Landry
PO#: 004438-OT

Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1934290
Date Submitted: 2020-07-14
Date Reported: 2020-07-15
Project:
COC #: 210201

Page 1 of 2

Dear Gabe Landry:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:

Steven
Tosh

2020.07.1
5 14:25:38
-04'00'
APPROVAL: _____
Steven Tosh, Operations Manager

All analysis is completed at Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) unless otherwise indicated.

Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) is accredited by CALA, Canadian Association for Laboratory Accreditation to ISO/IEC 17025 for tests which appear on the scope of accreditation. The scope is available at: <http://www.cala.ca/scopes/2602.pdf>.

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Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8
Attention: Mr. Gabe Landry
PO#: 004438-OT
Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1934290
Date Submitted: 2020-07-14
Date Reported: 2020-07-15
Project:
COC #: 210201

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	1504101 Sewage	1504102 Sewage	1504103 Sewage
Microbiology	Faecal Coliforms	0	ct/100mL		2020-07-08 Fox-Main Cycle-Let 2	28	22	23

Guideline =

* = Guideline Exceedence

Results relate only to the parameters tested on the samples submitted

Analytical Method: AMBCOI M1

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

Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8
Attention: Mr. Don Beattie
PO#: 007264-OT
Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1937903
Date Submitted: 2020-09-02
Date Reported: 2020-09-10
Project:
COC #: 210206

Page 1 of 3

Dear Don Beattie:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:

Charlie
Long Qu
2020.09.1
0 18:09:09
-04'00'



APPROVAL:

Long Qu, Organics Supervisor

All analysis is completed at Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) unless otherwise indicated.

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Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Don Beattie
 PO#: 007264-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1937903
 Date Submitted: 2020-09-02
 Date Reported: 2020-09-10
 Project:
 COC #: 210206

Lab I.D.
 Sample Matrix
 Sample Type
 Sampling Date
 Sample I.D.
 1514319
 Sewage
 2020-08-13
 FOX-Main Cycle-Let

Group	Analyte	MRL	Units	Guideline	
General Chemistry	BOD5	1	mg/L		<1
	pH	1.00			6.82
	Total Suspended Solids	2	mg/L		<2
Oil and Grease	Oil & Grease - Mineral	1	mg/L		<1
	Oil & Grease - Non-mineral	1	mg/L		<1
	Oil & Grease - Total	1	mg/L		<1
	Visible Sheen		P/A		A

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

Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Don Beattie
 PO#: 007264-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1937903
 Date Submitted: 2020-09-02
 Date Reported: 2020-09-10
 Project:
 COC #: 210206

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 208523 Analysis/Extraction Date 2020-09-10	Analyst C M		
Method SHEEN			
Visible Sheen			
Run No 388772 Analysis/Extraction Date 2020-09-04	Analyst MOS		
Method C SM2540			
Total Suspended Solids	<2 mg/L	96	90-110
Run No 388842 Analysis/Extraction Date 2020-09-09	Analyst AG		
Method SM 5210B			
BOD5	1 mg/L	80	75-125
Run No 388854 Analysis/Extraction Date 2020-09-04	Analyst A A		
Method MOE E3421			
Oil & Grease - Mineral	<1 mg/L	99	60-120
Oil & Grease - Non-mineral	<1 mg/L		60-120
Oil & Grease - Total	<1 mg/L	100	60-120
Run No 388951 Analysis/Extraction Date 2020-09-08	Analyst QT		
Method SM2320,2510,4500H/F			
pH		100	90-110

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

Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8

Attention: Mr. Don Beattie
PO#: 007264-OT
Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1937946
Date Submitted: 2020-09-02
Date Reported: 2020-09-04
Project:
COC #: 210206

Page 1 of 3

Dear Don Beattie:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:

Steven Tosh

2020.09.04

14:41:01

-04'00'



APPROVAL:

Steven Tosh, Operations Manager

All analysis is completed at Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) unless otherwise indicated.

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Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) is accredited by the Ontario Ministry of Agriculture, Food, and Rural Affairs for specific tests in agricultural soils.

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Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Don Beattie
 PO#: 007264-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1937946
 Date Submitted: 2020-09-02
 Date Reported: 2020-09-04
 Project:
 COC #: 210206

Group	Analyte	MRL	Units	Guideline	Lab I.D.	1514428	1514429	1514430
					Sample Matrix	Sewage	Sewage	Sewage
Microbiology	Faecal Coliforms	0	ct/100mL		Sampling Date Sample I.D.	2020-08-13 FOX-Main Cycle-Let A	2020-08-13 FOX-Main Cycle-Let B	2020-08-13 FOX-Main Cycle-Let C

Guideline =
*** = Guideline Exceedence**

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

Analytical Method: AMBCOLM1

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

Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8

Attention: Mr. Don Beattie
PO#: 007264-OT
Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1937946
Date Submitted: 2020-09-02
Date Reported: 2020-09-04
Project:
COC #: 210206

Sample Comment Summary

Sample ID: 1514428 FOX-Main Cycle-Let A Deviation from standard protocol. All bacteria samples on this report are past hold time.

Guideline =*** = Guideline Exceedence**

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

Analytical Method: AMBCOLM1

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

Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8
Attention: Mr. Don Beattie
PO#: 007264-OT
Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1939704
Date Submitted: 2020-09-30
Date Reported: 2020-10-06
Project:
COC #: 210203

Page 1 of 3

Dear Don Beattie:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:

Charlie
Long Qu
2020.10.0
6 15:28:30
-04'00'



APPROVAL:

Long Qu, Organics Supervisor

All analysis is completed at Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) unless otherwise indicated.

Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) is accredited by CALA, Canadian Association for Laboratory Accreditation to ISO/IEC 17025 for tests which appear on the scope of accreditation. The scope is available at: <http://www.cal.ca/scopes/2602.pdf>.

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Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Don Beattie
 PO#: 007264-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1939704
 Date Submitted: 2020-09-30
 Date Reported: 2020-10-06
 Project:
 COC #: 210203

Group	Analyte	MRL	Units	Guideline	
General Chemistry	BOD5	1	mg/L		10
	pH	1.00			6.65
	Total Suspended Solids	2	mg/L		<2
Oil and Grease	Oil & Grease - Mineral	1	mg/L		<1
	Oil & Grease - Non-mineral	1	mg/L		<1
	Oil & Grease - Total	1	mg/L		<1
	Visible Sheen	A	P/A		A

Guideline =

*** = Guideline Exceedence**

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Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8

Attention: Mr. Don Beattie
 PO#: 007264-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1939704
 Date Submitted: 2020-09-30
 Date Reported: 2020-10-06
 Project:
 COC #: 210203

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 390145 Analysis/Extraction Date 2020-10-05			
Method SM 5210B			
BOD5	<1 mg/L	97	75-125
Run No 390189 Analysis/Extraction Date 2020-09-30			
Method SHEEN			
Visible Sheen			
Run No 390194 Analysis/Extraction Date 2020-10-01			
Method MOE E3421			
Oil & Grease - Mineral	<1 mg/L	104	60-120
Oil & Grease - Non-mineral	<1 mg/L		60-120
Oil & Grease - Total	<1 mg/L	100	60-120
Run No 390256 Analysis/Extraction Date 2020-10-02			
Method C SM2540			
Total Suspended Solids	<2 mg/L	98	90-110
Run No 390263 Analysis/Extraction Date 2020-10-01			
Method SM2320,2510,4500H/F			
pH		99	90-110

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

Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8

Attention: Mr. Don Beattie
PO#: 007264-OT
Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1939731
Date Submitted: 2020-09-30
Date Reported: 2020-10-01
Project:
COC #: 210203

Page 1 of 3

Dear Don Beattie:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:

APPROVAL: _____

Jason Kennedy, Project Manager

Jason
Kennedy
2020.10.0
114:26:45
-04'00'

All analysis is completed at Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) unless otherwise indicated.

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Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Don Beattie
 PO#: 007264-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1939731
 Date Submitted: 2020-09-30
 Date Reported: 2020-10-01
 Project:
 COC #: 210203

Group	Analyte	MRL	Units	Guideline	Lab I.D.	Sample Matrix	Sampling Date	Sample I.D.	1519340 Sewage 2020-09-15 Fox-Main Cycle-Let-A	1519341 Sewage 2020-09-15 Fox-Main Cycle-Let-B	1519342 Sewage 2020-09-15 Fox-Main Cycle-Let-C
Microbiology	Faecal Coliforms	0	ct/100mL		197				193	95	

Guideline =
*** = Guideline Exceedence**

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

Analytical Method: AMBCOLM1

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

Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8
Attention: Mr. Don Beattie
PO#: 007264-OT
Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1939731
Date Submitted: 2020-09-30
Date Reported: 2020-10-01
Project:
COC #: 210203

Sample Comment Summary

Sample ID: 1519340 Fox-Main Cycle-Let-A Deviation from standard protocol. All bacteria samples are past hold time.

Guideline =*** = Guideline Exceedence**

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

Analytical Method: AMBCOLM1

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

Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8
Attention: Mr. Done Beattie
PO#: 007264-OT
Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1941940
Date Submitted: 2020-10-29
Date Reported: 2020-11-05
Project:
COC #: 210210

Page 1 of 3

Dear Done Beattie:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:

Charlie
Long Qu
2020.11.
05
15:59:12
-05'00'



APPROVAL:

Long Qu, Organics Supervisor

All analysis is completed at Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) unless otherwise indicated.

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Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Done Beattie
 PO#: 007264-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1941940
 Date Submitted: 2020-10-29
 Date Reported: 2020-11-05
 Project:
 COC #: 210210

Lab I.D.
 Sample Matrix
 Sample Type
 Sampling Date
 Sample I.D.
 1525327
 Sewage
 2020-10-21
 Fox-Main Cycle-Let

Group	Analyte	MRL	Units	Guideline	
General Chemistry	BOD5	1	mg/L		3
	pH	1.00			6.85
	Total Suspended Solids	2	mg/L		<2
Oil and Grease	Oil & Grease - Mineral	1	mg/L		<1
	Oil & Grease - Non-mineral	1	mg/L		<1
	Oil & Grease - Total	1	mg/L		<1
	Visible Sheen		P/A		A

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

Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Done Beattie
 PO#: 007264-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1941940
 Date Submitted: 2020-10-29
 Date Reported: 2020-11-05
 Project:
 COC #: 210210

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 391519 Analysis/Extraction Date 2020-11-03		Analyst AG	
Method SM 5210B			
BOD5	1 mg/L	85	75-125
Run No 391720 Analysis/Extraction Date 2020-11-02		Analyst N C	
Method MOE E3421			
Oil & Grease - Mineral	<1 mg/L	110	60-120
Oil & Grease - Non-mineral	<1 mg/L		60-120
Oil & Grease - Total	<1 mg/L	105	60-120
Run No 391727 Analysis/Extraction Date 2020-11-02		Analyst QT	
Method SM2320,2510,4500H/F			
pH		101	90-110
Visible Sheen			
Run No 391732 Analysis/Extraction Date 2020-11-03		Analyst MOS	
Method C SM2540			
Total Suspended Solids	<2 mg/L	100	90-110

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

Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8

Attention: Mr. Don Beattie
PO#: 007264-OT
Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1941955
Date Submitted: 2020-10-29
Date Reported: 2020-10-30
Project:
COC #: 210210

Page 1 of 2

Dear Don Beattie:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:

Dragana
Dragana Dzeletovic
Dzeletovic
2020.10.30
10:42:21 -04'00'

APPROVAL: _____
Dragana Dzeletovic-Andric, Microbiology Team Lead

All analysis is completed at Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) unless otherwise indicated.

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Certificate of Analysis

Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Don Beattie
 PO#: 007264-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1941955
 Date Submitted: 2020-10-29
 Date Reported: 2020-10-30
 Project:
 COC #: 210210

Group	Analyte	MRL	Units	Guideline	Lab I.D.	Sample Matrix	Sampling Date	Sample I.D.	1525388	1525389	1525390
Microbiology	Faecal Coliforms	0	ct/100mL		1525388	Sewage	2020-10-21	Fox-Main	1525389	Sewage	1525390

Guideline =
*** = Guideline Exceedence**

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

Analytical Method: AMBCOLM1

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

Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8
Attention: Mr. Don Beattie
PO#: 002160-OT
Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1943638
Date Submitted: 2020-11-25
Date Reported: 2020-12-06
Project:
COC #: 867304

Page 1 of 3

Dear Don Beattie:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:



Rebecca Koshy
2020.12.06
22:00:53 -05'00'

APPROVAL:

Rebecca Koshy, Project Manager

All analysis is completed at Eurofins Environment Testing Canada Inc. (Ottawa, Ontario) unless otherwise indicated.

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Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Don Beattie
 PO#: 002160-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1943638
 Date Submitted: 2020-11-25
 Date Reported: 2020-12-06
 Project:
 COC #: 867304

Group	Analyte	MRL	Units	Guideline	
General Chemistry	BOD5	1	mg/L		3
	pH	1.00			6.97
	Total Suspended Solids	2	mg/L		3
Oil and Grease	Oil & Grease - Mineral	1	mg/L		<1
	Oil & Grease - Non-mineral	1	mg/L		1
	Oil & Grease - Total	1	mg/L		1
	Visible Sheen		P/A		ABSENT

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

Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8

Attention: Mr. Don Beattie
 PO#: 002160-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1943638
 Date Submitted: 2020-11-25
 Date Reported: 2020-12-06
 Project:
 COC #: 867304

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 392904 Analysis/Extraction Date 2020-11-30			
Method SM 5210B			
BOD5	<1 mg/L	87	75-125
Run No 393078 Analysis/Extraction Date 2020-11-27			
Method SM2320,2510,4500H/F			
pH		100	90-110
Run No 393103 Analysis/Extraction Date 2020-12-01			
Method C SM2540			
Total Suspended Solids	<2 mg/L	97	90-110
Run No 393212 Analysis/Extraction Date 2020-12-01			
Method MOE E3421			
Oil & Grease - Mineral	<1 mg/L	60	60-120
Oil & Grease - Non-mineral	<1 mg/L		60-120
Oil & Grease - Total	<1 mg/L	75	60-120
Run No 393442 Analysis/Extraction Date 2020-12-02			
Method SHEEN			
Visible Sheen			

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

Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8

Attention: Mr. Don Beattie
PO#: 007264-OT
Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1943654
Date Submitted: 2020-11-25
Date Reported: 2020-11-26
Project:
COC #: 867304

Page 1 of 3

Dear Don Beattie:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:

Steven

Tosh



2020.11.2

6 13:36:38
-05'00'

APPROVAL:

Steven Tosh, Operations Manager

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Certificate of Analysis

Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Don Beattie
 PO#: 007264-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1943654
 Date Submitted: 2020-11-25
 Date Reported: 2020-11-26
 Project:
 COC #: 867304

Group	Analyte	MRL	Units	Guideline	Lab I.D.	Sample Matrix	Sample Type	Sampling Date	Sample I.D.	1530732 WW 2020-11-06 Fox-Main Cyclet A	1530733 WW 2020-11-06 Fox-Main Cyclet B	1530734 WW 2020-11-06 Fox-Main Cyclet C
Microbiology	Faecal Coliforms	0	ct/100mL							1	1	3

Guideline =
*** = Guideline Exceedence**

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

Analytical Method: AMBCOLM1

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

Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8

Attention: Mr. Don Beattie
PO#: 007264-OT
Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1943654
Date Submitted: 2020-11-25
Date Reported: 2020-11-26
Project:
COC #: 867304

Sample Comment Summary

Sample ID: 1530732 Fox-Main Cyclot A Deviation from standard protocol. All bacteria samples on report are past hold time.

Guideline =*** = Guideline Exceedence**

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

Analytical Method: AMBCOLM1

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

Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8

Attention: Mr. Don Beattie
PO#: 007264-OT
Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1945091
Date Submitted: 2020-12-17
Date Reported: 2020-12-18
Project:
COC #: 210202

Page 1 of 3

Dear Don Beattie:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:

Steven
Tosh

2020.12.1
8 10:54:19
-05'00'

APPROVAL:

Steven Tosh, Operations Manager

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Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Don Beattie
 PO#: 007264-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1945091
 Date Submitted: 2020-12-17
 Date Reported: 2020-12-18
 Project:
 COC #: 210202

Group	Analyte	MRL	Units	Guideline	Lab I.D.	Sample Matrix	Sampling Date	Sample I.D.
Microbiology	Faecal Coliforms	0	ct/100mL		1535111 Sewage 2020-12-03 Fox-Main Cycle-Let A	1535112 Sewage 2020-12-03 Fox-Main Cycle-Let B	1535113 Sewage 2020-12-03 Fox-Main Cycle-Let C	

Guideline =
*** = Guideline Exceedence**

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

Analytical Method: AMBCOLM1

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

Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8

Attention: Mr. Don Beattie
PO#: 007264-OT
Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1945091
Date Submitted: 2020-12-17
Date Reported: 2020-12-18
Project:
COC #: 210202

Sample Comment Summary

Sample ID: 1535111 Fox-Main Cycle-Let A Deviation from standard protocol. All bacteria samples on report are past hold time.

Guideline =*** = Guideline Exceedence**

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

Analytical Method: AMBCOLM1

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

Client: Raytheon Canada Limited Ottawa
400 Cooper St.
Ottawa, ON
K2P 2H8
Attention: Mr. Don Beattie
PO#: 007264-OT
Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1945095
Date Submitted: 2020-12-17
Date Reported: 2020-12-24
Project:
COC #: 210202

Page 1 of 3

Dear Don Beattie:

Please find attached the analytical results for your samples. If you have any questions regarding this report, please do not hesitate to call (613-727-5692).

Report Comments:



Charlie Long Qu
2020.12.24
12:05:44 -05'00'

APPROVAL:

Long Qu, Organics Supervisor

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Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Don Beattie
 PO#: 007264-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1945095
 Date Submitted: 2020-12-17
 Date Reported: 2020-12-24
 Project:
 COC #: 210202

Lab I.D.
 Sample Matrix
 Sample Type
 Sampling Date
 Sample I.D.

1535122
 Sewage
 2020-12-03
 Fox-Main Cycle-Let

Group	Analyte	MRL	Units	Guideline	
General Chemistry	BOD5	1	mg/L		20
	pH	1.00			6.90
	Total Suspended Solids	2	mg/L		<2
Oil and Grease	Oil & Grease - Mineral	1	mg/L		<1
	Oil & Grease - Non-mineral	1	mg/L		<1
	Oil & Grease - Total	1	mg/L		<1
	Visible Sheen		P/A		A

Guideline =

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Client: Raytheon Canada Limited Ottawa
 400 Cooper St.
 Ottawa, ON
 K2P 2H8
 Attention: Mr. Don Beattie
 PO#: 007264-OT
 Invoice to: Raytheon Canada Limited Ottawa

Report Number: 1945095
 Date Submitted: 2020-12-17
 Date Reported: 2020-12-24
 Project:
 COC #: 210202

QC Summary

Analyte	Blank	QC % Rec	QC Limits
Run No 208523 Method SHEEN	Analysis/Extraction Date 2020-12-18	Analyst C M	
Visible Sheen			
Run No 394074 Method C SM2540	Analysis/Extraction Date 2020-12-17	Analyst AET	
Total Suspended Solids	<2 mg/L	100	90-110
Run No 394079 Method SM 5210B	Analysis/Extraction Date 2020-12-22	Analyst AG	
BOD5	<1 mg/L	81	75-125
Run No 394200 Method SM2320,2510,4500H/F	Analysis/Extraction Date 2020-12-18	Analyst QT	
pH		102	90-110
Run No 394440 Method MOE E3421	Analysis/Extraction Date 2020-12-22	Analyst N C	
Oil & Grease - Mineral	<1 mg/L	80	60-120
Oil & Grease - Non-mineral	<1 mg/L		60-120
Oil & Grease - Total	<1 mg/L	75	60-120

Guideline =

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UNCLASSIFIED

SOW Ref: 16.F.5.d

ANNEX D. LOCATION OF BERMED FUEL STORAGE FACILITIES

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

Table D-3: Location of Bermed Fuel Storage Facilities and Date Sampled in 2020

Berm	Location on-site	Discharge Latitude ²	Discharge Longitude	Date
HAL W20B	Beach	68°46'23.93"N	81°12'51.11"W	17-Jun-2020
HAL W20D&E	Airstrip	68°46'15.85"N	81°13'58.33"W	17-Jun-2020
HAL W20F	Beach	68°46'23.75"N	81°12'46.12"W	17-Jun-2020
HAL W22A	Summit	68°45'42.24"N	81°13'25.04"W	17-Jun-2020
HAL W22B	Summit	68°45'43.00"N	81°13'27.27"W	17-Jun-2020

² Final discharge point of bermed fuel storage facility

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SOW Ref: 16.F.5.d

ANNEX E. ANALYSIS OF BERM WATER ³

The berms at FOX-M were sampled using hydrocarbon test strips as per the approved QA/QC Plan for Berm Water Sampling as stated in the water licence 8BC-FOH1929, PART D, Item 11. The photo log of the hydrocarbon test strips is included in pages which follow.

The following documents are enclosed:

1. Hydrocarbon Test Strip Photo Log

³ Effluent from bermed fuel storage facilities.

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UNCLASSIFIED

SOW Ref: 16.F.5.d

Photo Log of Hydrocarbon Test Strips



Photo E 1: Hydrocarbon test strips used in berm of tank W20F (17-Jun-2020)

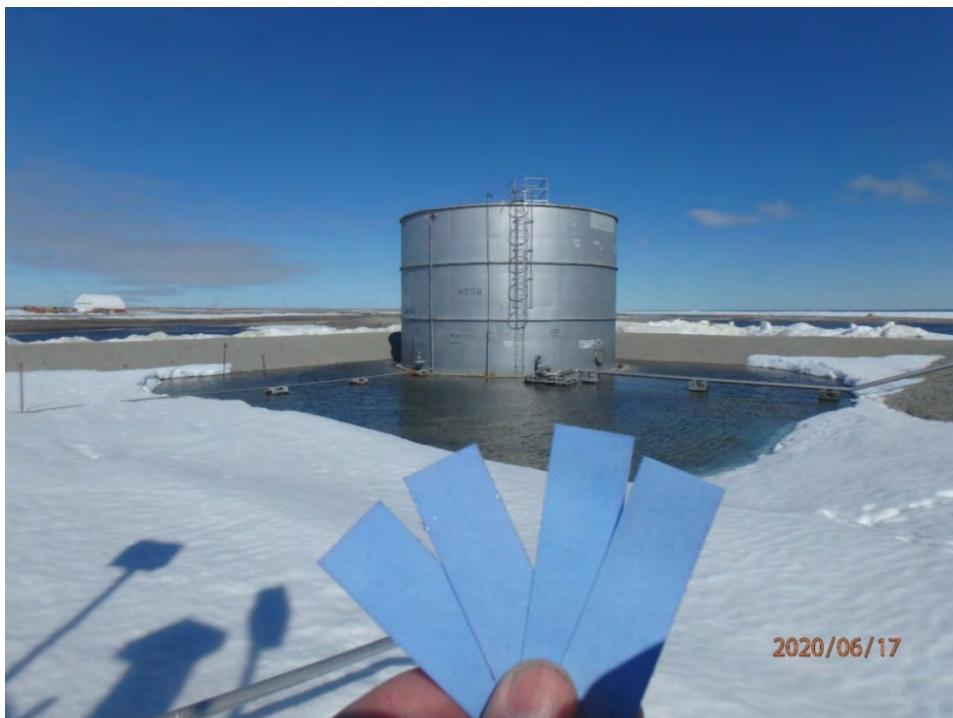


Photo E 2: Hydrocarbon test strips used in berm of tank W20B (17-Jun-2020)

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Document Number: NWB-XL-2020

Rev. No.: 1

Effective Date: 17-Mar-2021

Page: E-2

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UNCLASSIFIED

SOW Ref: 16.F.5.d



Photo E 3: Hydrocarbon test strips used in berm of tank W20D (17-Jun-2020)



Photo E 4: Hydrocarbon test strips used in berm of tank W22A (17-Jun-2020)

UNCONTROLLED WHEN PRINTED



UNCLASSIFIED

SOW Ref: 16.F.5.d



Photo E 5: Hydrocarbon test strips used in berm of tank W22B (17-Jun-2020)

UNCONTROLLED WHEN PRINTED

Document Number: NWB-XL-2020

Rev. No.: 1

Effective Date: 17-Mar-2021

Page: E-4

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