City of Iqaluit 2016 Annual Water Licence Report Executive Summary

Under Water Licence 3AM-IQA1626 (the Licence), the City of Iqaluit (the City):

- Extracts water from Lake Geraldine for municipal use,
 Discharges Landfill run-off from the West 40 Landfill, and
- Discharges wastewater from the West 40 Wastewater Treatment Plant and backup Sewage Lagoon.

This Licence was issued by the Nunavut Water Board (NWB) in 2016 and expires on June 16, 2026. In compliance with requirements of Schedule B of the Licence, this Annual Water Licence Report summarizes the activities conducted by the City in 2016.

Monitoring Program

New monitoring conditions were provided as a part of the new Type 'A' Water Licence issued in 2016. The City is currently developing a monitoring program to meet these conditions.

Water Supply

In 2016, the City estimates that it used 1,249,150 m³ of water from the Lake Geraldine, which is slightly over the allowable quantity of water as specified under the Licence (1,100,000 m³). This can be attributed to the following factors:

- 1. Construction of the Aquatic Centre
- 2. Construction of the Iqaluit Airport
- 3. Water main breaks and leaks

In November 2015, a Dam Safety Inspection (DSI) was completed for the Lake Geraldine Dam. The City is currently developing a Dam Safety Management Plan (in 2018).

City Council approved the Supplementary Water Supply Plan in 2015 to extract water from Niaqunguk (Apex) River. In 2016, the City retained Nunami-Stantec to complete a Fish and Fish Habitat Assessment of the Niaqunguk (Apex) River, Lake Geraldine, and the Lake Geraldine Drainage Channel Fish and Fish Habitat Study of the Apex River. At the time of the assessment in the late summer of 2016, Arctic Char were found in both the Apex River and the Lake Geraldine Drainage Channel.

It was determined that it would not be possible to withdraw sufficient water from the Apex River to meet the City's supplemental water requirements while also meeting Department of Fisheries and Oceans guidelines. Further study was conducted in 2017 to assess the potential of the Sylvia Grinnell River to meet the supplementation needs.

In 2017, the City of Iqaluit began developing a drinking water management plan to ensure the City is using the available drinking water as efficiently as possible and potentially provide overall reductions in the water demand.

Wastewater Treatment

The City has completed the Wastewater Treatment Plant Upgrade/Expansion Feasibility Study. Detailed Design was completed in 2016; however, the cost estimate was significantly over budget. A Value Engineering session was completed in 2017 and a redesign of the Plant commenced.

Solid Waste Management

The City continues to manage its solid waste at the West 40 Landfill, which is nearing capacity. Landfill run-off continues to be managed though on-site detention ponds and an off-site retention pond.

The Landfill run-off originating from the landfill fire in 2014 started treatment in 2015. The on-site pond has completed the first phase of treatment and transferred to the new off-site pond for secondary treatment. In 2016, all run-off originating from the landfill fire was treated, tested and discharged into Koojesse Inlet.

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Water Licence No. 3AM-IQA0611 2016 Annual Report City of Iqaluit

In June 2016, the City of Iqaluit (City) was issued Water Licence number 3AM-IQA1626 (the Licence) by the Nunavut Water Board. This licence was issued for a ten-year period concluding in June 2026. A requirement of the Licence is an annual report due March 31 of each year summarizing activities governed by the Licence for the previous calendar year. In accordance with Schedule B of the Water Licence, this Annual Water Licence Report summarizes the activities conducted by the City of Iqaluit in 2016.

A. The monthly and annual quantities in cubic metres of fresh water withdrawn from the Lake Geraldine Reservoir (Monitoring Station No. IQA-01).

Table 1 summarizes the estimated monthly and annual quantities of water drawn from Lake Geraldine, the City of Iqaluit's raw water source. The total water usage for 2016 was 1,249,150 m³, which slightly exceeds the maximum allowable usage of 1,100,000 m³.

As there are no records for the water taking from Lake Geraldine in 2016, the values shown below for the months of August to December are estimations based on the average usage of identical months in 2015 and 2017.

Table 1. Raw Water Drawn from Lake Geraldine Reservoir (2016)

Month	Volume (m ³)
January	109,700
February	114,100
March	117,600
April	107,000
May	110,000
June	112,400
July	109,200
August	94,000
September	95,000
October	93,650
November	90,650
December	95,850
Total 2016	1,249,150

B. The monthly and annual quantities in cubic metres of any discharges from the Wastewater Treatment Facility (Monitoring Stations No. IQA-02, IQA-04, IQA-08).

Table 2 summarizes the monthly and annual quantities of discharge from the City of Iqaluit's Wastewater Treatment Plant (WWTP) in 2016.

Month Volume (m³) January 88,041 February 99,518 March 103,182 April 93,670 108,755 May June 105,039 July 109,162 August 99,800 87,271 September October 81,757 November 98,445 December 101,867 **Total 2016** 1,176,506

Table 2. Discharge from the Wastewater Treatment Plant (2016)

During periods when the WWTP was shut down for maintenance, raw sewage was diverted to the backup sewage lagoon. The knife gate valve that diverts the sewage to the sewage lagoon is not equipped with a monitoring device; therefore, there were no measurements taken to determine the amount of discharge for the days that the WWTP was not operational. As a result, the amount of discharge for the duration of each shutdown was calculated using average daily discharge rates. The average daily total was determined by averaging the totals from two days before and two days after the shutdown. The dates of each shutdown can be found in Section G.

In January, June, July and October of 2016, repairs and maintenance were required on the Salsnes Filter or other areas. This resulted in the City diverting sewage to the sewage lagoon for 23 days while the City made the necessary repairs.

C. Report generated from Dam Safety Inspections and Dam Safety Reviews and proposed actions to address issues identified and/or updates on continuing actions to address issues.

To address outstanding recommendations related to the Lake Geraldine Dam, the City is currently undertaking the following:

Lake Geraldine Dam Safety

The City is currently developing a Dam Safety Management Plan, which includes:

- Development of an Operation, Management and Surveillance (OMS) Manual;
- Completion of a 2018 Dam Safety Review;
- Completion of a Risk Assessment; and,
- Finalization of an Emergency Preparedness Plan that was initiated in 2012.

This work is expected to be completed by the end of March 2019.

Lake Geraldine Dam Repairs

A Lake Geraldine Dam Repair Project was tendered in late summer 2016. The work was not able to be completed as the tendering process was delayed. The above-water line work was completed during the 2017 construction season.

A separate project to repair the below-water line facilities is currently being tendered, for completion in the summer of 2018.

D. The monthly and annual quantities in cubic metres of sludge removed from the Wastewater Treatment Facility.

Table 3 summarizes the estimated monthly and annual quantities of sewage sludge removed from the City of Iqaluit's WWTP and deposited at a designated area in the West 40 Landfill.

Table 3. Sewage Sludge Removed from the Wastewater Treatment Facility and Deposited at the West 40 Landfill (2016)

Month	Total (m ³)
January	47.6
February	47.6
March	51.0
April	51.0
May	51.0
June	44.2
July	34.0
August	51.0
September	51.0
October	47.6
November	51.0
December	51.0
Total 2016	578.0

The sludge that is removed by the Salsnes Filter in the WWTP falls into a trailer in a room below the primary treatment room. The trailer that is used to catch the sludge from the Salsnes Filter has 3.4 cubic meters of storage and is approximately 100% full each time it is unloaded. The trailer is unloaded at the West 40 Landfill every second day including weekends and holidays. The difference in volume from month to month is due to two different factors: 1) every month doesn't have the same number of days, and 2) during the shutdowns there is no sludge produced because the raw sewage was diverted to the lagoon.

E. The monthly and annual quantities of wastes disposed of at the West 40 Landfill.

Table 4 summarizes the estimated monthly and annual quantities of waste disposed of at the West 40 Landfill.

Table 4. Waste disposed of at the West 40 Landfill (2016)

Month	Total (m ³)
January	423
February	612
March	516
April	517
May	731
June	494
July	525
August	1,229
September	1,165
October	803
November	730
December	353
Total 2016	8,098

F. A summary report which includes all data and information generated under the Monitoring Program, including the QA/QC program, in an electronic and printed formats acceptable to the Board.

In 2016, the City was able to complete limited testing in due to a staffing shortage (outlined below in Table 5). The monitoring results are provided in Appendix A.

Table 5. Summary of 2016 Sampling Conducted

Date	Station	Test	Sample Name	Lab Sample ID
June ??, 2016	IQA-02	F	Sewage Lagoon	B16-17339
September 14, 2016	IQA-02	F	Sewage Lagoon	B16-27659
December 21, 2016	IQA-01	A	Test A – WTP	B17-01198
December 21, 2016	IQA-04	С	Test C – WWTP EFF	B17-01199
December 21, 2016	IQA-06	D	Test D – WWTP SS	B17-01200

In September of 2017, the City implemented a more rigorous testing procedure as required by their water licence.

G. A summary of all construction activities carried out for the facilities.

There were no construction activities conducted with respect to the water licence in 2016.

H. A summary of any modifications and/or major maintenance work carried out at the facilities and any associated structures.

Wastewater Treatment Plant

The following maintenance work was carried out at the WWTP in 2016:

January 13-15: Filter in the Salsnes Filter was replaced.

June 9-12: General maintenance was noted at the facility.

Details are not available.

July 4-14: Filter in the Salsnes Filter was replaced.

October 10-14: General maintenance was noted at the facility.

Details are not available.

During the above listed maintenance work, the WWTP was shut down and the sewage was diverted to the sewage lagoon.

Sewage Receiving Station

In 2016, the sewage receiving area located adjacent to the WWTP at the southeast end of the Iqaluit Airport runway was repaired. The work included rehabilitating the berm surrounding the station, replacing the pipes, and installing a new access vault.

I. A progress report and revisions (if applicable) to any studies requested by the Board that relate to waste management, water use or reclamation and a brief description of any future studies planned by the Licensee including, a non-technical executive summary for the general public, translated into Inuktitut.

Fish and Fish Habitat Assessment

Nunami Stantec was retained to complete a Fish and Fish Habitat Assessment of the Niaqunguk (Apex) River, Lake Geraldine, and the Lake Geraldine Drainage Channel. At the time of the assessment in the late summer of 2016, Arctic Char were found in both the Apex River and the Lake Geraldine Drainage Channel. Further discussions with the Department of Fisheries and Oceans (DFO) identified that it was not possible to withdraw sufficient water from the Niaqunguk (Apex) River to meet the City's supplemental water supply while also meeting DFO's guidelines for water withdrawals in waters supporting fish and fish habitat.

In 2017, the City retained Nunami Stantec to assess the potential of the Sylvia Grinnell River to meet the City's water supplementation needs.

Drinking Water Management Plan

In 2017, the City of Iqaluit initiated a drinking water management plan to ensure the City is using the available drinking water as efficiently as possible. It will not impact the supplementary water supply requirement but may provide overall reductions in the water demand. J. Any revisions required, in the form of addenda, to Plans, Manuals and Reported approved under the Licence.

There are no revisions to the approved Contingency Plans and Operation and Maintenance Manuals.

K. A list and description, including volumes and Spill Report Line Identification Numbers, of all un-authorized discharges, spills and summaries of follow-up action taken.

Table 6 provides a summary of all spills and un-authorized discharges that occurred in 2016, including volumes, Spill Report Line Identification Number (if available) and summaries of the follow-up actions taken. Copies of the spill reports can be found in Appendix B.

L. A summary of any closure and reclamation work undertaken and an outline of any work anticipated for the next year, including any changes to implementation and scheduling.

In 2016, no closure and reclamation work was undertaken. No closure or reclamation work was anticipated for 2017.

M. A summary of actions taken to address concerns or deficiencies listed in the inspection reports and/or compliance reports filed by an Inspector.

No actions were taken to address the concerns and deficiencies listed in the previous inspection reports.

N. A brief update on the implementation plan of all facilities within the scope of this Licence including projected implementation and status of the Upgraded Wastewater Treatment Plant.

Wastewater Treatment Plant Upgrade

The City issued an RFP for detailed design in 2016 and Nunami-Stantec proceeded with the design effort. Following completion of the design in 2017, the cost estimate was significantly over budget. A Value Engineering session was undertaken in July 2017 to bring the scope of the project within budget. Re-design was commenced in late 2017 and completed in early 2018. The project went to tender in April 2018 and was awarded in May 2018. Construction began in June 2018 and is expected to be completed in December 2019.

O. A summary of any studies, reports and plans requested by the Board that related to waste disposal, water use or reclamation and a brief description of any future studies planned.

See Section Labove.

P. Any other details on the use of water or waste disposal requested by the Board by November 1st of the year being reported.

There were no requests made by the Board after November 1, 2015.

Table 6: Spill Repor

Spill Report ID Number	Date (m/d/y)	Location	Description	Volume (m³)	Cause	Follow-up Actions
16-086	03/19/2016	Ivaviik Bldg.	Sewage	Unknown	Broken valve	Frozen sewage was scraped and removed to lagoon. The broken ball valve was replaced.
16-087	03/21/2016	Sewage Lagoon Dump Station	Sewage	Unknown	Sewer trucks unloading too quickly	Frozen sewage was moved to trucks and disposed of at lagoon.
16-088	03/19/2016	Apex Quickstop	Sewage	Unknown	Sewer main clogged with grease and debris	Frozen sewage was moved to trucks and unloaded disposed of at lagoon. Line was blasted and cleared.
16-089	03/18/2016	Northmart	Sewage	Unknown	Broken valve	Frozen sewage was scraped and removed to lagoon. The broken ball valve was replaced.
16-093	03/28/2016	House 588	Sewage	Unknown	Clogged/collapsed line	A/V was cleaned out and a camera was used to determine cause of backflow. The line was cleaned out. The sewage was removed and disposed of at the lagoon.
16-115	12/04/2016	Northmart/ House 643	Sewage	Unknown	Sewer line plugged/manhole overflowed behind House 643	Location of the spill at 643 was unable to accessed with equipment for clean up right away. Sewer lines were flushed and spill areas were temporarily bermed with snow. Sewage at both locations was allowed to freeze and then cleaned up and disposed of at the sewage lagoon.
Unknown	01/13/2016	Nipisa Street (MH 37)	Sewage/ Water	Unknown	Water main break in MH 37	Sewer trucks were used to pump flow that lift station #2 could not handle. Lines were blasted between lift stations #1 and #2 to remove obstructions. The sewage was removed and disposed of at the lagoon. Water main was then closed for repair.
Unknown	01/19/2016	Sinaa Street (MH 13)	Sewage	Unknown	Sewer main clogged with rags and grease	Sewer main was blasted between MHs 12 and 13. The sewage was removed and disposed of at the lagoon.
Unknown	07/13/16	Lift Station 1	Sewage	Unknown	Power failure to lift pump	The lift pump was unable to be brought back online for 2 hours. The sewage was discharged to the bay.
Unknown	07/23/2016	Northmart	Sewage	30L	Sewer line clogged with rags	Manhole was cleaned out. All of the debris and sewage was removed and disposed of at the lagoon.
Unknown	11/08/2016	Bldg. 541	Sewage	50L	Debris in A/V	Manhole was cleaned out. All of the debris and sewage was removed and disposed of at the lagoon.
Unknown	08/06/2016	Sewage Lagoon Dump Station	Sewage	10L	Frozen pipe	Sewage pumping was stopped until the pipe was thawed.

Appendix A – Monitoring Results

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QUOTATION FOR ANALYTICAL SERVICES

Quote #:

YD16_lqaluit_F

Organization:

City of Iqaluit

Contact:

Paul Clow

Telephone:

867-979-6363 Ex233

Facsimile:

Email:

p.clow@city.iqaluit.nu.ca

Project #:

TEST F(Sewage Lagoon)
City Of Iqaluit Box 460 Iqaluit, NU

Address: Additional Info:

QUOTE # ('S) MUST BE ON C OF C TO APPLY if not listed, General pricing will be applied.

Additional Info:

Date:

2-Mar-16

Valid Until:

31-Dec-16

Item #	Quantity	Analysis Request	Matrix	Unit Cost, \$	Amount, \$
1	1	BOD	WW	27.00	27.00
2	1	Total Coliforms/Fecal Coliforms	WW	28.00	28.00
3	1	Ammonia Nitrogen, N02/N03	WW	27.00	27.00
4	1	Total Phosphorus	WW	16.00	16.00
5	1	Conductivity	WW	8.50	8.50
6	1	Orthophosphate	WW	16.00	16.00
7	1	TSS	WW	16.00	16.00
8	1	Full Metals	WW	53.50	53.50
9	1	pH	WW	8.50	8.50
9	1	Ottawa Airport Pick up		25.00	25.00
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Prices do not include shipping unless otherwise stated.

Environmental Surcharge of \$1.50 per sample set

Kim Byers

Customer Service Representative

Caduceon Environmental Laboratories

kbyers@caduceonlabs.com

Cell: 613-453-0964 Office 544-2001 Ex 222



Final Report

C.O.C.: G64366 **REPORT No. B16-17339**

Report To:

City of Iqaluit PO Box 460,

Igaluit NU X0A 0H0 **Attention:** Pat Wolfe

DATE RECEIVED: 21-Jun-16 DATE REPORTED: 04-Jul-16 SAMPLE MATRIX: Waste Water **Caduceon Environmental Laboratories**

2378 Holly Lane

Ottawa Ontario K1V 7P1 Tel: 613-526-0123 Fax: 613-526-1244

JOB/PROJECT NO.: Test F

P.O. NUMBER: 460 WATERWORKS NO.

			Client I.D.		Sewage Lagoon		
			Sample I.D.		B16-17339-1		
			Date Collecte	ed			
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
BOD	mg/L	3	SM 5210B	27-Jun-16/O	27		
pH @25°C	pH Units		SM 4500H	21-Jun-16/O	7.37		
Conductivity @25°C	µmho/cm	1	SM 2510B	14-Jun-16/O	243		
Total Suspended Solids	mg/L	3	SM 2540D	22-Jun-16/O	23		
Nitrite (N)	mg/L	0.1	SM4110C	21-Jun-16/O	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	21-Jun-16/O	< 0.1		
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	23-Jun-16/O	13.4		
o-Phosphate (P)	mg/L	0.01	MOEE 3366	23-Jun-16/O	1.12		
Phosphorus-Total	mg/L	0.01	MOEE 3367	24-Jun-16/O	1.84		
Aluminum	mg/L	0.01	SM 3120	22-Jun-16/O	0.13		
Antimony	mg/L	0.0005	EPA 200.8	22-Jun-16/O	< 0.0005		
Arsenic	mg/L	0.0005	EPA 200.8	22-Jun-16/O	< 0.0005		
Barium	mg/L	0.001	SM 3120	22-Jun-16/O	0.011		
Beryllium	mg/L	0.002	SM 3120	22-Jun-16/O	< 0.002		
Bismuth	mg/L	0.02	SM 3120	22-Jun-16/O	< 0.02		
Boron	mg/L	0.005	SM 3120	22-Jun-16/O	0.032		
Cadmium	mg/L	0.005	SM 3120	22-Jun-16/O	< 0.005		
Calcium	mg/L	0.02	SM 3120	22-Jun-16/O	11.8		
Chromium	mg/L	0.002	SM 3120	22-Jun-16/O	< 0.002		
Cobalt	mg/L	0.005	SM 3120	22-Jun-16/O	< 0.005		
Copper	mg/L	0.002	SM 3120	22-Jun-16/O	0.078		
Iron	mg/L	0.005	SM 3120	22-Jun-16/O	0.873		
Lead	mg/L	0.02	SM 3120	22-Jun-16/O	< 0.02		
Lithium	mg/L	0.01	SM 3120	22-Jun-16/O	< 0.01		
Magnesium	mg/L	0.01	SM 3120	22-Jun-16/O	2.44		
Manganese	mg/L	0.001	SM 3120	22-Jun-16/O	0.065		
Molybdenum	mg/L	0.01	SM 3120	22-Jun-16/O	< 0.01		

NOTE: Date collected not provided by client on submission form.

R.L. = Reporting Limit

Test methods may be modified from specified reference method unless indicated by an * Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill

Greg Clarkin, BSc., C. Chem Lab Manager - Ottawa District



Final Report

C.O.C.: G64366 **REPORT No. B16-17339**

Report To:

City of Iqaluit PO Box 460,

Igaluit NU X0A 0H0 **Attention:** Pat Wolfe

DATE RECEIVED: 21-Jun-16

DATE REPORTED: 04-Jul-16 SAMPLE MATRIX: Waste Water **Caduceon Environmental Laboratories**

2378 Holly Lane

Ottawa Ontario K1V 7P1 Tel: 613-526-0123 Fax: 613-526-1244

JOB/PROJECT NO.: Test F

P.O. NUMBER: 460

WATERWORKS NO.

			Client I.D.		Sewage Lagoon		
			Sample I.D.		B16-17339-1		
			Date Collecte	ed			
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Nickel	mg/L	0.01	SM 3120	22-Jun-16/O	< 0.01		
Potassium	mg/L	0.1	SM 3120	22-Jun-16/O	4.5		
Silicon	mg/L	0.01	SM 3120	22-Jun-16/O	0.81		
Silver	mg/L	0.005	SM 3120	22-Jun-16/O	< 0.005		
Sodium	mg/L	0.2	SM 3120	22-Jun-16/O	12.3		
Strontium	mg/L	0.001	SM 3120	22-Jun-16/O	0.038		
Tin	mg/L	0.05	SM 3120	22-Jun-16/O	< 0.05		
Titanium	mg/L	0.005	SM 3120	22-Jun-16/O	0.005		
Uranium	mg/L	0.0003	EPA 200.8	22-Jun-16/O	0.0004		
Vanadium	mg/L	0.005	SM 3120	22-Jun-16/O	< 0.005		
Zinc	mg/L	0.005	SM 3120	22-Jun-16/O	0.056		
Total Coliform	cfu/100mL	1	MOE E3371	21-Jun-16/O	2700000		
Fecal Coliform	cfu/100mL	1	MOE E3371	21-Jun-16/O	15000		

NOTE: Date collected not provided by client on submission form.

R.L. = Reporting Limit

Test methods may be modified from specified reference method unless indicated by an * Site Analyzed=K-Kingston, W-Windsor, O-Ottawa, R-Richmond Hill

Greg Clarkin, BSc., C. Chem Lab Manager - Ottawa District

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C	ADUCE	N	O.Reg Surfac	e Soil	Table Sub Surfa			(O.Reg	1 151	☐ o.	SA Guid Reg 558 sposal S	3 Leacl	hate Ar	nalysis			50	3	L 1.	4.1	6 50
	ENVIRONMENTAL LABORATORIES Client committed. Quality a	ssured.		icial Water Quality (Jonaillo	JII	(O.Reg	, 155)		ndfill M	CONT. 10 TH			4	D	11		7	11	50
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Ar	e any samples to be submitted intended for Human C					9.0												king Water		Custody)	
	Indicate Laboratory Samples			King	gston	7	Ottaw			Richm				N		or		Lond		IND CEDV	ICE
Organi	zation: Address and Invoic		. The commission of the commis			0)	AN	IALYSES	REQUI	STED	(Print	Test	in Box	es)	Γ	l			JND SERV (see back	
Contact	Pat Wolfe Iq	30x	[nu	9		or a rate	14										y Contaminated	Plati	num I	200% Sur 100% Sur 50% Surc	charge**
Fax:	Quote No.: Y 0 16, J P.O. No.: 46	galui	Project Nar Additional	ne: est	F	[0G] > 0	3										Suspected Highly		nze idard ific Date:	25% Surc 5-7 days	harge
Wol	Festy Into Inach 460		ater. SW=Surf	face Water. GW=G	roundwater. LS=			ie. SS=S	olid Sluda	e. S=So	il. Sed=	Sedim	ent. P	C=Pair	nt Chip	s. F=F		il = Oil			
Lab	Complement asgerta		Sample	Date Collected	Time				Indica	te Test	For Eac	h Sam	ple				V	F	ield	# Bottles/	Field
No:	Sample Identification	S.P.L.	Matrix *	(yy-mm-dd)	Collected			Ву	/ Using A	Check M	ark In T	he Box	Provi	ded	1	T	V	pН	Temp.	Sample	Filtered(Y/N)
	Soware Lagoon		ww	30000	· q An	-	5.	ee	A+-	ta	th	e	4	F	10	n				5	
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	SAMPLE SUBMISSION INFORMATION		SI	HIPPING INFORM	IATION	RE	EPOR	TING / II	NVOICING	5		SAM	PLE F	RECEI	VING I	NFOR	MATIC	ON (LABOR	RATORY (JSE ONLY)
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Sign:	Patwolfe Patwo	k	Drop Off		# of Pieces			y Email		and the last	oratory	No. V	C50,407 (c)	140000		7	Yes		No	1000	
	16 00 13 9 AN 16 00 13 9 Date (yy-mm-dd) Time: Date (yy-mm-dd)	Arc I)/Time:	Caduceon	(Pick-up)		Invo	oice by	y Mail		San	ple Te	mpera	ature °	C: Z	0,	5		Labeled k	oy:		
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	White: Lab Copy / Yellow: Invoicing Copy / Pink: Client Copy				CofC, Nov. 20	15, Rev	vision N	No: 19					1	N	b						



QUOTATION FOR ANALYTICAL SERVICES

Quote #:

YD16 Iqaluit F

Organization:

City of Iqaluit

Contact:

Paul Clow

Telephone:

867-979-6363 Ex233

Facsimile:

Email:

p.clow@city.iqaluit.nu.ca

Project #: Address: TEST F(Sewage Lagoon)

Additional Info:

City Of Iqaluit Box 460 Iqaluit, NU QUOTE # ('S) MUST BE ON C OF C TO APPLY if not listed, General pricing will be applied.

Additional Info:

Date: 2-Mar-16

Valid Until:

31-Dec-16

item #	Quantity	Analysis Request	Matrix	Unit Cost, \$	Amount, \$
1	1	BOD	ww	27.00	27.00
2	1	Total Coliforms/Fecal Coliforms	ww	28.00	28.00
3	1	Ammonia Nitrogen, N02/N03	ww	27.00	27.00
4	1	Total Phosphorus	ww	16.00	16.00
5	1	Conductivity	ww	8.50	8.50
6	1	Orthophosphate	ww	16.00	16.00
7	1	TSS	ww	16.00	16.00
8	1	Full Metals	ww	53.50	53.50
9	1	pH	ww	8.50	8.50
9	1	Ottawa Airport Pick up		25.00	25.00
					225 52

Prices do not include shipping unless otherwise stated.

Environmental Surcharge of \$1.50 per sample set

Kim Byers

Customer Service Representative

Caduceon Environmental Laboratories

kbyers@caduceonlabs.com

Cell: 613-453-0964 Office 544-2001 Ex 222



Final Report

C.O.C.: G64932 REPORT No. B16-27659

Report To:

City of Iqaluit PO Box 460,

Iqaluit NU X0A 0H0
Attention:
Pat Wolfe

DATE RECEIVED: 14-Sep-16
DATE REPORTED: 20-Sep-16

SAMPLE MATRIX: Waste Water

Caduceon Environmental Laboratories

2378 Holly Lane

Ottawa Ontario K1V 7P1 Tel: 613-526-0123 Fax: 613-526-1244

JOB/PROJECT NO.: Test F

P.O. NUMBER: 460 WATERWORKS NO.

			Client I.D.		Sewage		
			0		Lagoon		
			Sample I.D.		B16-27659-1		
			Date Collecte	ed	13-Sep-16		
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
BOD	mg/L	3	SM 5210B	15-Sep-16/O	36		
pH @25°C	pH Units		SM 4500H	15-Sep-16/O	7.47		
Conductivity @25°C	µmho/cm	1	SM 2510B	15-Sep-16/O	307		
Total Suspended Solids	mg/L	3	SM 2540D	19-Sep-16/O	44		
Nitrite (N)	mg/L	0.1	SM4110C	14-Sep-16/O	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	14-Sep-16/O	0.1		
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	15-Sep-16/O	12.7		
o-Phosphate (P)	mg/L	0.01	MOEE 3366	15-Sep-16/O	0.98		
Phosphorus-Total	mg/L	0.01	MOEE 3367	16-Sep-16/O	1.94		
Aluminum	mg/L	0.01	SM 3120	15-Sep-16/O	0.07		
Antimony	mg/L	0.0005	EPA 200.8	15-Sep-16/O	< 0.0005		
Arsenic	mg/L	0.0005	EPA 200.8	15-Sep-16/O	< 0.0005		
Barium	mg/L	0.001	SM 3120	15-Sep-16/O	0.012		
Beryllium	mg/L	0.002	SM 3120	15-Sep-16/O	< 0.002		
Bismuth	mg/L	0.02	SM 3120	15-Sep-16/O	< 0.02		
Boron	mg/L	0.005	SM 3120	15-Sep-16/O	0.063		
Cadmium	mg/L	0.005	SM 3120	15-Sep-16/O	< 0.005		
Calcium	mg/L	0.02	SM 3120	15-Sep-16/O	22.7		
Chromium	mg/L	0.002	SM 3120	15-Sep-16/O	< 0.002		
Cobalt	mg/L	0.005	SM 3120	15-Sep-16/O	< 0.005		
Copper	mg/L	0.002	SM 3120	15-Sep-16/O	0.075		
Iron	mg/L	0.005	SM 3120	15-Sep-16/O	1.02		
Lead	mg/L	0.02	SM 3120	15-Sep-16/O	< 0.02		
Lithium	mg/L	0.01	SM 3120	15-Sep-16/O	< 0.01		
Magnesium	mg/L	0.01	SM 3120	15-Sep-16/O	4.18		
Manganese	mg/L	0.001	SM 3120	15-Sep-16/O	0.146		
Molybdenum	mg/L	0.01	SM 3120	15-Sep-16/O	< 0.01		

R.L. = Reporting Limit

Test methods may be modified from specified reference method unless indicated by an * Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill

Greg Clarkin , BSc., C. Chem Lab Manager - Ottawa District



Final Report

C.O.C.: G64932 REPORT No. B16-27659

Report To:

City of Iqaluit PO Box 460,

Iqaluit NU X0A 0H0

Attention: Pat Wolfe

DATE RECEIVED: 14-Sep-16

DATE REPORTED: 20-Sep-16
SAMPLE MATRIX: Waste Water

Caduceon Environmental Laboratories

2378 Holly Lane

Ottawa Ontario K1V 7P1

Tel: 613-526-0123 Fax: 613-526-1244

JOB/PROJECT NO.: Test F

P.O. NUMBER: 460

WATERWORKS NO.

			Client I.D.		Sewage Lagoon		
					B16-27659-1		
			Date Collect	ed	13-Sep-16		
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed		•	
Nickel	mg/L	0.01	SM 3120	15-Sep-16/O	< 0.01		
Potassium	mg/L	0.1	SM 3120	15-Sep-16/O	7.6		
Silicon	mg/L	0.01	SM 3120	15-Sep-16/O	0.75		
Silver	mg/L	0.005	SM 3120	15-Sep-16/O	< 0.005		
Sodium	mg/L	0.2	SM 3120	15-Sep-16/O	21.1		
Strontium	mg/L	0.001	SM 3120	15-Sep-16/O	0.066		
Tin	mg/L	0.05	SM 3120	15-Sep-16/O	< 0.05		
Titanium	mg/L	0.005	SM 3120	15-Sep-16/O	< 0.005		
Uranium	mg/L	0.0003	EPA 200.8	15-Sep-16/O	0.0003		
Vanadium	mg/L	0.005	SM 3120	15-Sep-16/O	< 0.005		
Zinc	mg/L	0.005	SM 3120	15-Sep-16/O	0.033		
Total Coliform	cfu/100mL	1	MOE E3371	14-Sep-16/O	39000		
Fecal Coliform	cfu/100mL	1	MOE E3371	14-Sep-16/O	2100		

R.L. = Reporting Limit

Test methods may be modified from specified reference method unless indicated by an * Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill

Greg Clarkin , BSc., C. Chem Lab Manager - Ottawa District

	4	TESTING REQUIREMENTS	REPORT NUMBER (Lab Na)
CADUCE N° ENVIRONMENTAL LABORATORIES Client committed. Quality assured.	O.Reg 153 Surface Soil Yes No Record of Site Provincial Water Quality Objectives Sewer Use By-Law:	Condition (O.Reg 153) Disposal Site: Landfill Monitoring Other:	Jan 13.17
Are any samples to be submitted intended for Human Consumption		Yes No (If yes, submit all Drinking Water Samples of	
Indicate Laboratory Samples are subm		Ottawa Richmond Hill Windsor	
Organization: X CTY OF 16Az ST Address and Invoicing Addres PO BO	s (if different) × 460	ANALYSES REQUESTED (Print Test in Boxes)	TURNAROUND SERVICE X REQUESTED (see back page)
Contact: X RICHARD SPARYAM LATELY Tel: X SLET 996363 8 559 Fax: Quote No.:		4 7 0	Platinum 200% Surcharge** Gold 100% Surcharge Silver 50% Surcharge Bronze 25% Surcharge
Email: Y Sparlan @ P.O. No.:	Project Name: Won TORING TEY Additional Info:	- 12 12 12 12 12 12 12 12 12 12 12 12 12	Bronze 25% Surcharge Standard 5-7 days Specific Date:
164 17 th M*Sample Natrix Legend: WW=Waste V	I Vater, SW=Surface Water, GW=Groundwater, LS	-Liquid Sludge, SS=Solid Sludge, S=Soil, Sed=Sediment, PC=Paint Chips,	
Lab	Sample Date Collected Time	Indicate Test For Each Sample	Field #Bottles/ Field
No: Sample Identification S.P.L.	Matrix* 4(yy-mm-dd) Collected	By Using A Black Mark In The Box Posider	pH Temp. Sample Filtered(Y/N)
1. TESTA - WTP.	DW 16-12-21 0820	× DIT'UII	6 N
TEST C - WWTP EFF	WW 16-12-21 6845	X	5 2
TEST D-WUTPSS	55 16-12-21 0900	X	2 N
CLIENT NOTIFIED	BACTERIA		
WILL NOT BE KUN			
HOLDING Time	1 1 1 3 3 1 1		
[JOEDHAO] THE	Pin Jan 13.17	16:05	
CAMPLE CURMICCION INFORMATION	✓ SHIPPING INFORMATION	REPORTING / INVOICING SAMPLE RECEIVING INF	FORMATION (LABORATORY USE ONLY)
SAMPLE SUBMISSION INFORMATION	1 > -		
Sampled by: Submitted by:	Client's Courier Invoice		
Print: R. SPARHAM. R. SPARHAM	Caduceon's Courier # of Pieces	Report by Email Invoice by Email Laboratory Prepared Bottles:	7 7 7 7 7 7 7 7 7 7
Sign: 16-12-21 16-12-21	Drop Off # of Pieces Caduceon (Pick-up)	Invoice by Mail	
Date (yy-mm-dd)/Time: Date (yy-mm-dd)/Time:	0.04.0	Sample Temperature °C: LQ 8	Labeled by:
CALL FOR	rick Dt.	32	G 63691
White: Lab Copy / Yellow: Invoicing Copy / Pink: Client Copy	CofC, Nov. 2	115, Revision No: 19 20QC+	A.



QUOTATION FOR ANALYTICAL SERVICES

Quote #:

YD16_lqaluit_A

Organization:

City of Iqaluit

Contact:

Paul Clow

Telephone:

867-979-6363 Ex233

Facsimile:

Email:

p.clow@city.iqaluit.nu.ca

Project #:

TEST A (WTP)

Address:

City Of Igaluit Box 460 Igaluit, NU

Additional Info:

QUOTE # ('S) MUST BE ON C OF C TO APPLY if not listed, General pricing will be applied.

Additional Info:

Date: 2-Mar-16

Valid Until: 31-Dec-16

Item #	Quantity	Analysis Request	Matrix	Unit Cost, \$	Amount, \$
1	1	Acidity (Subcontracted)	DW	30.50	30.50
2	1	Alkalinity	DW	13.00	13.00
3	1	Bicarbonate/ Carbonate	DW	16.00	16.00
4	1	Chloride/Sulphate	DW	21.50	21.50
5	1	Conductivity	DW	8.50	8.50
6	1	Total Hardness	DW	16.00	16.00
7	1	Hydroxide	DW	13.50	13.50
8	1	Redox Potential (Subcontracted)	DW	8.50	8.50
9	1	TDS	DW	16.00	16.00
10	1	TSS	DW	16.00	16.00
11	1	TOC	DW	21.50	21.50
12	1	TIC	DW	21.50	21.50
13	1	Total ICP Metals	DW	53.50	53.50
14	1	Dissolved ICP Metals	DW	53.50	53.50
15	1	Fecal Coliforms	DW.	14.00	14.00
16	1	pH	DW	8.50	8.50
17	1	Turbidity	DW	13.00	13.00
18	11	Ottawa Airport Pick Up		25.00	25.00
o not include shippin	g unless otherwise state	d.		Subtotal	370.00
	~	• •		1	40.40

Environmental Surcharge of \$1.50 per sample set

| Subtotal | 370.00 | HST | 48.10 | Total Cost | 418.10 |

Kim Byers

Customer Service Representative

Caduceon Environmental Laboratories

kbyers@caduceonlabs.com

Cell: 613-453-0964 Office 544-2001 Ex 222



Final Report

C.O.C.: G63691 **REPORT No. B17-01198**

City of Iqaluit

Report To:

PO Box 460, Iqaluit NU X0A 0H0

Attention: Richard Sparham

DATE RECEIVED: 13-Jan-17 DATE REPORTED: 27-Jan-17

SAMPLE MATRIX: Drinking Water

Caduceon Environmental Laboratories

2378 Holly Lane

Ottawa Ontario K1V 7P1 Tel: 613-526-0123 Fax: 613-526-1244

JOB/PROJECT NO.: Test A (WTP)

P.O. NUMBER: WATERWORKS NO.

			Client I.D.		WTP Test A		
			Sample I.D.		B17-01198-1		
			Date Collected		21-Dec-16		
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed		1	1
Hardness (as CaCO3)	mg/L	1	SM 3120	16-Jan-17/O	11		
Acidity (as CaCO3)	mg/L	1	Subcontract	27-Jan-17	5 1		
Alkalinity(CaCO3) to pH4.5	mg/L	5	SM 2320B	16-Jan-17/O	9		
Carbonate (as CaCO3)	mg/L	5	SM 2320B	16-Jan-17/O	< 5		
Bicarbonate(as CaCO3)	mg/L	5	SM 2320B	16-Jan-17/O	9		
Hydroxide	mg/L	5	EPA 310.2	16-Jan-17/O	< 5		
pH @25°C	pH Units		SM 4500H	16-Jan-17/O	6.60		
Chloride	mg/L	0.5	SM4110C	13-Jan-17/O	0.6		
Sulphate	mg/L	1	SM4110C	13-Jan-17/O	2		
Conductivity @25°C	µmho/cm	1	SM 2510B	16-Jan-17/O	29		
Total Suspended Solids	mg/L	3	SM 2540D	19-Jan-17/O	< 3		
TDS (Calc. from Cond.)	mg/L		Calc.	17-Jan-17	19		
Turbidity	NTU	0.1	SM 2130	18-Jan-17/O	0.4		
REDOX potential	mV		Subcontract	27-Jan-17	239 1		
Calcium	mg/L	0.02	SM 3120	16-Jan-17/O	3.21		
Magnesium	mg/L	0.01	SM 3120	16-Jan-17/O	0.70		
Sodium	mg/L	0.2	SM 3120	16-Jan-17/O	0.7		
Potassium	mg/L	0.1	SM 3120	16-Jan-17/O	0.1		
Aluminum	mg/L	0.01	SM 3120	16-Jan-17/O	< 0.01		
Antimony	mg/L	0.0001	EPA 200.8	17-Jan-17/O	0.0001		
Arsenic	mg/L	0.0001	EPA 200.8	17-Jan-17/O	< 0.0001		
Barium	mg/L	0.001	SM 3120	16-Jan-17/O	0.001		
Beryllium	mg/L	0.002	SM 3120	16-Jan-17/O	< 0.002		
Bismuth	mg/L	0.02	SM 3120	16-Jan-17/O	< 0.02		
Boron	mg/L	0.005	SM 3120	16-Jan-17/O	< 0.005		
Cadmium	mg/L	0.00002	EPA 200.8	17-Jan-17/O	< 0.00002		
Chromium	mg/L	0.002	SM 3120	16-Jan-17/O	< 0.002		

R.L. = Reporting Limit

Test methods may be modified from specified reference method unless indicated by an * Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill



Final Report

C.O.C.: G63691 **REPORT No. B17-01198**

City of Iqaluit PO Box 460,

Report To:

Iqaluit NU X0A 0H0

Attention: Richard Sparham

DATE RECEIVED: 13-Jan-17

DATE REPORTED: 27-Jan-17 SAMPLE MATRIX: Drinking Water **Caduceon Environmental Laboratories**

2378 Holly Lane

Ottawa Ontario K1V 7P1 Tel: 613-526-0123

Fax: 613-526-1244

JOB/PROJECT NO.: Test A (WTP)

P.O. NUMBER:

WATERWORKS NO.

		ſ	Client I.D.		WTP Test A		
			Sample I.D.		B17-01198-1		
			Date Collecte	ed	21-Dec-16		
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			•
Cobalt	mg/L	0.005	SM 3120	16-Jan-17/O	< 0.005		
Copper	mg/L	0.002	SM 3120	16-Jan-17/O	0.005		
Iron	mg/L	0.005	SM 3120	16-Jan-17/O	0.014		
Lead	mg/L	0.00002	EPA 200.8	17-Jan-17/O	< 0.00002		
Lithium	mg/L	0.01	SM 3120	16-Jan-17/O	< 0.01		
Manganese	mg/L	0.001	SM 3120	16-Jan-17/O	0.007		
Molybdenum	mg/L	0.01	SM 3120	16-Jan-17/O	< 0.01		
Nickel	mg/L	0.01	SM 3120	16-Jan-17/O	< 0.01		
Silicon	mg/L	0.01	SM 3120	16-Jan-17/O	0.47		
Silver	mg/L	0.00002	EPA 200.8	17-Jan-17/O	< 0.00002		
Strontium	mg/L	0.001	SM 3120	16-Jan-17/O	0.008		
Tin	mg/L	0.05	SM 3120	16-Jan-17/O	< 0.05		
Titanium	mg/L	0.005	SM 3120	16-Jan-17/O	< 0.005		
Uranium	mg/L	0.00005	EPA 200.8	17-Jan-17/O	< 0.00005		
Vanadium	mg/L	0.005	SM 3120	16-Jan-17/O	< 0.005		
Zinc	mg/L	0.005	SM 3120	16-Jan-17/O	< 0.005		
Total Organic Carbon	mg/L	0.2	EPA 415.1	16-Jan-17/O	1.6		
TIC	mg/L	0.5	EPA 415.1	16-Jan-17/O	2.3		
Anion Sum	meq/L		Calc.	16-Jan-17/O	0.242		
Cation Sum	meq/L		Calc.	16-Jan-17/O	0.252		
% Difference	%		Calc.	16-Jan-17/O	2.08		
Ion Ratio	AS/CS		Calc.	16-Jan-17/O	0.959		
Sodium Adsorption Ratio	-		Calc.	16-Jan-17/O	0.092		
TDS(ion sum calc.)	mg/L		Calc.	16-Jan-17/O	13		
Conductivity (calc.)	µmho/cm		Calc.	16-Jan-17/O	26		
TDS(calc.)/EC(actual)	-		Calc.	16-Jan-17/O	0.454		
EC(calc.)/EC(actual)	-		Calc.	16-Jan-17/O	0.921		

R.L. = Reporting Limit

Test methods may be modified from specified reference method unless indicated by an *

Site Analyzed=K-Kingston, W-Windsor, O-Ottawa, R-Richmond Hill



Final Report

C.O.C.: G63691 REPORT No. B17-01198

Report To:

City of Iqaluit PO Box 460,

Iqaluit NU X0A 0H0

Attention: Richard Sparham

DATE RECEIVED: 13-Jan-17

DATE REPORTED: 27-Jan-17

SAMPLE MATRIX: Drinking Water

Caduceon Environmental Laboratories

2378 Holly Lane

Ottawa Ontario K1V 7P1 Tel: 613-526-0123

Fax: 613-526-1244

JOB/PROJECT NO.: Test A (WTP)

P.O. NUMBER:

WATERWORKS NO.

			Client I.D.		WTP Test A		
			Sample I.D.		B17-01198-1		
		Date Collect	ed	21-Dec-16			
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Langelier Index(25°C)	S.I.		Calc.	,			

¹ subcontracted to Testmark Labs.

R.L. = Reporting Limit

Test methods may be modified from specified reference method unless indicated by an * Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill

Gord Murphy

		4	TESTING REQUIREMENTS REPORT NUMBER (Lab No.)
	ADUCENVIRONMENTAL LABORATORIES Client committed. Quality assured.	O.Reg 153 Surface Soil Surface Soil Surface Soil OREG To Sub Surface Sub Sub Surface Sub Surface Sub Surface Sub Surface Sub Sub Sub Surface Sub Sub Sub Sub Surface Sub Sub Sub Sub Sub Surface Sub Sub Sub Surface Sub Sub Sub Sub Sub Surface Sub	ondition (O.Reg 153)
Are	e any samples to be submitted intended for Human Consumptio		Yes No (If yes, submit all Drinking Water Samples on a Drinking Water Chain of Custody)
0	Indicate Laboratory Samples are subm		Ottawa Richmond Hill Windsor London ANALYSES REQUESTED (Print Test in Boxes) TURNAROUND SERVICE
Organiz X C		× 460	REQUESTED (see back page)
Contac Tel:	LICHARD SPARMAN 16ther LET 979 6363 8259 KOA	TNA	Platinum 200% Surcharge** Gold 100% Surcharge Silver 50% Surcharge
Fax:	Quote No.: ✓ P.O. No.:	Project Name: Wan TORING TEY Additional Info:	Here Solve Standard Solve Standard Solve Standard Solve Standard Solve Standard Solve Standard Solve Specific Date:
	sealler O		
C	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Liquid Sludge, SS=Solid Sludge, S=Soil, Sed=Sediment, PC=Paint Chips, F=Filter, Oil = Oil Indicate Test For Each Sample Field # Bottles/ Field
Lab No:	Sample Identification S.P.L.	Sample Date Collected Time Matrix * (yy-mm-dd) Collected	Indicate Test For Each Sample By Using A Check Mark in The Box Posides pH Temp. Sample Filtered(Y/
1.	TESTA - WTP.	Dh 16-12-21 0820	× BR-OMB 6 N
1	TEST C - WWTP EAR	WW 16-12-21 08-15	X BIX-01199 5 ~
	TEST D-WNTPSS	SS 16-12-21 0900	X 2 N
	703, 2	10000	
	CLIENT NOTIFIED	BACTERIA	
	WILL NOT BE RUN	1. PasseD	
1	HOLDING Time		
		Pin Jan 13.17	6:05
	X SAMPLE SUBMISSION INFORMATION	SHIPPING INFORMATION	REPORTING / INVOICING SAMPLE RECEIVING INFORMATION (LABORATORY USE ONLY)
	Sampled by: Submitted by:	Client's Courier Invoice	Report by Fax Received By (print): 30 Signature: 30
Print:	R. SPARHAM. R. SPARHAM		Report by Email Date Received (yy-mm-dd): 13/0/1/2 Time Received: 15:00
Sign:	W. The state of th	Drop Off # of Pieces	Invoice by Email Laboratory Prepared Bottles: Yes No
	16-12-21 16-12-21 Date (yy-mm-dd)/Time: Date (yy-mm-dd)/Time:	Caduceon (Pick-up)	Invoice by Mail Sample Temperature °C: LQ B Labeled by:
Commen	CALL FOR	PICKUP.	Page of G 63691
	White: Lab Copy / Yellow: Invoicing Copy / Pink: Client Copy	CofC, Nov. 20	15, Revision No: 19 20QC+



QUOTATION FOR ANALYTICAL SERVICES

Quote #:

YD16_lqaluit_C

Organization:

City of Iqaluit

Contact:

Paul Clow

Telephone:

867-979-6363 Ex233

Facsimile:

Email:

p.clow@city.iqaluit.nu.ca

Project #:

TEST C (WWTP Eff)

Address:

City Of Igaluit Box 460 Igaluit, NU

Additional Info:

QUOTE # ('S) MUST BE ON C OF C TO APPLY if not listed, General pricing will be applied.

Additional Info:

Date:

2-Mar-16

Valid Until:

31-Dec-16

Item #	Quantity	Analysis Request	Matrix	Unit Cost, \$	Amount, \$
1	1	BOD	WW	27.00	27.00
2	1	Total Coliforms/Fecal Coliforms	WW	28.00	28.00
3	1	Ammonia Nitrogen, N02/N03	WW	27.00	27.00
4	1	Total Phosphorus	ww	16.00	16.00
5	1	Conductivity	WW	8.50	8.50
6	1	Orthophosphate	WW	16.00	16.00
7	1	TSS	WW	16.00	16.00
8	1	Full Metals	WW	53.50	53.50
9	11	pH	ww	8.50	8.50
9	1	Ottawa Airport Pick Up		25.00	25.00
rices do not include shippin	· · · · · · · · · · · · · · · · · · ·	Subtotal	225.50		
• • • • • • • • • • • • • • • • • • • •	-				

Environmental Surcharge of \$1.50 per sample set

Kim Byers

Customer Service Representative

Caduceon Environmental Laboratories

kbyers@caduceonlabs.com

Cell: 613-453-0964 Office 544-2001 Ex 222



Final Report

C.O.C.: G63691 **REPORT No. B17-01199**

Report To:

City of Iqaluit PO Box 460,

Iqaluit NU X0A 0H0

Attention: Richard Sparham

DATE RECEIVED: 13-Jan-17

DATE REPORTED: 23-Jan-17

SAMPLE MATRIX: Waste Water

Caduceon Environmental Laboratories

2378 Holly Lane

Ottawa Ontario K1V 7P1

Tel: 613-526-0123

Fax: 613-526-1244

JOB/PROJECT NO.: Test C (WWTP Eff)

P.O. NUMBER:

WATERWORKS NO.

			Client I.D.		Test C - WWTP EFF		
			Sample I.D.		B17-01199-1		
			Date Collecte	ed	21-Dec-16		
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
BOD	mg/L	3	SM 5210B	18-Jan-17/O	189		
Total Suspended Solids	mg/L	3	SM 2540D	19-Jan-17/O	144		
Hardness (as CaCO3)	mg/L	1	SM 3120	16-Jan-17/O	35		
Conductivity @25°C	µmho/cm	1	SM 2510B	16-Jan-17/O	453		
pH @25°C	pH Units		SM 4500H	16-Jan-17/O	7.01		
Nitrite (N)	mg/L	0.1	SM4110C	13-Jan-17/O	< 0.1		
Nitrate (N)	mg/L	0.1	SM4110C	13-Jan-17/O	0.1		
Ammonia (N)-Total	mg/L	0.01	MOEE 3364	16-Jan-17/O	39.7		
o-Phosphate (P)	mg/L	0.01	MOEE 3366	16-Jan-17/O	4.29		
Phosphorus-Total	mg/L	0.01	MOEE 3367	19-Jan-17/O	6.42		
Aluminum	mg/L	0.01	SM 3120	16-Jan-17/O	0.26		
Antimony	mg/L	0.0005	EPA 200.8	17-Jan-17/O	< 0.0005		
Arsenic	mg/L	0.0005	EPA 200.8	17-Jan-17/O	< 0.0005		
Barium	mg/L	0.001	SM 3120	16-Jan-17/O	0.012		
Beryllium	mg/L	0.002	SM 3120	16-Jan-17/O	< 0.002		
Bismuth	mg/L	0.02	SM 3120	16-Jan-17/O	< 0.02		
Boron	mg/L	0.005	SM 3120	16-Jan-17/O	0.025		
Cadmium	mg/L	0.005	SM 3120	16-Jan-17/O	< 0.005		
Calcium	mg/L	0.02	SM 3120	16-Jan-17/O	9.37		
Chromium	mg/L	0.002	SM 3120	16-Jan-17/O	< 0.002		
Cobalt	mg/L	0.005	SM 3120	16-Jan-17/O	< 0.005		
Copper	mg/L	0.002	SM 3120	16-Jan-17/O	0.349		
Iron	mg/L	0.005	SM 3120	16-Jan-17/O	0.587		
Lead	mg/L	0.02	SM 3120	16-Jan-17/O	< 0.02		
Lithium	mg/L	0.01	SM 3120	16-Jan-17/O	< 0.01		
Magnesium	mg/L	0.01	SM 3120	16-Jan-17/O	2.71		
Manganese	mg/L	0.001	SM 3120	16-Jan-17/O	0.041		

R.L. = Reporting Limit

Test methods may be modified from specified reference method unless indicated by an *

Site Analyzed=K-Kingston, W-Windsor, O-Ottawa, R-Richmond Hill



Final Report

C.O.C.: G63691 REPORT No. B17-01199

Report To:

City of Iqaluit PO Box 460,

Iqaluit NU X0A 0H0

Attention: Richard Sparham

DATE RECEIVED: 13-Jan-17

DATE REPORTED: 23-Jan-17 SAMPLE MATRIX: Waste Water **Caduceon Environmental Laboratories**

2378 Holly Lane

Ottawa Ontario K1V 7P1 Tel: 613-526-0123 Fax: 613-526-1244

JOB/PROJECT NO.: Test C (WWTP Eff)

P.O. NUMBER:

WATERWORKS NO.

			Client I.D.		Test C - WWTP EFF		
			Sample I.D.		B17-01199-1		
			Date Collect	ed	21-Dec-16		
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Molybdenum	mg/L	0.01	SM 3120	16-Jan-17/O	< 0.01		
Nickel	mg/L	0.01	SM 3120	16-Jan-17/O	< 0.01		
Potassium	mg/L	0.1	SM 3120	16-Jan-17/O	7.8		
Silicon	mg/L	0.01	SM 3120	16-Jan-17/O	0.85		
Silver	mg/L	0.005	SM 3120	16-Jan-17/O	< 0.005		
Sodium	mg/L	0.2	SM 3120	16-Jan-17/O	16.1		
Strontium	mg/L	0.001	SM 3120	16-Jan-17/O	0.037		
Tin	mg/L	0.05	SM 3120	16-Jan-17/O	< 0.05		
Titanium	mg/L	0.005	SM 3120	16-Jan-17/O	0.006		
Uranium	mg/L	0.0003	EPA 200.8	17-Jan-17/O	0.0012		
Vanadium	mg/L	0.005	SM 3120	16-Jan-17/O	< 0.005		
Zinc	mg/L	0.005	SM 3120	16-Jan-17/O	0.129		

R.L. = Reporting Limit

Test methods may be modified from specified reference method unless indicated by an * Site Analyzed=K-Kingston,W-Windsor,O-Ottawa,R-Richmond Hill

	X	TESTING REQUIREMENTS	REPORT NUMBER (Lab Na 1
C A D U C E N™ ENVIRONMENTAL LABORATORIES Client committed. Quality assured.	O.Reg 153 Surface Soil Sub Surfa Yes No Record of Site C Provincial Water Quality Objectives Sewer Use By-Law:		Jan 13.17
Are any samples to be submitted intended for Human Consumption		Yes No (If yes, submit all Drinking Water Samples	on a Drinking Water Chain of Custody)
Indicate Laboratory Samples are submi	itted to: Kingston	Ottawa Richmond Hill Windson	London
Organization: x CTY OF 16Ac ST Address and Invoicing Address PO Box	460	ANALYSES REQUESTED (Print Test in Boxes)	TURNAROUND SERVICE REQUESTED (see back page)
Contact: X RICHARD SPARTAM 16 th U Tel: X Ster 99 4363 x 59 Fax: Quote No.: X Email: Y USEWILLIA C	Project Name: Mon TORING TET Additional Info:	1857 A 1857 C 1857 D	Platinum 200% Surcharge** Gold 100% Surcharge Silver 50% Surcharge Bronze 25% Surcharge Standard 5-7 days Specific Date:
G. 4. 1940 it N Sample Matrix Legend: WW=Waste W		Liquid Sludge, SS=Solid Sludge, S=Soil, Sed=Sediment, PC=Paint Chips,	F=Filter, Oil = Oil
No: Sample Identification S.P.L.	Sample Date Collected Time Matrix * 4(yy-mm-dd) Collected	Indicate Test For Each Sample By Using A Check Mark In The Box Payided	Field #Bottles/ Field pH Temp. Sample Filtered(Y/N
THE TA - INTE	DW 16-12-21 0820	Z BIALOIII	8 6 N
1 TEST C - WWTP EFF	WW 16-12-21 6845	A BIZ-011	99 5 2
1. TEST D-WUTPSS	SS 16-12-21 0900	111111111111111111111111111111111111111	2 N
TO ICSI V. WOI.	16 12 11 0 100		
CLIENT NOTIFIED WILL NOT BE RUN	BACTERIA. DASSED	B17-012	.00
HOLDING time			
	Rin Jan 13.17	6:05	
✓ SAMPLE SUBMISSION INFORMATION	✓ SHIPPING INFORMATION	/REPORTING / INVOICING SAMPLE RECEIVING IN	FORMATION (LABORATORY USE ONLY)
Sampled by: Submitted by:	Client's Courier Invoice	Report by Fax Received By (print):	
Print: R. SPARHAM. R. SPARHAM	Caduceon's Courier	Report by Email Date Received (yy-mm-dd): 13/10	
Sign: W	Drop Off # of Pieces	Invoice by Email Laboratory Prepared Bottles:	Yes No
(6-12-2 (6-12-2 Date (yy-mm-dd)/Time: Date (yy-mm-dd)/Time:	Caduceon (Pick-up)	Invoice by Mail Sample Temperature °C: 498	Labeled by:
CALL FOR	PICKUP.	SPET	Page of
White: Lab Copy / Yellow: Invoicing Copy / Pink: Client Copy	CofC, Nov. 20	15, Revision No: 19 2/020+	- 00001



QUOTATION FOR ANALYTICAL SERVICES

Quote #:

YD16 Igaluit D

Organization:

City of Igaluit

Contact:

Paul Clow

Telephone:

867-979-6363 Ex233

Facsimile:

Email:

p.clow@city.iqaluit.nu.ca

Project #:

TEST D (Sludge)

Address:

City Of Igaluit Box 460 Igaluit, NU

Additional Info:

QUOTE # ('S) MUST BE ON C OF C TO APPLY if not listed, General pricing will be applied.

Additional Info:

Date:

2-Mar-16

Valid Until:

31-Dec-16

Item #	Quantity	Analysis Request	Matrix	Unit Cost, \$	Amount, \$
1	1	Temperature(in the field)	SS	0.00	0.00
2	1	Conductivity	SS	8.50	8.50
3	1	pH	SS	8.50	8.50
4	1	Ammonia Nitrogen, N02/N03	SS	27.00	27.00
5	1	BOD	SS	27.00	27.00
6	1	Total Coliform/Fecal Coliform	SS	28.00	28.00
7	1	TS	SS	16.00	16.00
8	1	Total Phosphorus	SS	16.00	16.00
9	1	ICP Metals Scan	SS	53.50	53.50
10	1	Orthophosphate	SS	16.00	16.00
11	1	Ottawa Airport Pick Up		25.00	25.00
ces do not include shippir	na unless otherwise state	4		Subtotal	225,50

Environmental Surcharge of \$1.50 per sample set

HST 29.32 **Total Cost** 254.82

Kim Byers

Customer Service Representative

Caduceon Environmental Laboratories

kbyers@caduceonlabs.com

Cell: 613-453-0964 UIIICE 544-2001 EX 222



Final Report

C.O.C.: G63691 REPORT No. B17-01200

Client I.D.

Report To:

City of Iqaluit PO Box 460,

Iqaluit NU X0A 0H0

Attention: Richard Sparham

DATE RECEIVED: 13-Jan-17

DATE REPORTED: 31-Jan-17 SAMPLE MATRIX: Solid Sludge **Caduceon Environmental Laboratories**

2378 Holly Lane

Ottawa Ontario K1V 7P1 Tel: 613-526-0123

Fax: 613-526-1244

JOB/PROJECT NO.: Test D (Solid Sludge)

P.O. NUMBER:

Test D -

WATERWORKS NO.

					WWTP SS		
			Sample I.D.		B17-01200-1		
			Date Collected		21-Dec-16		
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
BOD(5 day)	μg/g	5	SM 5210B	19-Jan-17/O	>210000		
Total Solids	% by wt	0.1	SM 2540	20-Jan-17/O	30.6		
Conductivity @25°C	µmho/cm	1	SM 2510B	17-Jan-17/O	2760		
pH @25°C	pH Units		SM 4500H	16-Jan-17/O	4.80		
Nitrite (N)	μg/g	1	SM4110C	18-Jan-17/O	< 1		
Nitrate (N)	μg/g	1	SM4110C	18-Jan-17/O	< 1		
Ammonia (N)-Total	μg/g	0.01	MOEE 3364	19-Jan-17/O	1140		
o-Phosphate (P)	μg/g	0.01	MOEE 3366	19-Jan-17/O	452		
Phosphorus-Total	μg/g	0.01	MOEE 3367	19-Jan-17/O	2840		
Aluminum	μg/g	10	EPA 6010	16-Jan-17/O	950		
Arsenic	μg/g	2	EPA 6020	17-Jan-17/O	< 2		
Barium	μg/g	1	EPA 6010	16-Jan-17/O	22		
Beryllium	μg/g	0.2	EPA 6010	16-Jan-17/O	< 0.2		
Bismuth	μg/g	5	EPA 6010	16-Jan-17/O	< 5		
Boron	μg/g	0.5	EPA 6010	16-Jan-17/O	5.2		
Cadmium	μg/g	0.5	EPA 6010	16-Jan-17/O	< 0.5		
Calcium	μg/g	10	EPA 6010	16-Jan-17/O	11500		
Chromium	μg/g	1	EPA 6010	16-Jan-17/O	28		
Cobalt	μg/g	1	EPA 6010	16-Jan-17/O	< 1		
Copper	μg/g	1	EPA 6010	16-Jan-17/O	171		
Iron	μg/g	10	EPA 6010	16-Jan-17/O	9150		
Lead	μg/g	5	EPA 6010	16-Jan-17/O	15		
Lithium	μg/g	0.1	EPA 6010	16-Jan-17/O	< 0.1		
Magnesium	μg/g	10	EPA 6010	16-Jan-17/O	1620		
Manganese	μg/g	1	EPA 6010	16-Jan-17/O	69		
Molybdenum	μg/g	1	EPA 6010	16-Jan-17/O	2		
Nickel	μg/g	1	EPA 6010	16-Jan-17/O	23		

R.L. = Reporting Limit

Test methods may be modified from specified reference method unless indicated by an *

Site Analyzed=K-Kingston, W-Windsor, O-Ottawa, R-Richmond Hill



Final Report

C.O.C.: G63691 **REPORT No. B17-01200**

Report To:

City of Iqaluit PO Box 460,

Iqaluit NU X0A 0H0

Attention: Richard Sparham

DATE RECEIVED: 13-Jan-17

DATE REPORTED: 31-Jan-17

SAMPLE MATRIX: Solid Sludge

Caduceon Environmental Laboratories

2378 Holly Lane

Ottawa Ontario K1V 7P1

Tel: 613-526-0123 Fax: 613-526-1244

JOB/PROJECT NO.: Test D (Solid Sludge)

P.O. NUMBER:

WATERWORKS NO.

			Client I.D.		Test D - WWTP SS		
			Sample I.D.		B17-01200-1		
	Date Collect	ed	21-Dec-16				
Parameter	Units	R.L.	Reference Method	Date/Site Analyzed			
Potassium	μg/g	30	EPA 6010	16-Jan-17/O	390		
Selenium	μg/g	2	EPA 6020	17-Jan-17/O	< 2		
Silicon	μg/g	1	EPA 6010	16-Jan-17/O	187		
Silver	μg/g	0.2	EPA 6010	16-Jan-17/O	0.3		
Sodium	μg/g	20	EPA 6010	16-Jan-17/O	300		
Strontium	μg/g	1	EPA 6010	16-Jan-17/O	28		
Tin	μg/g	5	EPA 6010	16-Jan-17/O	9		
Titanium	μg/g	1	EPA 6010	16-Jan-17/O	17		
Uranium	μg/g	0.4	EPA 6020	17-Jan-17/O	< 0.4		
Vanadium	μg/g	1	EPA 6010	16-Jan-17/O	3		
Zinc	μg/g	3	EPA 6010	16-Jan-17/O	172		

R.L. = Reporting Limit

Test methods may be modified from specified reference method unless indicated by an *

Site Analyzed=K-Kingston, W-Windsor, O-Ottawa, R-Richmond Hill

Appendix B – Spill Reports







NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

Α	REPORT DATE: MONTH - DAY -		ORT TIM	E	XORIGINAL SPILL REPORT,					
$\overline{}$	MARCH 21 2016	14:45		DE THE	OR		REPORT NUMBER			
В	OCCURRENCE DATE: MONTH – DAY – YEAR MARCH 19 2016					TO THE ORIGINAL SPI	LL REPORT	16.086		
С	LAND USE PERMIT NUMBER (IF	APPLICABLE)		WA	TER LICENCE NUMBER	(IF APPLICABLE)				
D	GEOGRAPHIC PLACE NAME OR IVAVIIK BLDG	DISTANCE AND DIRECTION	FROM NAMED LOCAT	ATION REGION NWT MUNAVUT DADJACENT JURISDICTION OR OCEAN						
_	LATITUDE			LO	NGITUDE		E NEW CENT CONTROL OF COLUMN			
E	DEGREES M	INUTES	SECONDS	DEGREES MINUTES SECONDS						
F	RESPONSIBLE PARTY OR VESS CITY OF IQALUIT	EL NAME	PO BOX 460 IQALUIT NU XOA 0H0							
G	ANY CONTRACTOR INVOLVED		CONTRACTOR ADDRESS OR OFFICE LOCATION							
	PRODUCT SPILLED SEWAGE/WATER		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES UNKNOWN			ES U.N. NUMBER	U.N. NUMBER			
Н	SECOND PRODUCT SPILLED (IF	APPLICABLE)	QUANTITY IN LITRES	, KILOGI	RAMS OR CUBIC METR	ES U.N. NUMBER	U.N. NUMBER			
1	SPILL SOURCE		SPILL CAUSE BROKEN VA		AREA OF CONTA	AREA OF CONTAMINATION IN SQUARE METRES				
J	FACTORS AFFECTING SPILL OR	RECOVERY	DESCRIBE ANY ASSI	REQUIRED	HAZARDS TO PER	HAZARDS TO PERSONS, PROPERTY OR ENVIRONMENT				
K	DUE TO FREEZING THE SURFACE BE					THE SOURCE OF	ENTE	W REAGILED		
L	REPORTED TO SPILL LINE BY POSITION MIKE HATFIELD MANAGEF		UTILIDOR CITY C							
М	ANY ALTERNATE CONTACT POSITION				F IQALUIT	LOCATION CALLING F		TELEPHONE 867-979-5632		
	JOSEPH BROWN	POSITION SUPERINTEN		LOYER	F IQALUIT	1554D	Γ /			
<u>.</u>	JOSEPH BROWN			TY O	F IQALUIT	1554D	Γ /	867-979-5632 ALTERNATE TELEPHONE		
	RECEIVED AT SPILL LINE BY		REPORT LINE US	TY O	F IQALUIT	1554D	7	867-979-5632 ALTERNATE TELEPHONE		
N		SUPERINTEN	REPORT LINE US	TY O	F IQALUIT	1554D ALTERNATE CONTACT 1554D LOCATION	F	867-979-5632 ALTERNATE TELEPHONE 867-979-5631		
\vdash	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR WT GN LA INAC	REPORT LINE US EMP	TY O SE ONLY PLOYER SIGNIFIC	FIQALUIT	ALTERNATE CONTACT 1554D LOCATION CALLED YELLOWKNIFE, NT AJOR UNKNOWN	F (867-979-5632 ALTERNATE TELEPHONE 867-979-5631 REPORT LINE NUMBER		
LEA	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	REPORT LINE US EMP	TY O E ONLY PLOYER	FIQALUIT	ALTERNATE CONTACT 1554D LOCATION CALLED YELLOWKNIFE, NT	F (867-979-5632 ALTERNATE TELEPHONE 867-979-5631 REPORT LINE NUMBER 867) 920-8130		
LEA AGE	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR WT GN LA INAC	REPORT LINE US EMP	TY O SE ONLY PLOYER SIGNIFIC	FIQALUIT	ALTERNATE CONTACT 1554D LOCATION CALLED YELLOWKNIFE, NT AJOR UNKNOWN	F (867-979-5632 ALTERNATE TELEPHONE 867-979-5631 REPORT LINE NUMBER 867) 920-8130		
LEA AGE LEA	RECEIVED AT SPILL LINE BY D AGENCY EC CCG GN ENCY CI D AGENCY ST SUPPORT AGENCY	POSITION STATION OPERATOR WT GN LA INAC	REPORT LINE US EMP	TY O SE ONLY PLOYER SIGNIFIC	FIQALUIT	ALTERNATE CONTACT 1554D LOCATION CALLED YELLOWKNIFE, NT AJOR UNKNOWN	F (867-979-5632 ALTERNATE TELEPHONE 867-979-5631 REPORT LINE NUMBER 867) 920-8130		
LEA AGE LEA	RECEIVED AT SPILL LINE BY D AGENCY DEC DCCG DGN ENCY CI D AGENCY	POSITION STATION OPERATOR WT GN LA INAC	REPORT LINE US EMP	TY O SE ONLY PLOYER SIGNIFIC	FIQALUIT	ALTERNATE CONTACT 1554D LOCATION CALLED YELLOWKNIFE, NT AJOR UNKNOWN	F (867-979-5632 ALTERNATE TELEPHONE 867-979-5631 REPORT LINE NUMBER 867) 920-8130		





NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

Α	REPORT DATE: MONTH - DAY MARCH 21 2016					14:45		ORIGINAL SPILL REPORT,		REPORT NUMBER		
	OCCURRENCE DATE: MONTH	I – DAY – YEAR						R }		16 - 086		
В	MARCH 19 2016				11:15	1:15		O THE ORIGINAL SPILL I	REPORT	10 - 000		
С	LAND USE PERMIT NUMBER ((IF APPLICABLE)				WATER LICENCE NUMBER (IF APPLICABLE)						
D	GEOGRAPHIC PLACE NAME OF	R DIS	TANCE AND DIRECTION	FROM NAMED L	OCATION	REGION REGION						
	LATITUDE					LONGITUDE Z	NUNAVUT	☐ ADJACENT JURIS	☐ ADJACENT JURISDICTION OR OCEAN			
E	DEGREES	SECONDS DEGREES			MINUTES SECONDS							
_	RESPONSIBLE PARTY OR VES	MINU SSEL N			SPONSIBLE PARTY ADDRESS OR OFFICE LOCATION							
F	CITY OF IQALUIT					60 IQALUIT NU X0A 0H0						
G	ANY CONTRACTOR INVOLVED)		CONTRACTOR	ADDRESS	OR OFFICE LOCA	TION					
	PRODUCT SPILLED SEWAGE/WATER	2		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES UNKNOWN			U.N. NUMBER	U.N. NUMBER				
Н	SECOND PRODUCT SPILLED (IF APPLICABLE)			QUANTITY IN L	ITRES, KILOGRAMS OR CUBIC METRES U.N. NUMBER							
	SPILL SOURCE			SPILL CAUSE BROKEN	I VAL\	/E		AREA OF CONTAMIN	NATION IN	SQUARE METRES		
_	FACTORS AFFECTING SPILL (ASSISTAN	NCE REQUIRED	HAZARDS TO PERSONS, PROPERTY OR ENVIRONMENT					
J												
	ADDITIONAL INFORMATION, C		,			,						
K	DUE TO FREEZING CAUSED EXCESS WATER INTO SEWER LINE AND SOME OVER FLOW REACHED THE SURFACE BEFORE VALVE COULD BE REPLACED. K											
L	REPORTED TO SPILL LINE BY MIKE HATFIELD			TILIDOR			DCATION CALLING FROM		RELEPHONE 867-979-5632			
М	ANY ALTERNATE CONTACT JOSEPH BROWN	NY ALTERNATE CONTACT POSITION		DANT					ALTERNATE TELEPHONE 867-979-5631			
				REPORT LIN	IE USE OI	NLY						
N	RECEIVED AT SPILL LINE BY		POSITION	EMPL				OCATION CALLED		REPORT LINE NUMBER		
\vdash	STATION OPERATOR					YELLOWKNIFE, NT (867) 920-8130						
LEAD AGENCY DEC DCCG DGNWT DGN DILA DINAC DNEB DTC						SIGNIFICANCE MINOR MAJOR UNKNOWN FILE STATUS OPEN CLOSED						
AGE	NCY	CONT	TACT NAME		CON	TACT TIME		REMARKS				
LEA	D AGENCY											
FIRS	ST SUPPORT AGENCY											
SEC	OND SUPPORT AGENCY											
THIRD SUPPORT AGENCY												







OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

<u>A</u>	REPORT DATE: MONTH - DAY - YE	AR	REPORT TIME XORIGINAL SPILL REPORT,				
	MARCH 21 2016		11:00		OR	DHI,	REPORT NUMBER
_	OCCURRENCE DATE: MONTH - DA	Y-YEAR	OCCURRE	NCE TIME	□ UPDATE #		16087
В	MARCH 21 2016		08:12		TO THE ORIGINAL SPILL	REPORT	
_	LAND USE PERMIT NUMBER (IF AP	PLICABLE)	V	NATER LICENCE NUMBER	R (IF APPLICABLE)		
C							
	GEOGRAPHIC PLACE NAME OR DI	STANCE AND DIRECTION FROM NAMED	LOCATION	REGION		-	
D	SEWAGE LAGOON I	DUMP STN		□ NWT X NUNAVI	JT	SDICTION	OR OCEAN
	LATITUDE		L	ONGITUDE.			
E	DEGREES MIN	UTES SECONDS	0	DEGREES	MINUTES	SE	CONDS
	RESPONSIBLE PARTY OR VESSEL			RESS OR OFFICE LOCAT			
F	CITY OF IQALUIT	PO BOX	460 IQ	ALUIT NU X0A	0Н0		
$\overline{}$	ANY CONTRACTOR INVOLVED	CONTRACTOR	ADDRESS (OR OFFICE LOCATION			
G							
	PRODUCT SPILLED			GRAMS OR CUBIC METR	ES U.N. NUMBER		
	SEWAGE	UNKNO	WN				
H	SECOND PRODUCT SPILLED (IF A	PPLICABLE) QUANTITY IN I	LITRES, KILO	GRAMS OR CUBIC METR	ES U.N. NUMBER		
ı	SPILL SOURCE SEWER TRUCK	SPILL CAUSE UNLOAI	NING TO	DEACT	AREA OF CONTAMII	NATION IN	SQUARE METRES
-				CE REQUIRED	HAZARDS TO BERS	ONS DROE	PERTY OR ENVIRONMENT
J	FACTORS AFFECTING SPILL OR R	ECOVERA DESCRIBE AN	1 42212 IAM	GE REQUIRED	FIAZARDS TO FENS	ONS, FROM	-EHTT ON ENVIRONMENT
_	ADDITIONAL INFORMATION COMM	MENTS, ACTIONS PROPOSED OR TAKEN	TO CONTAIN	L RECOVER OR DISPOSE	OF SPILLED PRODUCT A	ND CONTA	MINATED MATERIALS
		ZEN AND SCAPED INTO					
		T HANDLE THE DISCHA					E
	OVERFLOWED ONT	O THE GROUND. IT WAS	SOUICE	CLY REMOVED	TO THE LACO	ON!	1
		• •		VET TIEMOVED	TO THE LAGO	JN	
				(ET TIEMOTES	TO THE LAGO	JN	
				(ET TIEMOVED	TO THE LAGO	JN	
K				(ET TIEMOVED	TO THE LAGO	JN	
K				(ET (IEMOVE)	TO THE LAGO	JN	
K				(ET (IEMOVE)	TO THE LAGO	JN	
K				(ET (IEMOVE)	TO THE LAGO	JN	
K				(ET TIEMOVE)	TO THE LAGO	JN	
K				(ET (IEMOVE)	TO THE LAGO	JN	
K	REPORTED TO SPILL LINE BY	POSITION	EMPLOYE		LOCATION CALLING FRO	om T	TELEPHONE
K	REPORTED TO SPILL LINE BY MIKE HATFIELD		EMPLOYE			T MC	TELEPHONE 867-979-5632
	MIKE HATFIELD ANY ALTERNATE CONTACT	POSITION MANAGER UTILIDOR POSITION	EMPLOYE CITY EMPLOYE	er OF IQALUIT	LOCATION CALLING FRO 1554D ALTERNATE CONTACT	OM T	867-979-5632 ALTERNATE TELEPHONE
K	MIKE HATFIELD ANY ALTERNATE CONTACT	POSITION MANAGER UTILIDOR	EMPLOYE CITY EMPLOYE	R OF IQALUIT	LOCATION CALLING FRO	OM T	867-979-5632
	MIKE HATFIELD ANY ALTERNATE CONTACT	POSITION MANAGER UTILIDOR POSITION SUPERINTENDANT REPORT LI	EMPLOYE CITY EMPLOYE CITY	OF IQALUIT OF IQALUIT	LOCATION CALLING FROM 1554D ALTERNATE CONTACT 1554D	ом Т	867-979-5632 ALTERNATE TELEPHONE 867-979-5631
L	MIKE HATFIELD ANY ALTERNATE CONTACT JOSEPH BROWN RECEIVED AT SPILL LINE BY	POSITION MANAGER UTILIDOR POSITION SUPERINTENDANT	EMPLOYE CITY EMPLOYE CITY	OF IQALUIT OF IQALUIT	LOCATION CALLING FROM 1554D ALTERNATE CONTACT LOCATION	OM 7	867-979-5632 ALTERNATE TELEPHONE 867-979-5631 REPORT LINE NUMBER
	MIKE HATFIELD ANY ALTERNATE CONTACT JOSEPH BROWN RECEIVED AT SPILL LINE BY	POSITION MANAGER UTILIDOR POSITION SUPERINTENDANT REPORT LI	EMPLOYE CITY EMPLOYE CITY	OF IQALUIT OF IQALUIT	LOCATION CALLING FROM 1554D ALTERNATE CONTACT 1554D	OM 7	867-979-5632 ALTERNATE TELEPHONE 867-979-5631
L	MIKE HATFIELD ANY ALTERNATE CONTACT JOSEPH BROWN RECEIVED AT SPILL LINE BY	POSITION MANAGER UTILIDOR POSITION SUPERINTENDANT REPORT LI	EMPLOYE CITY EMPLOYE CITY INE USE ON	OF IQALUIT OF IQALUIT	LOCATION CALLING FROM 1554D ALTERNATE CONTACT 1554D LOCATION CALLED YELLOWKNIFE, NT	OM 7	867-979-5632 ALTERNATE TELEPHONE 867-979-5631 REPORT LINE NUMBER
L N LEA	MIKE HATFIELD ANY ALTERNATE CONTACT JOSEPH BROWN RECEIVED AT SPILL LINE BY AD AGENCY EC CCG GNW	POSITION MANAGER UTILIDOR POSITION SUPERINTENDANT REPORT LI POSITION STATION OPERATOR	EMPLOYE CITY EMPLOYE CITY INE USE ON EMPLOYE SIGNI	OF IQALUIT OF IQALUIT	LOCATION CALLING FROM 1554D ALTERNATE CONTACT 1554D LOCATION CALLED YELLOWKNIFE, NT	OM 7	867-979-5632 ALTERNATE TELEPHONE 867-979-5631 REPORT LINE NUMBER (867) 920-8130
L N LEA	MIKE HATFIELD ANY ALTERNATE CONTACT JOSEPH BROWN RECEIVED AT SPILL LINE BY AD AGENCY EC CCG GNW. ENCY COM	POSITION MANAGER UTILIDOR POSITION SUPERINTENDANT REPORT LI POSITION STATION OPERATOR T	EMPLOYE CITY EMPLOYE CITY INE USE ON EMPLOYE SIGNI	FICANCE MINOR M	LOCATION CALLING FROM 1554D ALTERNATE CONTACT LOCATION LOCATION CALLED VELLOWKNIFE, NT	OM 7	867-979-5632 ALTERNATE TELEPHONE 867-979-5631 REPORT LINE NUMBER (867) 920-8130
L N LEA	MIKE HATFIELD ANY ALTERNATE CONTACT JOSEPH BROWN RECEIVED AT SPILL LINE BY AD AGENCY EC CCG GNW	POSITION MANAGER UTILIDOR POSITION SUPERINTENDANT REPORT LI POSITION STATION OPERATOR T	EMPLOYE CITY EMPLOYE CITY INE USE ON EMPLOYE SIGNI	FICANCE MINOR M	LOCATION CALLING FROM 1554D ALTERNATE CONTACT LOCATION LOCATION CALLED VELLOWKNIFE, NT	OM 7	867-979-5632 ALTERNATE TELEPHONE 867-979-5631 REPORT LINE NUMBER (867) 920-8130
L N LEA	MIKE HATFIELD ANY ALTERNATE CONTACT JOSEPH BROWN RECEIVED AT SPILL LINE BY AD AGENCY EC CCG GNW. ENCY COM	POSITION MANAGER UTILIDOR POSITION SUPERINTENDANT REPORT LI POSITION STATION OPERATOR T	EMPLOYE CITY EMPLOYE CITY INE USE ON EMPLOYE SIGNI	FICANCE MINOR M	LOCATION CALLING FROM 1554D ALTERNATE CONTACT LOCATION LOCATION CALLED YELLOWKNIFE, NT	OM 7	867-979-5632 ALTERNATE TELEPHONE 867-979-5631 REPORT LINE NUMBER (867) 920-8130
L N LEA	MIKE HATFIELD ANY ALTERNATE CONTACT JOSEPH BROWN RECEIVED AT SPILL LINE BY AD AGENCY EC CCG GNW. ENCY COM. AD AGENCY COM.	POSITION MANAGER UTILIDOR POSITION SUPERINTENDANT REPORT LI POSITION STATION OPERATOR T	EMPLOYE CITY EMPLOYE CITY INE USE ON EMPLOYE SIGNI	FICANCE MINOR M	LOCATION CALLING FROM 1554D ALTERNATE CONTACT LOCATION LOCATION CALLED YELLOWKNIFE, NT	OM 7	867-979-5632 ALTERNATE TELEPHONE 867-979-5631 REPORT LINE NUMBER (867) 920-8130
L N LEA AGI	MIKE HATFIELD ANY ALTERNATE CONTACT JOSEPH BROWN RECEIVED AT SPILL LINE BY AD AGENCY EC CCG GNW. ENCY COM AD AGENCY ST SUPPORT AGENCY	POSITION MANAGER UTILIDOR POSITION SUPERINTENDANT REPORT LI POSITION STATION OPERATOR T	EMPLOYE CITY EMPLOYE CITY INE USE ON EMPLOYE SIGNI	FICANCE MINOR M	LOCATION CALLING FROM 1554D ALTERNATE CONTACT LOCATION LOCATION CALLED YELLOWKNIFE, NT	OM 7	867-979-5632 ALTERNATE TELEPHONE 867-979-5631 REPORT LINE NUMBER (867) 920-8130





OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	MARCH 21 2016		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		XORIGINAL SPILL REP	ORT,	REPORT NUMBER		
В	OCCURRENCE DATE: MONTH D MARCH 21 2016	DAY – YEAR		COURRENCE 18:12	CE TIME	☐ UPDATE # TO THE ORIGINAL SPILI	L REPORT	16 - 087	
С	LAND USE PERMIT NUMBER (IF A	APPLICABLE)	,	WA	TER LICENCE NUMBER	(IF APPLICABLE)			
D	GEOGRAPHIC PLACE NAME OR DESERVAGE LAGOON		ROM NAMED LOCA	ATION	REGION NWT XNUNAVU	T □ ADJACENT JUR	RISDICTION	OR OCEAN	
E	LATITUDE DEGREES MI	INUTES SE	CONDS		NGITUDE GREES	MINUTES	SE	CONDS	
F	RESPONSIBLE PARTY OR VESSE				ESS OR OFFICE LOCATI				
	ANY CONTRACTOR INVOLVED				OFFICE LOCATION)H0			
G	ANT CONTINCTOR INVOLVED		ON THAT TOTT ADD	311200 011	OFFICE ECOAHOR				
	PRODUCT SPILLED SEWAGE		UNKNOWN		RAMS OR CUBIC METRE	S U.N. NUMBER	U.N. NUMBER		
Н	SECOND PRODUCT SPILLED (IF	APPLICABLE) Q	UANTITY IN LITRE	ES, KILOGI	RAMS OR CUBIC METRE	S U.N. NUMBER			
<u> </u>	SPILL SOURCE SEWER TRUCK	PILL CAUSE	IG TO	FAST	AREA OF CONTAM	INATION IN	SQUARE METRES		
J	FACTORS AFFECTING SPILL OR	ESCRIBE ANY AS			HAZARDS TO PERS	SONS, PROF	PERTY OR ENVIRONMENT		
_	ADDITIONAL INFORMATION, CON	MMENTS ACTIONS PROPOSE	D OR TAKEN TO C	CONTAIN F	RECOVER OR DISPOSE	OF SPILLED PRODUCT.	AND CONTA	MINATED MATERIALS	
K	SYSTEM COULD NO OVERFLOWED ON					TO THE LAGO	OON		
L	REPORTED TO SPILL LINE BY MIKE HATFIELD	POSITION MANAGER UTI	. 1	MPLOYER CITY O	F IQALUIT	LOCATION CALLING FR 1554D		ELEPHONE 867-979-5632	
M	ANY ALTERNATE CONTACT JOSEPH BROWN	POSITION SUPERINTEND		MPLOYER CITY O	F IQALUIT	ALTERNATE CONTACT 1554D LOCATION	1	867-979-5631	
			REPORT LINE U		′				
IN	RECEIVED AT SPILL LINE BY	POSITION	E	MPLOYER		LOCATION CALLED		REPORT LINE NUMBER	
I FA	DAGENCY DEC DCCG DGN	STATION OPERATOR		SIGNIFIC	CANCE MINOR MA	JOR UNKNOWN	T	867) 920-8130 US OPEN CLOSED	
<u> </u>	AGENCY CONTACT NAME CONTACT TIME REMARKS								
_	D AGENCY					_		-	
FIRST SUPPORT AGENCY									
SECOND SUPPORT AGENCY									
THIF	RD SUPPORT AGENCY								







OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

٨	REPORT DATE: MONTH - DAY - YE.	AR	REPORT TIME **XORIGINAL SPILL REPORT, DEPORT.					
Α	MARCH 21 2016		14:50		OR	0111,	REPORT NUMBER	
В	OCCURRENCE DATE: MONTH - DATE: MARCH 19 2016	Y – YEAR	06:30	ENCE TIME	UPDATE #TO THE ORIGINAL SPILL	REPORT	16.088	
	LAND USE PERMIT NUMBER (IF AF	PLICABLE)	1	WATER LICENCE NUMBER	R (IF APPLICABLE)			
С		<u> </u>						
D	GEOGRAPHIC PLACE NAME OR DI	STANCE AND DIRECTION FROM NAMED I	LOCATION	REGION	UT □ ADJACENT JUR	ISDICTION	OR OCEAN	
	LATITUDE		1	LONGITUDE				
E	DEGREES MIN	UTES SECONDS		DEGREES	MINUTES	SE	ECONDS	
F	RESPONSIBLE PARTY OR VESSEL CITY OF IQALUIT			RESS OR OFFICE LOCAT				
•	ANY CONTRACTOR INVOLVED			OR OFFICE LOCATION				
G								
	PRODUCT SPILLED SEWAGE	QUANTITY IN E		OGRAMS OR CUBIC METE	ES U.N. NUMBER			
Н	SECOND PRODUCT SPILLED (IF A			OGRAMS OR CUBIC METF	ES U.N. NUMBER	****		
	SECOND PRODUCT SPILLED (II- AI	CONVITTING	irrico, Alec	JULIANO OR GODIO WET	S.N. NOWBER	U.N. NUNDER		
	SPILL SOURCE	SPILL CAUSE			AREA OF CONTAM	INATION IN	SQUARE METRES	
1		plugged				20110 8001		
	FACTORS AFFECTING SPILL OR RI	ECOVERY DESCRIBE AN'	Y ASSISTAN	CE REQUIRED	HAZARDS TO PERS	SONS, PROF	PERTY OR ENVIRONMENT	
J			TO CONTAIN	I RECOVER OR DISPOSE	OF SPILLED PROPILET	AND CONTA	MINATED MATERIALS	
J	SEWAGE FROZEN A	MENTS, ACTIONS PROPOSED OR TAKEN AND SCAPED UP AND DU RIS WHICH CAUSED A SI B BASTED AND CLEARE	JMPED MALL A	IN LAGOON. S	EWER LINE WAGE TO BAC	AS PLU K FLO	JGGED WITH	
J K	SEWAGE FROZEN A	AND SCAPED UP AND DU	JMPED MALL A	IN LAGOON. S	EWER LINE WAGE TO BAC	AS PLU K FLO	JGGED WITH	
	SEWAGE FROZEN A GREASE AND DEBF SURFACE. IINE WAS	AND SCAPED UP AND DUB IS WHICH CAUSED A SI IS BASTED AND CLEARE	JMPED MALL A D, SEW	IN LAGOON. S MOUNT OF SE VAGE WAS REM	EWER LINE WAGE TO BAC MOVED TO LAG	AS PLU EK FLO GOON	JGGED WITH W TO	
	SEWAGE FROZEN A GREASE AND DEBF SURFACE. IINE WAS	AND SCAPED UP AND DU IIS WHICH CAUSED A SI IS BASTED AND CLEARE	JMPED MALL A D, SEW	IN LAGOON. S MOUNT OF SE VAGE WAS REM OF IQALUIT	EWER LINE WAGE TO BAC MOVED TO LAG	AS PLUEK FLOGOON	JGGED WITH W TO	
	SEWAGE FROZEN A GREASE AND DEBF SURFACE. IINE WAS	NND SCAPED UP AND DUB IS WHICH CAUSED A SI S BASTED AND CLEARE POSITION MANAGER UTILIDOR	EMPLOYE CITY EMPLOYE	IN LAGOON. S MOUNT OF SE VAGE WAS REM OF IQALUIT	EWER LINE WASE TO BAC MOVED TO LAG MOVED TO LAG LOCATION CALLING FR	AS PLUEK FLOGOON	TELEPHONE 867-979-5632	
K	REPORTED TO SPILL LINE BY MIKE HATFIELD ANY ALTERNATE CONTACT	NND SCAPED UP AND DUBLES WHICH CAUSED A SES BASTED AND CLEARE POSITION MANAGER UTILIDOR	EMPLOYE CITY	IN LAGOON. S AMOUNT OF SE VAGE WAS REM OF IQALUIT ER OF IQALUIT	LOCATION CALLING FR. 1554D ALTERNATE CONTACT	AS PLUEK FLOGOON	TELEPHONE 867-979-5632 ALTERNATE TELEPHONE	
K L M	REPORTED TO SPILL LINE BY MIKE HATFIELD ANY ALTERNATE CONTACT	POSITION MANAGER UTILIDOR POSITION SUPERINTENDANT	EMPLOYE CITY	IN LAGOON. SAMOUNT OF SEVAGE WAS REMOTED IN THE SEVAGE WAS REMOTED.	LOCATION CALLING FR 1554D ALTERNATE CONTACT LOCATION CALLED	AS PLU EK FLO GOON	TELEPHONE 867-979-5632 ALTERNATE TELEPHONE 867-979-5631	
K	REPORTED TO SPILL LINE BY MIKE HATFIELD ANY ALTERNATE CONTACT JOSEPH BROWN	POSITION MANAGER UTILIDOR POSITION SUPERINTENDANT REPORT LI	EMPLOYE CITY NE USE ON	IN LAGOON. SAMOUNT OF SEVAGE WAS REMOTED IN THE SEVAGE WAS REMOTED.	LOCATION CALLING FR 1554D ALTERNATE CONTACT 1000100000000000000000000000000000000	AS PLU EK FLO GOON	TELEPHONE 867-979-5632 ALTERNATE TELEPHONE 867-979-5631	
K L M	REPORTED TO SPILL LINE BY MIKE HATFIELD ANY ALTERNATE CONTACT JOSEPH BROWN RECEIVED AT SPILL LINE BY	POSITION POSITION POSITION SUPERINTENDANT POSITION POSITION POSITION POSITION POSITION POSITION POSITION POSITION POSITION	EMPLOYE CITY EMPLOYE CITY NE USE ON EMPLOYE	IN LAGOON. S MOUNT OF SE VAGE WAS REM OF IQALUIT OF IQALUIT ILY ER	LOCATION CALLING FRE 1554D ALTERNATE CONTACT LOCATION CALLED YELLOWKNIFE, NT	AS PLUEK FLOGOON	TELEPHONE 867-979-5632 ALTERNATE TELEPHONE 867-979-5631	
K L N LEA	REPORTED TO SPILL LINE BY MIKE HATFIELD ANY ALTERNATE CONTACT JOSEPH BROWN RECEIVED AT SPILL LINE BY	POSITION MANAGER UTILIDOR POSITION SUPERINTENDANT POSITION STATION OPERATOR	EMPLOYE CITY EMPLOYE CITY NE USE ON EMPLOYE	IN LAGOON. SAMOUNT OF SEVAGE WAS REMOTED TO THE PROPERTY OF IQALUIT	LOCATION CALLING FR. 1554D ALTERNATE CONTACT 10CATION CALLED YELLOWKNIFE, NT	AS PLUEK FLOGOON	TELEPHONE 867-979-5632 ALTERNATE TELEPHONE 867-979-5631 REPORT LINE NUMBER (867) 920-8130	
K L M N LEA AGE	REPORTED TO SPILL LINE BY MIKE HATFIELD ANY ALTERNATE CONTACT JOSEPH BROWN RECEIVED AT SPILL LINE BY	POSITION MANAGER UTILIDOR POSITION SUPERINTENDANT POSITION SUPERINTENDANT REPORT LI POSITION STATION OPERATOR T GN GILA GINAC GNEB GTC	EMPLOYE CITY EMPLOYE CITY NE USE ON EMPLOYE	IN LAGOON. S MOUNT OF SE VAGE WAS REM OF IQALUIT OF IQALUIT ILY ER	LOCATION CALLING FRE 1554D ALTERNATE CONTACT LOCATION CALLED YELLOWKNIFE, NT	AS PLUEK FLOGOON	TELEPHONE 867-979-5632 ALTERNATE TELEPHONE 867-979-5631 REPORT LINE NUMBER (867) 920-8130	
K L M LEA AGE	REPORTED TO SPILL LINE BY MIKE HATFIELD ANY ALTERNATE CONTACT JOSEPH BROWN RECEIVED AT SPILL LINE BY D AGENCY EC CCG GNW	POSITION MANAGER UTILIDOR POSITION SUPERINTENDANT POSITION SUPERINTENDANT REPORT LI POSITION STATION OPERATOR T GN GILA GINAC GNEB GTC	EMPLOYE CITY EMPLOYE CITY NE USE ON SIGNI	IN LAGOON. S MOUNT OF SE VAGE WAS REM OF IQALUIT OF IQALUIT ILY ER	LOCATION CALLING FRE 1554D ALTERNATE CONTACT LOCATION CALLED YELLOWKNIFE, NT	AS PLUEK FLOGOON	TELEPHONE 867-979-5632 ALTERNATE TELEPHONE 867-979-5631 REPORT LINE NUMBER (867) 920-8130	
K L M LEA AGE LEA FIRS	REPORTED TO SPILL LINE BY MIKE HATFIELD ANY ALTERNATE CONTACT JOSEPH BROWN RECEIVED AT SPILL LINE BY D AGENCY EC CCG GNW	POSITION MANAGER UTILIDOR POSITION SUPERINTENDANT POSITION SUPERINTENDANT REPORT LI POSITION STATION OPERATOR T GN GILA GINAC GNEB GTC	EMPLOYE CITY EMPLOYE CITY NE USE ON SIGNI	IN LAGOON. S MOUNT OF SE VAGE WAS REM OF IQALUIT OF IQALUIT ILY ER	LOCATION CALLING FRE 1554D ALTERNATE CONTACT LOCATION CALLED YELLOWKNIFE, NT	AS PLUEK FLOGOON	TELEPHONE 867-979-5632 ALTERNATE TELEPHONE 867-979-5631 REPORT LINE NUMBER (867) 920-8130	





OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

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Λ	REPORT DATE: MONTH – DAY – YEAR REPORT TIME					Ξ	XORIGINAL SPILL REPORT,				
Α	MARCH 21 2016				14:50	0		OR	THOMAL OF ILL TIEF O	111,	REPORT NUMBER
В	OCCURRENCE DATE: MONTH - MARCH 19 2016	- DAY	-YEAR		06:3		ETIME		PDATE # THE ORIGINAL SPILL I	REPORT	16 - 088
С	LAND USE PERMIT NUMBER (IF	F APP	LICABLE)			WAT	TER LICENCE NUMBER	R (IF /	APPLICABLE)		
D	GEOGRAPHIC PLACE NAME OF BEHIND APEX QU			FROM NAMED L	OCATION		REGION NWT XNUNAV	UT	☐ ADJACENT JURIS	SDICTION	OR OCEAN
	LATITUDE					LON	NGITUDE				
E		MINU		SECONDS			GREES		MINUTES	St	ECONDS
F	RESPONSIBLE PARTY OR VES	SEL N	AME				LUIT NU XOA		0		
G	ANY CONTRACTOR INVOLVED			CONTRACTOR	ADDRESS	S OR	OFFICE LOCATION				
	PRODUCT SPILLED SEWAGE			QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES UNKNOWN				RES	U.N. NUMBER		
Н	, , , , , , , , , , , , , , , , , , ,				ANTITY IN LITRES, KILOGRAMS OR CUBIC METRES				U.N. NUMBER		
<u> </u>	SPILL SOURCE SPILL CAUSE plugged sev					r lir	1e		AREA OF CONTAMIN	NATION IN	SQUARE METRES
•	FACTORS AFFECTING SPILL OR RECOVERY DESCRIBE ANY ASSISTANCE REQUIRED							HAZARDS TO PERSO	ONS, PROI	PERTY OR ENVIRONMENT	
J											
K	GREASE AND DE SURFACE. IINE W										W TO
L	REPORTED TO SPILL LINE BY MIKE HATFIELD		POSITION MANAGER UT	ΓILIDOR	CITY		F IQALUIT		CATION CALLING FRO		TELEPHONE 867-979-5632
M	ANY ALTERNATE CONTACT JOSEPH BROWN		POSITION SUPERINTEN	DANT	CITY		F IQALUIT		TERNATE CONTACT 5540 CATION		867-979-5631
Г				REPORT LIN	IE USE C	DNLY					
N	RECEIVED AT SPILL LINE BY		POSITION		EMPLO'	YER		LO	CATION CALLED		REPORT LINE NUMBER
N			STATION OPERATOR					YE	LLOWKNIFE, NT		(867) 920-8130
	DAGENCY DEC DCCG DC			□ NEB □ TC			CANCE MINOR M	IAJOF		FILE STAT	US OPEN CLOSED
AGE	AGENCY CONTACT NAME CONTACT TIME REMARKS										
	D AGENCY										
FIR:	ST SUPPORT AGENCY		<u></u>								
SECOND SUPPORT AGENCY											
THI	THIRD SUPPORT AGENCY										





NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

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.]	REPORT DATE: MONTH - DAY -	-YEAR	REPORT TIME		CORIGINAL SPILL REPORT,			
Α	MARCH 22 2016		1	4:40		XORIGINAL SPILL REP	ORT,	REPORT NUMBER
	OCCURRENCE DATE: MONTH -	- DAY - YEAR	00	CCURREN	CE TIME	□ UPDATE #		16.089
В	MARCH 18 2016		c)1:15 <i>A</i>	λM	TO THE ORIGINAL SPILL	REPORT	
С	LAND USE PERMIT NUMBER (I	F APPLICABLE)		W	ATER LICENCE NUMBER	(IF APPLICABLE)		
D	GEOGRAPHIC PLACE NAME OF	R DISTANCE AND DIRECTION	FROM NAMED LOC	CATION	REGION			
	NORTHMART			1.0	NWT XNUNAVL	T DADJACENT JUR	ISDICTION	OR OCEAN
Ε	DEGREES DEGREES	MINUTES	SECONDS		NGITUDE GREES	MINUTES	SE	ECONDS
_	RESPONSIBLE PARTY OR VES			RTY ADDR	ESS OR OFFICE LOCAT	ON		
F	CITY OF IQALUIT				LUIT,NU X0A	OH0		
G	ANY CONTRACTOR INVOLVED		CONTRACTOR AD	DRESS OF	OFFICE LOCATION			
	PRODUCT SPILLED SEWAGE/WATER		QUANTITY IN LITE UNKNOW!		RAMS OR CUBIC METR	ES U.N. NUMBER		
Н	SECOND PRODUCT SPILLED (I	F APPLICABLE)	QUANTITY IN LITR	ES, KILOG	RAMS OR CUBIC METR	ES U.N. NUMBER		
1	SPILL SOURCE BROKEN BALL VA	ALVE	SPILL CAUSE LEAK FRO	M BR	OKEN VALVE	AREA OF CONTAM UNKNOWN		SQUARE METRES
J	FACTORS AFFECTING SPILL O		DESCRIBE ANY AS	SSISTANCE	REQUIRED	HAZARDS TO PERS	SONS, PROF	PERTY OR ENVIRONMENT
	ADDITIONAL INFORMATION, CO	OMMENTS, ACTIONS PROPO	SED OR TAKEN TO (CONTAIN, I	RECOVER OR DISPOSE	OF SPILLED PRODUCT A	AND CONTA	MINATED MATERIALS
K	A.M. BALL VALVE VALVE WAS IMME IN LAGOON	· · · · · · · · · · · · · · · · · · ·				WASTE REMO	OVED A	ND PLACED
ı	REPORTED TO SPILL LINE BY	POSITION		MPLOYER		LOCATION CALLING FR		ELEPHONE
_	MIKE HATFIELD ANY ALTERNATE CONTACT	MANAGER UT		MPLOYER	F IQALUIT	1554D ALTERNATE CONTACT		867-979-5632 ALTERNATE TELEPHONE
M	JOSEPH BROWN	SUPERINTEN	DANT (CITY O	F IQALUIT	1554P		867-979-5631
			REPORT LINE					
N	RECEIVED AT SPILL LINE BY	POSITION	E	MPLOYER		LOCATION CALLED		REPORT LINE NUMBER
	AGENCY DEC DCCG DG	STATION OPERATOR	D NEB DITC	SIGNIFIC	CANCE MINOR MA	YELLOWKNIFE, NT		867) 920-8130 JS □ OPEN □ CLOSED
_		CONTACT NAME		CONTAC		REMARKS		00 20.20 20002
	DAGENCY							
FIRST SUPPORT AGENCY								
SEC	OND SUPPORT AGENCY			-				
	ID SUPPORT AGENCY							





NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	REPORT DATE: MONTH - DAY - YEAR MARCH 22 2016				114-411			RIGINAL SPILL REP	ORT,	REPORT NUMBER	
	OCCURRENCE DATE: MONTH	- DA	Y-YEAR		OCCURR		TIME		PDATE #		16 - 089
В	MARCH 18 2016				01:15	5 AN	n .	TOT	THE ORIGINAL SPILL	. REPORT	
С	LAND USE PERMIT NUMBER (IF AP	PLICABLE)			WATE	R LICENCE NUMBER	(IF A	APPLICABLE)		
D	GEOGRAPHIC PLACE NAME O	OR DIS	STANCE AND DIRECTION	FROM NAMED L	OCATION		EGION NWT X NUNAVU	JT	☐ ADJACENT JUR	ISDICTION	OR OCEAN
Е	LATITUDE					LONG	IITUDE				
_	DEGREES RESPONSIBLE PARTY OR VES			SECONDS		DEGR	REES S OR OFFICE LOCATI	ION	MINUTES	St	ECONDS
F	CITY OF IQALUIT	•	IAUME	РО ВОХ	460 IQ	QALI	UIT,NU X0A		0		
G	ANY CONTRACTOR INVOLVED)		CONTRACTOR	ADDRESS	S OR OF	FFICE LOCATION				
	PRODUCT SPILLED SEWAGE/WATER SECOND PRODUCT SPILLED (IF APPLICABLE)			QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES UNKNOWN				ES	U.N. NUMBER		
Н	SECOND PRODUCT SPILLED (IF APPLICABLE) SPILL SOURCE			QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES			ES	U.N. NUMBER			
	BROKEN BALL VALVE			SPILL CAUSE	OM B	BROK	KEN VALVE		AREA OF CONTAMI		SQUARE METRES
J	FACTORS AFFECTING SPILL OF		DESCRIBE ANY	'ASSISTAN	NCE RI	EQUIRED		HAZARDS TO PERS	SONS, PROP	PERTY OR ENVIRONMENT	
_	ADDITIONAL INFORMATION, O			SED OR TAKEN T	O CONTAIL	IN REC	COVER OR DISPOSE	OF S	PILLED PRODUCT A	AND CONTA	MINATED MATERIALS
K	VALVE WAS IMM IN LAGOON	ED	ATELY REPLA	CED AND	AREA	A CL	EANED ALL	. W .	ASTE REMO	VED A	ND PLACED
L	REPORTED TO SPILL LINE BY MIKE HATFIELD	,	POSITION MANAGER UT	TILIDOR	CITY		IQALUIT	1	CATION CALLING FR		ELEPHONE 867-979-5632
M	ANY ALTERNATE CONTACT JOSEPH BROWN		POSITION SUPERINTENI	DANT	CITY		IQALUIT		ERNATE CONTACT		ALTERNATE TELEPHONE 867-979-5631
	1		l	REPORT LIN	IE USE O	DNLY					
N	RECEIVED AT SPILL LINE BY		POSITION		EMPLOY	YER		LOC	CATION CALLED	I	REPORT LINE NUMBER
			STATION OPERATOR		<u> </u>			YEL	LOWKNIFE, NT	(867) 920-8130
LEA	DAGENCY DEC DCCG DC	GNW	GN DILA DINAC	□ NEB □ TC	SIGN	NIFICA	NCE IMINOR IMA	AJÓR	UNKNÓWN	FILE STAT	JS 🗆 OPEN 🗆 CLOSED
AGE	NCY	CON	TACT NAME		CON.	NTACT 1	ГІМЕ		REMARKS		
LEA	D AGENCY										
FIRST SUPPORT AGENCY											
SECOND SUPPORT AGENCY				_							
THIF	RD SUPPORT AGENCY										





NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

					REPORT TIME					
Α	March 29 2016		0	8:15		XORIGINAL SPILL REP OR	ORT,	REPORT NUMBER		
_	OCCURRENCE DATE: MONTH -	- DAY - YEAR	00	CCURREN	CE TIME	UPDATE #		16.093		
В	March 28 2016		0	9:11		TO THE ORIGINAL SPILI	_ REPORT	/~~/		
С	LAND USE PERMIT NUMBER (IF	APPLICABLE)		W	ATER LICENCE NUMBER	(IF APPLICABLE)				
D	GEOGRAPHIC PLACE NAME OF House 588	R DISTANCE AND DIRECTION	FROM NAMED LOC	CATION	REGION	JT □ ADJACENT JUR	ISDICTION	OR OCEAN		
_	LATITUDE			LC	NGITUDE					
E	DEGREES	MINUTES	SECONDS	DE	EGREES	MINUTES	SE	CONDS		
-	RESPONSIBLE PARTY OR VESS	SEL NAME	ł		ESS OR OFFICE LOCATI					
F	City of Iqaluit		PO Box 46	460lqaluit,NU X0A 0H0						
G	ANY CONTRACTOR INVOLVED		CONTRACTOR ADI	DRESS OF	R OFFICE LOCATION					
	PRODUCT SPILLED		QUANTITY IN LITRI	ES, KILOG	RAMS OR CUBIC METRI	ES U.N. NUMBER				
11	SEWAGE		UNKNOW	N						
Η	SECOND PRODUCT SPILLED (II	F APPLICABLE)	QUANTITY IN LITRI	ES, KILOG	RAMS OR CUBIC METRI	ES U.N. NUMBER				
1	SPILL SOURCE		SPILL CAUSE			AREA OF CONTAM	INATION IN	SQUARE METRES		
ı	AV		Clogged/C	ollaps	ed line					
J	FACTORS AFFECTING SPILL OF Snow removal	DESCRIBE ANY AS	SSISTANCE	E REQUIRED	HAZARDS TO PERS	ONS, PROP	PERTY OR ENVIRONMENT			
	ADDITIONAL INFORMATION, CO	DMMENTS, ACTIONS PROPO	SED OR TAKEN TO C	CONTAIN, I	RECOVER OR DISPOSE	OF SPILLED PRODUCT	AND CONTA	MINATED MATERIALS		
K	A call was received from home owner on March 24th 2016 stating there was water running under her house from a near by A/V. Our technician went and reviewed the area and reported back that the water had stopped and we will address the issue after the long weekend. On March 27 more water was flowing we went to see and again it had stopped i told the home owner we would address the issue on March 29th. On Sunday we sent roads crew to make the vault and hydrant accessable for									
	inspect the line wi	now removal and d in to clean the A th a camera to do	I some grass A/V. Sewage etermine the	s and was r cause	cement fell in temoved to Lage of back flow.	e cement cover the A/V so a se goon and a pla	to the wer tru n is bei	A/V was ick and ng made to		
L	REPORTED TO SPILL LINE BY	now removal and in to clean the A	I some grass A/V. Sewage etermine the	s and was recause	cement fell in temoved to Lage of back flow.	e cement cover the A/V so a se	T to the wer tru	A/V was ck and		
L	inspect the line wi	now removal and din to clean the A th a camera to do	I some grass A/V. Sewage etermine the	s and was recause	cement fell in the moved to Lage of back flow.	e cement cover the A/V so a se goon and a plan	r to the wer tru	A/V was ick and ng made to		
L	REPORTED TO SPILL LINE BY MIKE HATFIELD ANY ALTERNATE CONTACT	now removal and d in to clean the A th a camera to do POSITION MANAGER POSITION	I some grass A/V. Sewage etermine the	s and was recause	cement fell in the semoved to Lage of back flow. OF IQALUIT	the A/V so a segoon and a plant LOCATION CALLING FR 1554D	r to the wer tru	A/V was ick and ng made to		
	REPORTED TO SPILL LINE BY MIKE HATFIELD ANY ALTERNATE CONTACT	now removal and d in to clean the A th a camera to do POSITION MANAGER POSITION	A/V. Sewage etermine the	s and was recause	cement fell in the moved to Lage of back flow. OF IQALUIT OF IQALUIT	the A/V so a segoon and a plant LOCATION CALLING FR 1554D	r to the wer tru	A/V was ick and ng made to		
L M	REPORTED TO SPILL LINE BY MIKE HATFIELD ANY ALTERNATE CONTACT JOE BROWN	now removal and d in to clean the A th a camera to do POSITION MANAGER POSITION SUPERINTEN	A/V. Sewage etermine the	s and was recause	cement fell in the moved to Lage of back flow. OF IQALUIT OF IQALUIT	LOCATION CALLING FR 1554D ALTERNATE CONTACT LOCATION	r to the wer tru	A/V was ick and ng made to ELEPHONE 867-979-5632 LITERNATE TELEPHONE 867-979-5631		
N	REPORTED TO SPILL LINE BY MIKE HATFIELD ANY ALTERNATE CONTACT JOE BROWN	POSITION STATION OPERATOR	I some grass A/V. Sewage etermine the	s and was recause	cement fell in the moved to Lage of back flow. OF IQALUIT OF IQALUIT	LOCATION CALLING FR 1554D ALTERNATE CONTACT LOCATION CALLED VELLOWKNIFE, NT	T to the wer tru	A/V was ick and ing made to ELEPHONE 867-979-5632 ELETRINATE TELEPHONE 867-979-5631		
N	REPORTED TO SPILL LINE BY MIKE HATFIELD ANY ALTERNATE CONTACT JOE BROWN RECEIVED AT SPILL LINE BY D AGENCY DEC DCCG DG	POSITION STATION OPERATOR	I some grass A/V. Sewage etermine the	s and was recause	cement fell in the moved to Lage of back flow. DF IQALUIT OF IQALUIT CANCE MINOR MA	LOCATION CALLING FR 1554D ALTERNATE CONTACT LOCATION CALLED VELLOWKNIFE, NT	T to the wer tru	A/V was ick and ing made to ELEPHONE 867-979-5632 LITERNATE TELEPHONE 867-979-5631 ELEPORT LINE NUMBER 867) 920-8130		
N LEAI	REPORTED TO SPILL LINE BY MIKE HATFIELD ANY ALTERNATE CONTACT JOE BROWN RECEIVED AT SPILL LINE BY D AGENCY DEC DCCG DG	POSITION POSITION STATION OPERATOR NWT GN GILA GINAC	I some grass A/V. Sewage etermine the	s and was recause	cement fell in the moved to Lage of back flow. DF IQALUIT OF IQALUIT CANCE MINOR MA	LOCATION CALLING FR 1554D ALTERNATE CONTACT 10CATION CALLED VELLOWKNIFE, NT NOR UNKNOWN	T to the wer tru	A/V was ick and ing made to ELEPHONE 867-979-5632 LITERNATE TELEPHONE 867-979-5631 ELEPORT LINE NUMBER 867) 920-8130		
N LEAI AGE	REPORTED TO SPILL LINE BY MIKE HATFIELD ANY ALTERNATE CONTACT JOE BROWN RECEIVED AT SPILL LINE BY D AGENCY DEC DCCG DE	POSITION POSITION STATION OPERATOR NWT GN GILA GINAC	I some grass A/V. Sewage etermine the	s and was recause	cement fell in the moved to Lage of back flow. DF IQALUIT OF IQALUIT CANCE MINOR MA	LOCATION CALLING FR 1554D ALTERNATE CONTACT 10CATION CALLED VELLOWKNIFE, NT NOR UNKNOWN	T to the wer tru	A/V was ick and ing made to ELEPHONE 867-979-5632 LITERNATE TELEPHONE 867-979-5631 ELEPORT LINE NUMBER 867) 920-8130		
N LEAI AGE LEAI FIRS	REPORTED TO SPILL LINE BY MIKE HATFIELD ANY ALTERNATE CONTACT JOE BROWN RECEIVED AT SPILL LINE BY D AGENCY DEC DCG DA	POSITION POSITION STATION OPERATOR NWT GN GILA GINAC	I some grass A/V. Sewage etermine the	s and was recause	cement fell in the moved to Lage of back flow. DF IQALUIT OF IQALUIT CANCE MINOR MA	LOCATION CALLING FR 1554D ALTERNATE CONTACT 10CATION CALLED VELLOWKNIFE, NT NOR UNKNOWN	T to the wer tru	A/V was ick and ing made to ELEPHONE 867-979-5632 LITERNATE TELEPHONE 867-979-5631 ELEPORT LINE NUMBER 867) 920-8130		





OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

REPORT DATE: MONTH – DAY – YEAR					REPORT TIME		n.T	
Α	March 29 2016			08:15		▼ORIGINAL SPILL REPOR	RI,	REPORT NUMBER
В	OCCURRENCE DATE: MONTH - March 28 2016	- DAY - YEAR		OCCURRE 09:11	NCE TIME	UPDATE #TO THE ORIGINAL SPILL F	REPORT	16 - 093
С	LAND USE PERMIT NUMBER (II	F APPLICABLE)		V	VATER LICENCE NUMBER	(IF APPLICABLE)		
D	GEOGRAPHIC PLACE NAME OF House 588	R DISTANCE AND DIRECTION	FROM NAMED LO	OCATION	REGION NWT MUNAVL	JT ☐ ADJACENT JURIS	DICTION (OR OCEAN
E	LATITUDE			L	ONGITUDE			
			SECONDS		DEGREES	MINUTES	SE	CONDS
F	RESPONSIBLE PARTY OR VES City of Iqaluit	SEL NAME	1		ress or office locati uit,NU X0A 0H0			
G	ANY CONTRACTOR INVOLVED		CONTRACTOR A	ADDRESS C	OR OFFICE LOCATION			
	PRODUCT SPILLED SEWAGE		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES U.N. NUMBER UNKNOWN					
Н	SECOND PRODUCT SPILLED (I	IF APPLICABLE)	QUANTITY IN LI	TRES, KILO	GRAMS OR CUBIC METRI	ES U.N. NUMBER		
-	SPILL SOURCE SPILL CAUSE Clogge				sed line	AREA OF CONTAMIN	ATION IN	SQUARE METRES
J	FACTORS AFFECTING SPILL O	R RECOVERY	•	CE REQUIRED	HAZARDS TO PERSO	NS, PROP	PERTY OR ENVIRONMENT	
	ADDITIONAL INFORMATION, C	OMMENTS. ACTIONS PROPO	SED OR TAKEN TO	O CONTAIN	RECOVER OR DISPOSE	OF SPILLED PRODUCT AN	ID CONTA	MINATED MATERIALS
K	A call was received house from a near water had stopped was flowing we wissue on March 25 work on Tuesday damaged during stollaster were called inspect the line was stored in the stored was stored with the stored was sto	r by A/V. Our tech d and we will add ent to see and ag eth. On Sunday w and our operator snow removal and d in to clean the A ith a camera to de	nician wer ress the isa ain it had se e sent road noticed se I some gra A/V. Sewag	nt and is sue aft stopped de crevage fass and ge was ne caus	reviewed the ar er the long wee d i told the hom v to make the va flowing out. The cement fell in the removed to Lag se of back flow.	ea and reported kend. On March le owner we wor ault and hydrant cover the A/V so a sew goon and a plan	back 127 m uld ad t acce to the ver tru is bei	that the ore water dress the ssable for A/V was ick and ng made to
L	MIKE HATFIELD	MANAGER		CITY (R OF IQALUIT	1554D	1	867-979-5632
M	JOE BROWN	POSITION SUPERINTEN	DANT	CITY (OF IQALUIT	ALTERNATE CONTACT 1554D LOCATION		11 NATE TELEPHONE 867-979-5631
			REPORT LIN	E USE ON	LY	· .		
N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR		EMPLOYE	R	LOCATION CALLED YELLOWKNIFE, NT		REPORT LINE NUMBER 867) 920-8130
LEA	L DAGENCY□EC □CCG □G		□ NEB □ TC	SIGNIF	FICANCE MINOR M/			JS OPEN CLOSED
AGE	NCY	CONTACT NAME		CONTA	ACT TIME	REMARKS		
LEAD AGENCY								
FIRST SUPPORT AGENCY								
SECOND SUPPORT AGENCY								
THIRD SUPPORT AGENCY								





OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	REPORT DATE: MONTH 12-04-2016	I-DAY-YEAR		3.30	PRT TIME	☑ OR	IGINAL SPILL REPO	RT, OR		ORT NUMBER
В	OCCURRENCE DATE: N unknown	MONTH - DAY - YEAR		1	URRENCE TIME nown		DATE# E ORIGINAL SPILL F	REPORT	/6	-/15
С	LAND USE PERMIT NUM	/BER (IF APPLICABLE)	,	WATER LICENCE	NUMBEF	R (IF APPLICABLE)			
D	GEOGRAPHIC PLACE N Manhole overflowe			THE NAMED	LOCATION	:	REGION ☐ NWT ☑ NUN	AVUT 🗖 AE	JACEN	T JURISDICTION OR
E	LATITUDE DEGREES MIN	UTES SECON	NDS		LONGITUDE DEGREES	MINUT	ES SECO	ONDS		
F	RESPONSIBLE PARTY (City of Igaluit	OR VESSEL NAME	1 '		E PARTY ADDRESS 0 Icaluit. NU XO		ICE LOCATION			
G	ANY CONTRACTOR INV	OLVED		CONTRACTO	R ADDRESS OR OFF	TCE LOC	CATION			
Н	PRODUCT SPILLED Sewage			QUANTITY IN UNKNOWN	LITRES, KILOGRAMS	SORCU	BIC METRES	U.N. NUM	BER	
	SECOND PRODUCT SP n/a	ILLED (IF APPLICABLE	Ξ)	QUANTITY IN	LITRES, KILOGRAMS	SORCU	BIC METRES	U.N. NUM	BER	
1	SPILL SOURCE manhole over flow	/ed		SPILL CAUSE sewer line			AREA OF O		ATION IN	N SQUARE METRES
J	FACTORS AFFECTING				NY ASSISTANCE REC rks road crew	QUIRED	HAZARDS	TO PERSO	NS, PRO	OPERTY OR EQUIPMENT
K	department respo sometime for this was a plugged set but at the nortmar	ned and realizee to happen due to wer behind 643. It location the sev	d it was sewage. the amount of si The clean up at th vage will be truck	The utilido now that he at location ted to the s	or department sta as accumalated. has made it impewage lagoon fo	arted ti	here investigat rew worked thi le for us to get losal.	ion to fin rough lur equipme	d the a nch ar	ity of iqaluits utilidor actual cause, it took nd found the cause re to do the clean up,
L_	REPORTED TO SPILL L Joseph Brown	INE BY	POSITION	-	MPLOYER City of Igaluit	- 1	LOCATION CALLIN 1554D	G FROM		TELEPHONE 867-979-3206
М	ANY ALTERNATE CON Joseph Brown	TACT	POSITION		MPLOYER City of Igaluit		ALTERNATE CONT 1554D	'ACT LOCA'	TION	ALTERNATE TELEPHONE 867-9795631
REPO	RT LINE USE ONLY									
N	RECEIVED AT SPILL L	INE BY	POSITION Station operato		EMPLOYER		Yellowknife, N			REPORT LINE NUMBER (867) 920-8130
LEAD /	LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB [SIGNIFICANCE M	MINOR [MAJOR UNK	IOWN	FILE ST CLOSE	TATUS OPEN O
AGEN	CY	CONTACT NAME		(CONTACT TIME		REMARKS			
LEAD	EAD AGENCY									
FIRST	IRST SUPPORT AGENCY									
SECO	COND SUPPORT AGENCY									
THIRD	SUPPORT AGENCY									





NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE TEL: (867) 920-8130

TEL: (867) 920-8130 FAX: (867) 873-6924

EMAIL: spills@gov.nt.ca

REPORT DATE: MONTH – DAY – YEAR REPORT TIME					ME		0.0.7		
Α	12-04-16			13:30		☐ ORIGINAL SPILL REP OR	ORI,	REPORT NUMBER	
В	OCCURRENCE DATE: MONTH – 12-04-16	DAY – YEAR		OCCURREN	NCE TIME	UPDATE #TO THE ORIGINAL SPILE	REPORT	16 - 115	
С	LAND USE PERMIT NUMBER (IF	APPLICABLE)		W	ATER LICENCE NUMBER	(IF APPLICABLE)			
D	GEOGRAPHIC PLACE NAME OF manhole over flow		FROM NAMED LO	OCATION	REGION NWT NUNAVU	JT 🗆 ADJACENT JUR	ISDICTION	OR OCEAN	
_	LATITUDE			L	ONGITUDE				
E	DEGREES I	MINUTES	SECONDS	D	EGREES	MINUTES	Si	ECONDS	
F	RESPONSIBLE PARTY OR VESS City of Iqaluit	SEL NAME			RESS OR OFFICE LOCAT				
G	ANY CONTRACTOR INVOLVED		CONTRACTOR A	DDRESS O	R OFFICE LOCATION				
	PRODUCT SPILLED Sewage		QUANTITY IN LIT	RES, KILO	GRAMS OR CUBIC METR	ES U.N. NUMBER			
Н	SECOND PRODUCT SPILLED (III	QUANTITY IN LIT	res, Kilo	GRAMS OR CUBIC METR	ES U.N. NUMBER				
1	SPILL SOURCE SPILL CAUSE plugged					AREA OF CONTAM unknown	AREA OF CONTAMINATION IN SQUARE METRES		
	FACTORS AFFECTING SPILL OF	DESCRIBE ANY		CE DECULIDED		CONS DDOS	PERTY OR ENVIRONMENT		
J	location accessab	DESCRIBE AINT	ASSIS IAIVO	JE REQUIRED	HAZARDS TO PERS	50N5, FRO	PER LE OR ENVIRONMENT		
K	At early morning a city staff it was de into the area to de manhole to be the tomorrow we will e	termined to be se termine loss of flo cause. All contar	wage wate ow or bloc ninated are	er with kage a eas ha	no solids. We t nd at approx 14 ve been burme	traced and flus 430 hrs we fou d with snow ar	hed lin	es entering overflowed	
L	REPORTED TO SPILL LINE BY MIKE Hatfield	POSITION Manager		City of	^੨ f lqaluit	LOCATION CALLING FR		TELEPHONE 867-222-2966	
M	ANY ALTERNATE CONTACT Joe Brown	POSITION Superintendal	nt	City o	ր f lqaluit	ALTERNATE CONTACT	,	867-222-2956	
		· · · · · ·	REPORT LINI	E USE ONI	LY				
N	RECEIVED AT SPILL LINE BY	POSITION		EMPLOYER	R	LOCATION CALLED		REPORT LINE NUMBER	
17		STATION OPERATOR				YELLOWKNIFE, NT	,	(867) 920-8130	
LEA	DAGENCY DEC DCCG DG	NWT □GN □ILA □INAC	□ NEB □TC	SIGNIF	FICANCE MINOR M	AJOR 🗆 UNKNOWN	FILE STAT	US □ OPEN □ CLOSED	
AGE	NCY	CONTACT NAME		CONTA	ACT TIME	REMARKS			
LEA	D AGENCY								
FIRST SUPPORT AGENCY									
SECOND SUPPORT AGENCY									
THIRD SUPPORT AGENCY									





Canada NT-NU SPILL REPORT OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

				,	- 101-0 - 101-1101				RE	PORT LINE USE ONLY
Α	REPORT DATE: MONT 01-14-16	H-DAY-YEAR			PORT TIME 30am	⊠ ORI	IGINAL SPILL	. REPORT, OR	REP	PORT NUMBER
В	OCCURRENCE DATE:	MONTH - DAY - YEAR	₹	OCC	CURRENCE TIME		DATE#			-
	01-13-16		5 \	8:3	0am			SPILL REPORT		
С	LAND USE PERMIT NU	IMBER (IF APPLICABL	E)		WATER LICENCE	NUMBER	(IF APPLICA	BLE)		
D	GEOGRAPHIC PLACE Nipisa Street, M.H		AND DIRECTION FRO	OM THE NAME	DLOCATION		REGION ☐ NWT ☐] nunavut 🗆 A	NDJACE	INT JURISDICTION OR
Е	LATITUDE DEGREES MI	NUTES SECC	DNDS		LONGITUDE DEGREES	MINUTI	ES	SECONDS		
F	RESPONSIBLE PARTY City of laaluit	OR VESSEL NAME			LE PARTY ADDRESS aaluit. NU X0A0		CE LOCATIO	N		
G	ANY CONTRACTOR IN N/A	VOLVED		CONTRACTO	OR ADDRESS OR OF	FICE LOC	ATION			
Н	PRODUCT SPILLED Sewage with water	er main break.		QUANTITY IN unknown	N LITRES, KILOGRAM	IS OR CUE	BIC METRES	U.N. NUI	/IBER	
••	SECOND PRODUCT S Water from water		E)	QUANTITY IN unknown	N LITRES, KILOGRAM	IS OR CUE	BIC METRES	ETRES U.N. NUMBER		
ı	SPILL SOURCE part water, part sewage FACTORS AFFECTING SPILL OR RECOVERY			SPILL CAUSI water mai			A OF CONTAMIN	IATION	IN SQUARE METRES	
J	FACTORS AFFECTING SPILL OR RECOVERY				NY ASSISTANCE RECUES. Seware bla		HAZ	ARDS TO PERS	ONS, PF	ROPERTY OR EQUIPMENT
	ADDITIONAL INFORMA	OR TAKEN TO	CONTAIN, RECOVER	R OR DISF	POSE OF SPI	LLED PRODUCT	AND C	ONTAMINATED MATERIALS		
K	While a seware by towards M.H.37 a The water main w	aster kept blasting ong Nipisa Street as closed to stop	ng through locati et. o the over flow of	ons from li	ft station #1 towa the sewage syst	ards lift tem to r	station #2	to clear up a	any po Opm.	at 8:30am unitl 3:30pm. Desible obstructions That is when the an able to keep up with
L	REPORTED TO SPILL I	LINE BY	POSITION Utility Foreman		EMPLOYER City of Igaluit		OCATION C	ALLING FROM		TELEPHONE 867-979-3206
М	ANY ALTERNATE CON Matthew Hamp	TACT	POSITION Director of PW		EMPLOYER City of Igaluit		ALTERNATE (CONTACT LOCA	TION	ALTERNATE TELEPHONE 867-9795653
REPOR	RT LINE USE ONLY									
N	RECEIVED AT SPILL L	LINE BY	POSITION Station operator		EMPLOYER		_OCATION C. Yellowkni			REPORT LINE NUMBER (867) 920-8130
LEAD A	GENCY EC CCG	G GNWT GN G	ILA INAC NE	B □ TC	SIGNIFICANCE N	IINOR 🗆	MAJOR 🔲	UNKNOWN	FILE ST	TATUS OPEN
AGENC	CY CY	CONTACT NAME			CONTACT TIME	F	REMARKS			
LEAD A	EAD AGENCY									
FIRST S	FIRST SUPPORT AGENCY									
SECOND SUPPORT AGENCY										
THIRD	HRD SUPPORT AGENCY									





OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

										RE	PORT LINE USE ONLY
Α	REPORT DATE: MONT 01-20-16	H – DAY – YEAR			ORT TIME 28am	⊠ OR	IGINAL S	SPILL REPO	ORT, OR	REP	ORT NUMBER
В	OCCURRENCE DATE: 01-19-16	MONTH – DAY – YEAF	₹	OCC 7:50	URRENCE TIME)pm	_	DATE# E ORIGIN	NAL SPILL F	REPORT		
С	LAND USE PERMIT NU	MBER (IF APPLICABLI	≣)		WATER LICENCE	NUMBER	R (IF APP	LICABLE)		-	
D	GEOGRAPHIC PLACE Sinaa Street, M.H.		AND DIRECTION FROM THE I	NAMED	LOCATION		REGIO		AVUT 🗆 AI	DJACE	NT JURISDICTION OR
Е	LATITUDE DEGREES MIN	NUTES SECO	NIDO		LONGITUDE DEGREES	MINUT	-E0	SECC	NIDE		
F	RESPONSIBLE PARTY City of laaluit		RESPO		E PARTY ADDRESS Maluit. NU XOAOH	OR OFFI			JADO		
G	ANY CONTRACTOR IN N/A	VOLVED	CONT	RACTO	R ADDRESS OR OFF	FICE LOC	CATION				
Н	PRODUCT SPILLED Sewage		QUAN unk n		LITRES, KILOGRAMS	S OR CU	BIC MET	RES	U.N. NUM	IBER	
• •	SECOND PRODUCT SI	PILLED (IF APPLICABL	E) QUAN	QUANTITY IN LITRES, KILOGRAMS OR CU				RES	U.N. NUM	1BER	
l	SPILL SOURCE M.H.13			CAUSE 6. gre a				AREA OF C Unknow		ATION	IN SQUARE METRES
J					NY ASSISTANCE REC	QUIRED		HAZARDS	TO PERSC	NS, PR	ROPERTY OR EQUIPMENT
K			M.H.13. By the time the city was called to clean						n, it was	appro	oximately 8:35pm.
L	REPORTED TO SPILL I Paul Keenainak	LINE BY	POSITION Utilidor Foreman		MPLOYER Citv of laaluit		LOCATIC 1554D	ON CALLING	FROM		TELEPHONE 867-979-3206
M	ANY ALTERNATE CON Matthew Hamp	TACT	POSITION Director of PW		MPLOYER City of Iqaluit		ALTERNA City Ha	ATE CONTA A II	ACT LOCAT	TION	ALTERNATE TELEPHONE 867-979-5653
REPOF	RT LINE USE ONLY										
N	RECEIVED AT SPILL L	INE BY	POSITION Station operator	E	MPLOYER			ON CALLED Knife, NT			REPORT LINE NUMBER (867) 920-8130
LEAD A	AGENCY EC CCG	GNWT GN C	I ILA 🗌 INAC 🗌 NEB 🗌 TO	S	IGNIFICANCE M	INOR 🗆	MAJOR	☐ UNKNO)VVNI	FILE ST	TATUS OPEN O
AGENO	CY	CONTACT NAME		С	ONTACT TIME		REMARK	(S			
LEAD A	AGENCY										
FIRST	IRST SUPPORT AGENCY										
SECON	SECOND SUPPORT AGENCY										
	THIRD SUPPORT AGENCY										





OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	REPORT DATE: MONTH – DAY	RT DATE: MONTH – DAY – YEAR			REPOR	REPORT TIME				RIGINAL SPILL REPO	ORT,	DEDODT NUMBER
/ \	OCCURRENCE DATE: MONTH	TH – DAY – YEAR			OCCUE				OR	PDATE #		REPORT NUMBER
В	COOCH LENGE BALL MOINT	. 571	WI TEXIT			OL TIME			THE ORIGINAL SPILL	REPORT	-	
С	LAND USE PERMIT NUMBER (IF APPLICABLE)				WATER LICENCE NUMBER (IF			(IF A	PPLICABLE)			
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FRO				REGION REGION NWT NUNAVUT			JT	☐ ADJACENT JURI	SDICTION	OR OCEAN	
_	LATITUDE					LONGITUDE					0.1.0027.1.1	
Е	DEGREES	MIN	UTES	SECONDS DEGREES					MINUTES SECONDS			
F	RESPONSIBLE PARTY OR VE	SSEL	NAME	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION								
G	ANY CONTRACTOR INVOLVED	D		CONTRACTOR ADDRESS OR OFFICE LOCATION								
	PRODUCT SPILLED			QUANTITY IN LI	ITRES, KILOGRAMS OR CUBIC METRES			ΞS	U.N. NUMBER			
Н	SECOND PRODUCT SPILLED (IF APPLICABLE)			QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES					ΞS	U.N. NUMBER		
I	SPILL SOURCE			SPILL CAUSE						AREA OF CONTAMIN	NATION IN	SQUARE METRES
J	FACTORS AFFECTING SPILL (OR RE	ECOVERY	DESCRIBE ANY	ASSIST	ANCE	REQUIRED			HAZARDS TO PERSONS, PROPERTY OR ENVIRONMENT		
K												
L	REPORTED TO SPILL LINE BY	1	POSITION	EMPLOY		YER	ER LC		LOC	DCATION CALLING FROM		ΓELEPHONE
M	ANY ALTERNATE CONTACT		POSITION						TERNATE CONTACT ALTERNATE TELEPHONE DOCATION			
	REPORT LINE USE ONLY											
Ν	RECEIVED AT SPILL LINE BY		POSITION		EMPLO	YER			LOC	ATION CALLED		REPORT LINE NUMBER
IN			STATION OPERATOR						YELL	LLOWKNIFE, NT (867) 920-8130		867) 920-8130
LEAD AGENCY EC CCG GNWT GN ILA						GNIFICANCE MINOR MAJO					US □ OPEN □ CLOSED	
		DNTACT NAME			CONTACT TIME				REMARKS			
	FIRST SUPPORT AGENCY								+			
SECOND SUPPORT AGENCY									\dagger			
THIR	D SUPPORT AGENCY											





NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

٨	1		REPORT TIME			ORIGINAL SPILL REPORT.				
<u>A</u>	july/23/16			1823			OR		REPORT NUMBER	
В	july/23/16	E DATE: MONTH – DAY – YEAR 16					PDATE # THE ORIGINAL SPILL	REPORT		
С	LAND USE PERMIT NUMBER (WATER LICENCE NUMBER (I		R (IF A	PPLICABLE)				
_	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCAT				ON REGION					
D	northmart parking	g lot east side ma	nhole	1		□ NUNAVUT □ ADJACENT JURISDICTION OR OCEAN				
Ε	LATITUDE DEGREES	MINUTES	SECONDS		LONGITUDE DEGREES MINUTES SECONDS					
F	RESPONSIBLE PARTY OR VES	SSEL NAME	RESPONSIBLE PA	RTY ADDE	RESS OR OFFICE LOCA					
	CITY OF IQALUIT				ALUIT NU X0A	OHO)			
G	ANY CONTRACTOR INVOLVED)	CONTRACTOR AD	DRESS O	R OFFICE LOCATION					
	PRODUCT SPILLED SEWAGE		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES 30 LITRES			RES	U.N. NUMBER			
Н	SECOND PRODUCT SPILLED	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES U.N. NUMBER								
1	SPILL SOURCE MANHOLE		SPILL CAUSE PLUGGED	AND	OVERFLOWE	D	AREA OF CONTAMINATION IN SQUARE METRES 4-6			
J	FACTORS AFFECTING SPILL (DESCRIBE ANY ASSISTANCE REQUIRED			HAZARDS TO PERSONS, PROPERTY OR ENVIRONMENT					
0	ADDITIONAL INFORMATION, O	COMMENTS ACTIONS BRODE	OSED OB TAKEN TO	CONTAIN	DECOVED OF DISPOS	E OE S	BILLED BRODUCT AL	ND CONTA	MINATED MATERIALS	
K	REMOVED AND AREA CLEANED WITH BACK HOE AND FRESH GRAVEL APPLIED TO AFFECTED AREA AND RESIDUALS WERE TAKEN TO LAGOON K									
L	REPORTED TO SPILL LINE BY MIKE HATFIELD	POSITION MGR UTILIDO	OR CITY		TOF IQALUIT	LOCATION CALLING FROM		1	TELEPHONE 8679795632	
M	ANY ALTERNATE CONTACT MATT HAMP	POSITION DIRECTOR							8679795631	
	<u></u>	<u> </u>	REPORT LINE	USE ONL	.Y	1				
N	RECEIVED AT SPILL LINE BY POSITION		EMPLO						REPORT LINE NUMBER	
	 	STATION OPERATOR		1			ELLOWKNIFE, NT (867) 920-8130			
LEAD AGENCY EC CCG GNWT GN ILA INAC NEB CONTACT NAME					SIGNIFICANCE MINOR MAJOR UNKNOWN FILE ST			FILE STAT	US OPEN CLOSED	
 	AGENCY CONTACT NAME LEAD AGENCY			001174	CONTACT TIME		TILIMATIKO			
\vdash	ST SUPPORT AGENCY	****					 		· · ·	
SECOND SUPPORT AGENCY										
\vdash	RD SUPPORT AGENCY			+						





NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924

EMAIL: spills@gov.nt.ca

Α			REPORT TIN		CORIGINAL SPILL REPORT,		REPORT NUMBER			
В		CURRENCE DATE: MONTH – DAY – YEAR OVEMber 08/2016				OR UPDATE #TO THE ORIGINAL SPIL	• •			
С	LAND USE PERMIT NUMBER (IR		07:30 am WATER LICENCE NUMBER		(IF APPLICABLE)					
D	GEOGRAPHIC PLACE NAME OF BIdg 541	REGION NWT X NUNAVU	T 🗆 ADJACENT JUF	RISDICTION	OR OCEAN					
Е	LATITUDE			LC	ONGITUDE					
L-		MINUTES	SECONDS		EGREES	MINUTES	MINUTES SECONDS			
F	city of iqaluit	SEL NAME		ISIBLE PARTY ADDRESS OR OFFICE LOCATION BOX 460 IQALUIT NU X0A 0H0						
G	ANY CONTRACTOR INVOLVED		CONTRACTOR A	DDRESS OF	R OFFICE LOCATION					
	PRODUCT SPILLED Sewage		QUANTITY IN LIT		GRAMS OR CUBIC METRI	ES U.N. NUMBER	U.N. NUMBER			
Н	SECOND PRODUCT SPILLED (I	IF APPLICABLE)	QUANTITY IN LIT	TRES, KILOG	GRAMS OR CUBIC METRE	ES U.N. NUMBER				
			50 LITRE	S APPF	REOX					
ı	SPILL SOURCE over flow from ma	ınhole	SPILL CAUSE BLOCKA	GE IN S	SEWER LINE	AREA OF CONTAIN	AREA OF CONTAMINATION IN SQUARE METRES 6-8			
J	FACTORS AFFECTING SPILL O	R RECOVERY	DESCRIBE ANY	DESCRIBE ANY ASSISTANCE REQUIRED			HAZARDS TO PERSONS, PROPERTY OR ENVIRONMENT			
_	ADDITIONAL INFORMATION, CO	OMMENTS ACTIONS BRODE	OCED OD TAKEN TO	CONTAIN	RECOVER OF DISPOSE	OF SOUL ED DOODLIST	AND CONTA	MINIATED MATERIALS		
K	MANHOLE WAS PLUGGED WITH FORIEGN SOLIDS AND OVERFLOWED APPROX 50 LITERS. THE DEBRIS WAS REMOVED AND AREA CLEANED BY CITY ROADS CREW, ALL DERIS AND OVERFLOW WAS ON TOP OF ICE SO CLEAN UP WAS VERY EFFECTIVE AND ALL CONTAMINATION WAS TAKEN TO LAGOON									
L	REPORTED TO SPILL LINE BY MIKE HATFIELD	MGR UTILIDO)R	CITY C	DF IQALUIT	LOCATION CALLING FE		ELEPHONE 867 222 2966		
M	ANY ALTERNATE CONTACT MATT HAMP	POSITION DIRECTOR		CITY C	OF IQALUIT	ALTERNATE CONTACT CITY HALL LOCATION				
			REPORT LINI	E USE ONL	.Y					
N	RECEIVED AT SPILL LINE BY	POSITION OPERATOR		EMPLOYER	3	LOCATION CALLED YELLOWKNIFE, NT		REPORT LINE NUMBER 867) 920-8130		
LEAD AGENCY DEC DCG DGNWT DGN DILA DINAC						,				
AGENCY CONTACT NAME			CONTACT TIME		REMARKS					
LEAD AGENCY			-							
FIRS	ST SUPPORT AGENCY									
SEC	OND SUPPORT AGENCY									
THIE	RD SUPPORT AGENCY									





OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	REPORT DATE: MONTH - DAY -	YEAR		REPORT TIME							
A	09/06/2016		08:1			ORIGINAL SPILL REF	PORT,	REPORT NUMBER			
В	OCCURRENCE DATE: MONTH – 08/06/2016	I – DAY – YEAR		16:38		UPDATE #TO THE ORIGINAL SPIL	L REPORT				
С	LAND USE PERMIT NUMBER (IF	APPLICABLE)	•	V	VATER LICENCE NUMBER	R (IF APPLICABLE)					
D		SEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCAT Sewage lagoon dump station									
					NWT MNUNAVI	UT ☐ ADJACENT JUI	RISDICTION	OR OCEAN			
Ε	LATITUDE DEGREES	MINUTES	SECONDS		LONGITUDE DEGREES MINUTES SECONDS						
_	RESPONSIBLE PARTY OR VESS	SEL NAME	RESPONSIBLE F	PARTY ADD	RESS OR OFFICE LOCAT	ION					
F	CITY OF IQALUIT	PO BOX 460 IQALUIT NU X0A 0H0									
G	ANY CONTRACTOR INVOLVED		CONTRACTOR A	ADDRESS (OR OFFICE LOCATION						
	PRODUCT SPILLED SEWAGE		QUANTITY IN LIT		GRAMS OR CUBIC METR	ES U.N. NUMBER	U.N. NUMBER				
Н	SECOND PRODUCT SPILLED (II	F APPLICABLE)	QUANTITY IN LI	GRAMS OR CUBIC METR	ES U.N. NUMBER	U.N. NUMBER					
ı	SPILL SOURCE OVERFLOW PIPE		SPILL CAUSE FROZEN PIPE			AREA OF CONTAIN	AREA OF CONTAMINATION IN SQUARE METRES				
J	FACTORS AFFECTING SPILL OF	R RECOVERY	DESCRIBE ANY	ASSISTAN	CE REQUIRED	HAZARDS TO PER	HAZARDS TO PERSONS, PROPERTY OR ENVIRONMENT				
	ADDITIONAL INFORMATION, CO	DMMENTS ACTIONS PROPO	SED OR TAKEN TO	O CONTAIN	RECOVER OR DISPOSE	OF SPILLED PRODUCT	AND CONTA	MINATED MATERIALS			
K	REMOVED WITH FRONT END LOADER AND DUMPED TO LAGOON.LESS THAN 1 BUCKET IN QUANTITY K										
L	REPORTED TO SPILL LINE BY MIKE HATFIELD	POSITION MGR UTILIDO	OR CIT		R OF IQALUIT	LOCATION CALLING FI	ROM	TELEPHONE 8679795632			
M	ANY ALTERNATE CONTACT POSITION				ALTERNATE CONTACT						
		,	REPORT LIN	E USE ON	LY						
N	RECEIVED AT SPILL LINE BY POSITION		EMPL		R	LOCATION CALLED		REPORT LINE NUMBER			
	STATION OPERATOR					YELLOWKNIFE, NT		(867) 920-8130			
LEAD AGENCY DEC DCCG DGNWT DGN DILA DINAC DNEB DTC					FICANCE MINOR M		<u></u>				
AGE	AGENCY CONTACT NAME			CONTACT TIME		REMARKS	REMARKS				
LEA	D AGENCY										
FIRS	ST SUPPORT AGENCY										
SEC	OND SUPPORT AGENCY										
THIE	RD SUPPORT AGENCY										