

JAN-23-2007 14:59 FROM: ARCTIC ALARM STATION 8736924

TO: GNMW

P: 1/1

Jan 23 07 08:41p City Of Iqaluit

8679794188

P.1



Canada

NT-NU SPILL REPORT

OL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE
TEL: (867) 920-8130
FAX: (867) 973-8524
EMAIL: SPILL@NT-NU.CA

REPORT LINE USE ONLY

A	REPORT DATE, MONTH DAY - YEAR 01-23-07	REPORT TIME 4:20 PM	<input checked="" type="checkbox"/> GENERAL SPILL REPORT OR <input type="checkbox"/> UPDATE # TO THE ORIGINAL SPILL REPORT	REPORT NUMBER 07-021
B	OCCURRENCE DATE, MONTH DAY - YEAR 01-19-07	OCCURRENCE TIME 8:45 AM		
C	LAND USE PERMIT NUMBER (IF APPLICABLE)	WATER LICENSE NUMBER (IF APPLICABLE)		
D	OCCURRENCE PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION Iqaluit Naval		REGION NT	
E	LATITUDE DEGREES MINUTES SECONDS		LONGITUDE DEGREES MINUTES SECONDS	
F	RESPONSIBLE PARTY OR VESSEL NAME Bruce Ainsworth	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION City of Iqaluit		
G	ANY CONTRACTOR INVOLVED NO	CONTRACTOR ADDRESS OR OFFICE LOCATION		
H	PRODUCT SPILLED Diesel Fuel	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES 80 Litres	U.N. NUMBER	
I	SPILL SOURCE Excavator	SPILL CAUSE Excavator Tipped Over	AREA OF CONTAMINATION IN SQUARE METRES 5 m ²	
J	FACTORS AFFECTING SPILL OR RECOVERY	DESCRIBE ANY ASSISTANCE REQUIRED None	HAZARDOUS TO PERSONS, PROPERTY OR EQUIPMENT None	
K	ADDITIONAL INFORMATION: COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS THE CONTAMINATED SNOW WAS REMOVED FROM THE SPILL SITE AND TAKEN TO THE LANDFILL. MY APPEARANCE IN THE LATERALS IN FILING THE REPORT. WORK AND SITUATION CONTINUED.			
L	REPORTED TO SPILL LINE BY Steven 1456	POSITION Station Operator	EMPLOYER City of Iqaluit	LOCATION CALLED FROM City of Iqaluit
M	ANY ALTERNATE CONTACT	POSITION	EMPLOYER	ALTERNATE CONTACT LOCATION
REPORT LINE USE ONLY				
N	RECEIVED AT SPILL LINE BY B.I.	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELCHING, NT
LEAD AGENCY FILE LOG: P. 0001, 0002, 0003, 0004, 0005, 0006, 0007, 0008, 0009, 0010			SIGNIFICANCE: MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> MAJOR PLUS <input type="checkbox"/> EXTREME <input type="checkbox"/>	
AGENCY	CONTACT NAME	CONTACT TIME	REMARKS	
LEAD AGENCY			NO CONTACTS COULD BE REACHED	
FIRST SUPPORT AGENCY	MAGNES Boulanger	14:56		
SECOND SUPPORT AGENCY				
THIRD SUPPORT AGENCY				

FEB-19-2007 09:32 FROM: ARCTIC ALARM STATION 8736924

TO: GNWT

P:2/2

Feb-19-2007 11:42am From: DIAND

+18678786445

T-123 P.001/001 F-009



Canada

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

 NT-NU 24-HOUR SPILL REPORT LINE
 TEL: (867) 820-8130
 FAX: (867) 873-6924
 EN AIL: spils@govt.nu.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH - DAY - YEAR February 19th, 2007	REPORT TIME	<input type="checkbox"/> ORIGINAL SPILL REPORT OR <input checked="" type="checkbox"/> UPDATE File closed TO THE ORIGINAL SPILL REPORT	REPORT NUMBER 07-036 637
B	OCCURRENCE DATE: MONTH - DAY - YEAR February 4th & 6th, 2007	OCCURRENCE TIME		
C	LAND USE PERMIT NUMBER (IF APPLICABLE)		WATER LICENCE NUMBER (IF APPLICABLE)	
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION Iqaluit, Nunavut		REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E	LATITUDE DEGREES MINUTES SECONDS		LONGITUDE DEGREES MINUTES SECONDS	
F	RESPONSIBLE PARTY OR VESSEL NAME City of Iqaluit	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION P.O. Box 480 Iqaluit, Nu XOA OHO		
G	ANY CONTRACTOR INVOLVED	CONTRACTOR ADDRESS OR OFFICE LOCATION		
H	PRODUCT SPILLED Sewage	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES 8000 L & 10,000 L	U.N. NUMBER	
	SECOND PRODUCT SPILLED (IF APPLICABLE)	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES	U.N. NUMBER	
I	SPILL SOURCE Lift stations 1 & 2	SPILL CAUSE Power failures	AREA OF CONTAMINATION IN SQUARE METRES	
J	FACTORS AFFECTING SPILL OR RECOVERY	DESCRIBE ANY ASSISTANCE REQUIRED	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT	
K	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS Areas have been cleaned up to the satisfaction of Indian and Northern Affairs Officials. It should be noted that a quick response from City officials ensured the containment and clean up of materials. It is recommended that the file be closed.			
L	REPORTED TO SPILL LINE BY	POSITION	EMPLOYER	LOCATION CALLING FROM
M	ANY ALTERNATE CONTACT	POSITION	EMPLOYER	ALTERNATE CONTACT LOCATION
REPORT LINE USE ONLY				
N	RECEIVED AT SPILL LINE BY	POSITION	EMPLOYER	LOCATION CALLED
		STATION OPERATOR		YELLOWKNIFE, NT
LEAD AGENCY <input type="checkbox"/> BC <input type="checkbox"/> COC <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> ILA <input checked="" type="checkbox"/> INAC <input type="checkbox"/> NES <input type="checkbox"/> OTC			SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN	
AGENCY			FILE STATUS: <input type="checkbox"/> OPEN <input checked="" type="checkbox"/> CLOSE:	
CONTACT NAME		REMARKS		
LEAD AGENCY	Andrew Keim 975-4289	Inspection completed		
FIRST SUPPORT AGENCY	WAC: NATNAN Kichen	02/19/07 09:29		
SECOND SUPPORT AGENCY				
THIRD SUPPORT AGENCY				

FEB-8-2007 08:12 FROM:ARCTIC ALARM STATION 8736924

TO:GNAT

P:1/2



Canada

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

 NT-NU 24-HOUR SPILL REPORT (SHE)
 TEL (NWT) 867-975-8130
 FAX (NWT) 867-975-8974
 EMAIL: nwtspill@nwt.ca

REPORT LINE USE ONLY

A	REPORT DATE MONTH DAY YEAR Feb 7, 2007	REPORT TIME 6:30 pm	IS ORIGINAL SPILL REPORT ON February 4	REPORT NUMBER 01 036
B	OCCURRENCE DATE MONTH DAY YEAR Feb 4, 2007	EXPERIENCED TIME unknown		
C	UNIQUE IDENTIFICATION NUMBER (IF APPLICABLE)			
D	GEOGRAPHIC PLACE NAME ON DISTRICT AND DIRECTION FROM NAME LOCATION Lower Iqaluit Lift Station #1			
E	LATITUDE 61° 15' N			
F	RESPONSIBLE PARTY (IF APPLICABLE) City of Iqaluit			
G	CONTRACTOR ADDRESS OR OFFICE LOCATION Po Box 480 Iqaluit, Nunavut X0A0H0			
H	PRODUCT(S) SPILLED Sewage			
I	QUANTITY IN LITERS, VOLUME OR OTHER MEASURES 10,000 Liters			
J	QUANTITY IN LITERS, VOLUME OR OTHER MEASURES Variable Frequency Drive Fault			
K	AREAS OF CONTAMINATION BY SPILLAGE 5000 square feet			
L	ADDITIONAL INFORMATION, COMMENTS, ACTIONS, PROCEEDINGS OR TAKEN TO CONTAIN OR CLEANUP OR DISPOSED OF SPILL OR PRODUCT AND CONTAMINATION MATERIALS We do have backup power but due to the power surges and brown-outs in the power our Variable Frequency Drives that start the pumps failed. Due to the winds of 135 kilometers an hour and the visibility near zero I was unable to respond to the call-out.			
M	AMENDMENT: The road crew has begun to clean the area today February 7, 2007. The road crew will be unable to put any equipment on the sea ice which leaves an area of about 2000 square feet that will be cleaned up. The road crew took 54 cubic yards of sewage to the sewage lagoon site.			
N	REPORTED TO SPILL LINE BY Ray Shipman	POSITION Utilidor Foreman	EMPLOYER City of Iqaluit	LOCATION CALLING FROM Iqaluit
O	SPILL LINE CONTACT Steve Iyago	POSITION Superintendent	EMPLOYER City of Iqaluit	LOCATION CONTACT Iqaluit
P	REPORT LINE USE ONLY			
Q	REPORTED TO SPILL LINE BY David Jessiman	POSITION Station Operator	EMPLOYER City of Iqaluit	LOCATION CALLING FROM Iqaluit
R	REPORT LINE USE ONLY			
S	REPORT LINE USE ONLY			
T	REPORT LINE USE ONLY			
U	REPORT LINE USE ONLY			
V	REPORT LINE USE ONLY			
W	REPORT LINE USE ONLY			
X	REPORT LINE USE ONLY			
Y	REPORT LINE USE ONLY			
Z	REPORT LINE USE ONLY			

PAGE 1 OF



N.W.T. SPILL REPORT

For use by the Northern Territories
Department of Environment and Natural Resources

24-Hour Report Line

24-Hour Report Line: 873-8130

Phone: 873-8130 (403) 820-8130

Fax: 873-8130 (403) 873-6924

A Incident date and time Feb 4, 2007 7:00 PM		B Date and time of spill Feb 4, 2007		C Spill number 07-036	
D Location of spill (lat/long) and location of spill 60° 10' N 100° 10' W					
E Party responsible for spill City of Igloolik					
F Product(s) spilled and estimated volume (provide metric volume where possible) 5000 square feet					
G Cause of spill POWER FAILURE AND SURGES					
H Is spill contained? YES		I Is spill contained? YES		J Is spill contained? YES	
K Is spill contained? YES		L Is spill contained? YES		M Is spill contained? YES	
N Action taken to contain spill (provide details of action taken) BLIZZARD CONDITIONS ON THE ICE					
O Do you require assistance? YES					
P Position, hazards to personnel, property, or environment (provide details of hazards) 5000 square feet					
Q Comments and/or recommendations (provide details of comments and/or recommendations) NO DO NOT HAVE POWER AT THE TIME OF THE SPILL BUT DUE TO THE RAINY CONDITIONS OF THE WINDS THAT START THE POWER FAILURE DUE TO THE BLIZZARD WHEN I RECEIVED THE CALLOUT IT WAS UNSAFE TO RESPOND TO THE WINDS WERE 135 KM AND VISIBILITY WAS NEAR ZERO					
Reported by Steve Tylor		Location Igloolik		Telephone 873-975-8507	
Submitted to Steve Tylor		Location Igloolik		Telephone 873-975-8507	

FOR SPILL LINE USE ONLY

07-036

Lead Agency: GNI

Spill number: 07-036

Spill location: Igloolik

Spill date: Feb 4, 2007

Spill time: 7:00 PM

Spill volume: 5000 square feet

Spill cause: POWER FAILURE AND SURGES

Spill action: BLIZZARD CONDITIONS ON THE ICE

Spill assistance: YES

Spill hazards: 5000 square feet

Spill comments: NO DO NOT HAVE POWER AT THE TIME OF THE SPILL

Spill recommendations: BUT DUE TO THE RAINY CONDITIONS OF THE WINDS

Spill comments: THAT START THE POWER FAILURE DUE TO THE

Spill recommendations: BLIZZARD WHEN I RECEIVED THE CALLOUT IT

Spill comments: WAS UNSAFE TO RESPOND TO THE WINDS

Spill recommendations: WERE 135 KM AND VISIBILITY WAS NEAR ZERO

Spill comments: EP: DAVE TILSON

Spill recommendations: GNI: MIKE ATKINSON

Spill comments: 02/06/07 13:16

Spill recommendations: 873-975-8507

Spill comments: 873-975-8507

Spill recommendations: 873-975-8507

Spill comments: 873-975-8507

Spill recommendations: 873-975-8507

FEB-19-2007 09:32 FROM: ARCTIC ALARM STATION 8736924

TO: GNWT

P:2/2

Feb-18-2007 11:42am From: DIAND

+18678786445

T-123 P.001/001 F-909

07.037



Canada

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

 NT-NU 24-HOUR SPILL REPORT LINE
 TEL: (867) 820-8130
 FAX: (867) 873-6924
 EN NL: spill@gnw.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH - DAY - YEAR February 19th, 2007	REPORT TIME	<input type="checkbox"/> ORIGINAL SPILL REPORT OR <input checked="" type="checkbox"/> UPDATE TO THE ORIGINAL SPILL REPORT	REPORT NUMBER 07-036 637	
B	OCCURRENCE DATE: MONTH - DAY - YEAR February 4th & 6th, 2007	OCCURRENCE TIME			
C	LAND USE PERMIT NUMBER (IF APPLICABLE)		WATER LICENCE NUMBER (IF APPLICABLE)		
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION Iqaluit, Nunavut		REGION <input type="checkbox"/> NWT <input checked="" type="checkbox"/> NUNAVUT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN		
E	LATITUDE DEGREES MINUTES SECONDS		LONGITUDE DEGREES MINUTES SECONDS		
F	RESPONSIBLE PARTY OR VESSEL NAME City of Iqaluit	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION P.O. Box 460 Iqaluit, NU X0A 0H0			
G	ANY CONTRACTOR INVOLVED	CONTRACTOR ADDRESS OR OFFICE LOCATION			
H	PRODUCT SPILLED Sewage	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES 5000 L & 10,000 L	U.N. NUMBER		
	SECOND PRODUCT SPILLED (IF APPLICABLE)	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES	U.N. NUMBER		
I	SPILL SOURCE Lift stations 1 & 2	SPILL CAUSE Power failures	AREA OF CONTAMINATION IN SQUARE METRES		
J	FACTORS AFFECTING SPILL OR RECOVERY	DESCRIBE ANY ASSISTANCE REQUIRED	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT		
K	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS Areas have been cleaned up to the satisfaction of Inadian and Northern Affairs Officials. It should be noted that a quick response from City officials ensured the containment and clean up of materials. It is recommended that the file be closed.				
L	REPORTED TO SPILL LINE BY	POSITION	EMPLOYER	LOCATION CALLING FROM	TELEPHONE
M	ANY ALTERNATE CONTACT	POSITION	EMPLOYER	ALTERNATE CONTACT LOCATION	ALTERNATE TELEPHONE
N	REPORT LINE USE ONLY				
	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (P-7) 820-8130
	LEAD AGENCY <input type="checkbox"/> CBC <input type="checkbox"/> CMA <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> SLA <input checked="" type="checkbox"/> INAC <input type="checkbox"/> NES <input type="checkbox"/> OTC		SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN		FILE STATUS: <input type="checkbox"/> OPEN <input checked="" type="checkbox"/> CLOSE
	AGENCY	CONTACT NAME	CONTACT TIME	REMARKS	
	LEAD AGENCY	Andrew Keim 975-4289		Inspection completed	
	FIRST SUPPORT AGENCY	WAC: MARTIN KICHER	02/19/07 09:29		
	SECOND SUPPORT AGENCY				
	THIRD SUPPORT AGENCY				

FEB-15-2007 13:29 FROM: ARCTIC ALARM STATION 8736924

TO: GNWT

P: 1/5



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) 873-8824

EMAIL: sp@b.gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH - DAY - YEAR February 15, 2007		REPORT TIME 3:00 PM		<input type="checkbox"/> ORIGINAL SPILL REPORT OR <input checked="" type="checkbox"/> UPDATE # 2 TO THE ORIGINAL SPILL REPORT	REPORT NUMBER 67-037
	B OCCURRENCE DATE: MONTH - DAY - YEAR February 15, 2007		C OCCURRENCE TIME 12:00 PM			
C	LAND USE PERMIT NUMBER (IF APPLICABLE)		WATER LICENSE NUMBER (IF APPLICABLE)			
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAME LOCATION LET STATIONS NO1 AND NO2				REGION <input checked="" type="checkbox"/> NWT <input checked="" type="checkbox"/> Nunavut <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E	LATITUDE DEGREES MINUTES SECONDS		LONGITUDE DEGREES MINUTES SECONDS			
F	RESPONSIBLE PARTY OR VESSEL NAME CITY OF Iqaluit		RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION PO Box 460, Iqaluit, Nunavut, Canada			
G	ANY CONTRACTOR INVOLVED NO		CONTRACTOR ADDRESS OR OFFICE LOCATION			
H	PRODUCT SPILLED SEWAGE		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES PREVIOUSLY REPORTED		U.N. NUMBER	
I	SECOND PRODUCT SPILLED (IF APPLICABLE) N/A		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES		U.N. NUMBER	
J	SPILL SOURCE LET STATIONS NO1 + NO2		SPILL CAUSE POWER FAILURE		AREA OF CONTAMINATION IN SQUARE METRES PREVIOUSLY REPORTED	
K	ACTIONS AFFECTING SPILL OR RECOVERY PREVIOUSLY REPORTED		DESCRIBE ANY ASSISTANCE REQUIRED NONE REQUIRED		HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT	
ADDITIONAL INFORMATION: COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS CORRESPONDENCE FROM CITY TO ENVIRONMENTAL CANADA DATED FEBRUARY 9, 2007. CORRESPONDENCE FROM CITY TO ENVIRONMENTAL CANADA DATED FEBRUARY 14, 2007.						
L	REPORTED TO SPILL LINE BY Mark Hare	POSITION District Public Worker	EMPLOYER CITY OF Iqaluit	LOCATION CALLING FROM Iqaluit	TELEPHONE 867-925 2561	
M	ANY ALTERNATE CONTACT	POSITION	EMPLOYER	ALTERNATE CONTACT	ALTERNATE TELEPHONE	
REPORT LINE USE ONLY						
N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920 8130	
LEAD AGENCY <input checked="" type="checkbox"/> EC <input type="checkbox"/> COG <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> LA <input type="checkbox"/> DARC <input type="checkbox"/> NES <input type="checkbox"/> DTC			SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN		FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED	
AGENCY		CONTACT NAME	CONTACT TIME	REMARKS		
LEAD AGENCY		Catherine Mallet	02/15/07 13:27			
FIRST SUPPORT AGENCY						
SECOND SUPPORT AGENCY						
THIRD SUPPORT AGENCY						



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ᐱᓐᓇᓂᓐ (867) 979-5600
ᐱᓐᓇᓂᓐ (867) 979-5922

City of Iqaluit
Box 460
Iqaluit, Nunavut
X0A 0H0
Phone (867) 979-5600
Fax (867) 979-5922

Ville d'Iqaluit
C.P. 460
Iqaluit, Nunavut
X0A 0H0
Tél. (867) 979-5600
Télécop. (867) 979-5922

admin@cityofiqaluit.nu.ca
www.cityofiqaluit.nu.ca

February 9, 2007

Environment Canada
Iqaluit Operations Office
Iqaluit, Nunavut
X0A0H0

Attention: Jimmy Noble Jr.
Environmental Enforcement Officer

Re: Remediation of Sewage Spills – Lift Stations 1 and 2 – Iqaluit,
Nunavut

Dear Mr. Noble

Further to our filing of NWT Spill Reports and supplementary chronological reports for the recent spills at Lift Stations 1 and 2, I wish to provide the following information:

In addition to the removal of 54 cubic yards of contaminated material from the beach area adjacent to Lift Station 1, the City on Monday next proposes to conduct a site meeting of the sea ice adjacent to both spill sites, and assess operationally how much more contaminated material can be hammered and broken and removed from the subject areas, for disposal in our sewage lagoon.

I would propose the site meeting involve the following agencies:

Environment Canada Enforcement – to agree on area of confirmed contamination.

WCB Officials – to oversee a Site Safety Meeting before commencement of work.

Operations Superintendent and Foreman and HEO's Public Works – Supervision and instruction of works to be undertaken.

Possible Contractor for works assistance for heavy equipment as required.

In addition, the City is fully committed to ascertaining as soon as possible, the reasons for the technical failure of the systems of Lift Station No1, and in taking measures to prevent the probability of future spills.



FEB-15-2007 13:30 FROM: ARCTIC ALARM STATION 8736924

TO: GNWT

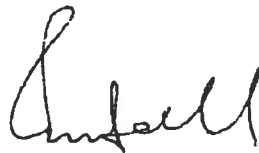
P: 3/5

-2-

17 637 p4

I trust that you will concur with our approach to this issue, and thank you for your cooperation and advice rendered in this matter.

Yours Sincerely



Mark Hall
Director
Public Works Department

Cc: Director of Engineering
Operations Superintendent – Public Works
Imo Adla, Safety Officer WCB

CITY OF IQUALUIT DEPARTMENT OF ENGINEERING MEMO

CITY OF IQUALUIT DEPARTMENT OF ENGINEERING MEMO

DATE: 14 FEBRUARY, 2007
 TO: JIMMY NOBLE JR., ENVIRONMENT CANADA
 CC: MARK HALL, DIRECTOR OF PUBLIC WORKS, CITY OF IQUALUIT
 FROM: GEOFF BAKER, A/DIRECTOR OF ENGINEERING, CITY OF IQUALUIT
 RE: SUPPLEMENTARY REPORT - CITY OF IQUALUIT SEWAGE SPILL, 04 FEBRUARY 2007

The following is a report from the City of Iqualuit on the sewage release which occurred at the newly commissioned Sewage Lift Station #1 on February the 4th 2007. This report will summarize both the events that lead up to the release and the corrective measures that have been taken by the City of Iqualuit to prevent a similar failure in the future.

On Sunday the 4th of February, 2007 the City of Iqualuit experienced severe weather conditions including high winds. As a result the City experienced a number of power disruptions and power system undervoltages, "brown out" conditions. During the severe weather the City's operations staff received a number of alarms which were dialed out from the Lift Station #1 control system. These alarms indicated to the staff that the lift station had experienced pump failures and high level conditions. Due to the severe weather City staff were delayed in accessing Lift Station #1. Upon arrival at Lift Station #1 staff found that both sewage lift pump motor drives were indicating a fault condition and the facilities standby power system was operating. Once the pump drives were reset the pumps became operational and the sewage levels within the stations wetwell were lowered. Once the levels dropped to below the height of the wetwell overflow the release was brought to a halt and the lift station wetwell levels returned to normal.

Subsequent investigation of the lift stations power and automation systems have revealed that the lift station's level control and monitoring devices did detect the high levels within the wetwell. The lift stations alarm dial out system did function correctly and place the appropriate alarm dial out calls to the operations staff. The facility standby power system did start and provide power to the facility during the utility power problems. However the Variable Frequency Drives (VFD's) that operate the sewage lift pumps both experienced a fault condition that required operator intervention in order to restart the pumps. Currently the VFD's are being investigated to determine the exact nature of the fault. It is believed that the fault conditions are related to the undervoltage "brown out" conditions that the utility power system experienced during the storm.

In order to reduce the potential for the VFD fault conditions to occur again in the future the City of Iqualuit will implement the following changes to the power and automation systems.

- Adjust the transfer switch settings to ensure that the utility power monitor senses an undervoltage condition earlier and the standby power system is started prior to a VFD fault.
- Verify VFD trip settings are set at appropriate levels, to ensure that the VFD's are not subject to erroneous trips during utility power disruptions.

The City is also in the process of investigating alternatives for increased levels of control system redundancy. This added redundancy may allow the process to continue to operate after a VFD fault, without operator attendance at site. Changes to the level of control system redundancy will require

FEB-15-2007 13:30 FROM: ARCTIC ALARM STATION 8736924

TO: GNIAT

P: 5/5

both engineering input and operational review as the changes could result in an increased level of complexity in the lift station operation.

On Tuesday, the 13th of February, 2007 City forces commenced extraction of approximately 72 cubic yards of contaminated ice and gravel in the beach area of Lift Station 2. The operation concluded at midnight. Again, contaminated material was disposed of at the sewage lagoon under the direction of Indian and Northern Affairs. The City believes that the majority, if not all, of the contaminated material has been excavated and removed from the beach area.

Subject to concurrence from Environment Canada and other applicable regulating authorities the City believe that this concludes our investigation, follow-up and remediation of these two sewage release occurrences.

Should you have any questions or require any further information please do not hesitate to contact the undersigned at (867)975-8502.

Best Regards,


Geoff Baker
A/Director, Engineering Services
City of Iqaluit

pk

7 03

FEB-8-2007 08:12 FROM: ARCTIC ALARM STATION 8736924

TO: GNMW

P:2/2

07-037



Canada

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

 NT-NU 24-HOUR SPILL REPORT LINE
 TEL (867) 920-9120
 FAX (867) 973-8924
 EMAIL: spill@gnmwt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH DAY YEAR Feb 7, 2007		REPORT TIME 9:20 am		REPORT NUMBER 07-037	
B	OCCURRENCE DATE: MONTH DAY YEAR Feb 5, 2007		OCCURRENCE TIME Unknown		UPDATE: February 6 TO THE ORIGINAL SPILL REPORT	
C	LAND USE (FILL IN IF APPLICABLE)		WATER LOCATION NUMBER (IF APPLICABLE)			
D	OCCURRENCE PLANT NAME OR DISTANCE AND DIRECTION FROM RAILROAD LOCATION Lower Iqaluit Lift Station #2		REGION NT <input checked="" type="checkbox"/> NU <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN			
E	REPORTER'S NAME City of Iqaluit		RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION Po Box 450 Iqaluit, Nunavut X0A0H0			
F	ANY CONTRACTOR INVOLVED		CONTRACTOR ADDRESS OR OFFICE LOCATION			
G	PRODUCT SPILLED Sewage		QUANTITY IN LITERS OR CUBIC METERS OR CUBIC METERS 4-5000 Liters		IN RAILROAD	
H	OCCURRENCE PRODUCT (IF FILLED IF APPLICABLE)		QUANTITY IN LITERS OR CUBIC METERS OR CUBIC METERS		IN RAILROAD	
I	RAILROAD LOCATION Lift station #2		SPILL CAUSE Power failure		AREA OF CONTAMINATION IN SQUARE METERS About 1000 square feet	
J	FACTORS AFFECTING SPILL OR REPORT High winds and blizzard		DESCRIPTIVE ANY ADDITIONAL FACTORS		HAZARDOUS MATERIALS INVOLVED OR EQUIPMENT	
K	ADDITIONAL INFORMATION, COMMENTS, ACTIONS AND USES ON TAKEN TO CONTAIN, COVER OR REMOVE OR SPILL (IF PRODUCT AND CONTAMINATED MATERIALS) Due to the weather we were unable to respond to the callout. There also were no sewer trucks on the road due to the weather conditions. Amendment: Due to the placement of the overflow all the spill went to the sea ice. It will be unsafe to put heavy equipment on the sea ice to remove any of the contaminated ice.					
L	REPORTED TO SPILL LINE BY Ray Shipman	POSITION Utility Foreman	CITY/TOWN City of Iqaluit	COUNTRY / PROVINCE Iqaluit	TELEPHONE 867-975-8509	
M	ANY ALTERNATE CONTACT Steve Iyago	POSITION Superintendent	CITY/TOWN City of Iqaluit	COUNTRY / PROVINCE Iqaluit	TELEPHONE 867-975-8553	
N	REPORT LINE USE ONLY					
	WHEN CALLED BY SPILL LINE BY	POSITION	CITY/TOWN	COUNTRY / PROVINCE	REPORT LINE NUMBER	
		STATION OPERATOR			TEL: 1-800-812-8128	
	LEAD AGENCY (IF OTHER THAN THE REPORTING AGENCY)	COUNTRY (IF OTHER THAN THE REPORTING COUNTRY)	SIGNATURE (IF NEITHER MAJOR OR UNKNOWN)		PRINT NAME (IF NEITHER MAJOR OR UNKNOWN)	
	AGENCY	CONTACT NAME	COUNTRY (IF OTHER THAN THE REPORTING COUNTRY)	SIGNATURE	PRINT NAME	
	LEAD AGENCY	David Jessiman	02 10317 06:07			
	FIRST SUPPORT AGENCY					
	SECOND SUPPORT AGENCY					
	THIRD SUPPORT AGENCY					

PAGE 1 OF 1

FEB-8-2007 16:25 FROM: ARCTIC ALARM STATION 8736924

TO: GNWT

P: 1/1

FEB-08-2007 THU 04:09 PM ENR GNWT

FAX NO. 887 8730221

P. 01

Chronology Report for Sewer Spill at Lift Station #2

Page 1 of 1

Lisette Self

From: Ray Shipman (r.shipman@city.igaiut.nu.ca)

873-6924

Sent: February 8, 2007 12:33 PM

To: Spills

Subject: Chronology Report for Sewer Spill at Lift Station #2

07-037
(update) 01 037

There will be additional info to follow.

PS

Chronology Report for Sewer Spill at Lift Station #2

On Tuesday, February, 6 I stopped for a coffee on my way to work. I noticed a darker than usual color on the sea ice. Upon going to look I realized that it was sewage that had come out of the overflow from Lift Station #2. I went directly to the lift station to check it and everything was fine. The previous day we had a callout at 9:53 am which was responded to by Levi Tikivik and Epa Nauyuk. The next call that we got was at 1:30 pm which I myself responded to. Bob Brouillet and I had been at the Water Treatment Plant since around 1:00 pm making water to get the plant back on line due to the power outage. When I responded to the call the only problem was P-101 in fault due to rags stuck in the pump housing. Pump P-102 was still working fine at the time I arrived. When I took the rags out of the pump I cycled the pumps then phoned Dispatch to notify them that the alarm was acknowledged and that the lift station was fine. I then went back to the water plant with Bob. The time of the spill is unknown due to the fact there was no alarm sent out indicating any problem. I told Steve Lyago about the spill at 9:20 am on Tuesday and he and Paul Harteau went to look at it. Due to where the overflow is situated the sewage spill is on the sea ice which makes it dangerous to put any heavy equipment there to remove the contaminated material. We will be looking into why no alarm dialed out and will fix the problem.

Ray Shipman
Utility Foreman
City of Igaiut
Office-867-975-8519

LEAD - /NAC - DAVID JESSIMAN.

16:23

02/08/07

CHER

08/02/2007

Lisette Self

From: Ray Shipman [r.shipman@city.iqaluit.nu.ca]

873-6724

Sent: February 8, 2007 12:33 PM

To: Spills

07-037

Subject: Chronology Report for Sewer Spill at Lift Station #2

07-037

There will be additional info to follow.

Chronology Report for Sewer Spill at Lift Station #2

p8a

On Tuesday, February, 6 I stopped for a coffee on my way to work. I noticed a darker than usual color on the sea ice. Upon going to look I realized that it was sewage that had come out of the overflow from Lift Station #2. I went directly to the lift station to check it and everything was fine. The previous day we had a callout at 9:53 am which was responded to by Levi Tikivik and Eepa Nauyuk. The next call that we got was at 1:53 pm which I myself responded to. Bob Brouillet and I had been at the Water Treatment Plant since around 1:00 pm making water to get the plant back on line due to the power outage. When I responded to the call the only problem was P-101 in fault due to rags stuck in the pump housing. Pump P-102 was still working fine at the time I arrived. When I took the rags out of the pump I cycled the pumps then phoned Dispatch to notify them that the alarm was acknowledged and that the lift station was fine. I then went back to the water plant with Bob. The time of the spill is unknown due to the fact there was no alarm sent out indicating any problem. I told Steve Lyago about the spill at 9:20 am on Tuesday and he and Paul Barrieau went to look at it. Due to where the overflow is situated the sewage spill is on the sea ice which makes it dangerous to put any heavy equipment there to remove the contaminated material. We will be looking into why no alarm dialed out and will fix the problem.

Ray Shipman
Utilidor Foreman
City of Iqaluit
Office-867-975-8509

Lisette Self

From: Ray Shipman [r.shipman@city.iqaluit.nu.ca]
Date: February 8, 2007 12:33 PM
To: Spills
Subject: Chronology Report for Sewer Spill at Lift Station #2

P101

There will be additional info to follow.

Chronology Report for Sewer Spill at Lift Station #2

On Tuesday, February, 6 I stopped for a coffee on my way to work. I noticed a darker than usual color on the sea ice. Upon going to look I realized that it was sewage that had come out of the over flow from Lift Station #2. I went directly to the lift station to check it and everything was fine. The previous day we had a callout at 9:53 am which was responded to by Levi Tikivik and Eepa Nauyuk. The next call that we got was at 1:30 pm which I myself responded to. Bob Brouillet and I had been at the Water Treatment Plant since around 1:00 pm making water to get the plant back on line due to the power outage. When I responded to the call the only problem was P-101 in fault due to rags stuck in the pump housing. Pump P-102 was still working fine at the time I arrived. When I took the rags out of the pump I cycled the pumps then phoned Dispatch to notify them that the alarm was acknowledged and that the lift station was fine. I then went back to the water plant with Bob. The time of the spill is unknown due to the fact there was no alarm sent out indicating any problem. I told Steve Lyago about the spill at 9:20 am on Tuesday and he and Paul Barrieau went to look at it. Due to where the overflow is situated the sewage spill is on the sea ice which makes it dangerous to put any heavy equipment there to remove the contaminated material. We will be looking into why no alarm dialed out and will fix the problem.

Ray Shipman
Utilidor Foreman
City of Iqaluit
Office-867-975-8509

FEB-21-2007 10:21 FROM:ARCTIC ALARM STATION 8736924

TO:GNAT

P:1/1



Canada

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

83-KU 24-4034 SPILL REPORT USE

TEL: (867) 920-8130

FAX: (867) 973-8924

EMAIL: ntu@gnat.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH DAY YEAR Feb. 21, 2007	REPORT TIME 9:00 AM	IS ORIGINAL SPILL REPORT, OR IS UPDATE # _____ TO THE ORIGINAL SPILL REPORT?	REPORT NUMBER 57. 068
B	OCCURRENCE DATE: MONTH DAY YEAR Feb. 21, 2007	OCCURRENCE TIME Unknown		
C	LAND USE PERMIT NUMBER IF APPLICABLE	WATER LICENSE NUMBER IF APPLICABLE		
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM KNOWN LOCATION Lower Iqaluit Lift Station #2	REGION <input type="checkbox"/> NWY <input type="checkbox"/> EMBAYMENT <input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN		
E	LATITUDE DEGREES MINUTES SECONDS	LONGITUDE DEGREES MINUTES SECONDS		
F	RESPONSIBLE PARTY OR VESSEL NAME City of Iqaluit	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION Po Box 480 Iqaluit, Nunavut, x0a0h0		
G	ANY CONTRACTOR INVOLVED	CONTRACTOR ADDRESS OR OFFICE LOCATION		
H	PRODUCT SPILLED Sewage	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES 2000 Liters	U.N. NUMBER	
	SECOND PRODUCT (IF BLVD 27 APPLICABLE)	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES	U.N. NUMBER	
I	SPILL SOURCE Sewer Line	SPILL ORIGIN Blockage in sewer main	AREA OF CONTAMINATION IN SQUARE METRES 1000	
J	FACTORS AFFECTING SPILL OR RECOVERY Grease build up	DESCRIBE ANY ACTIONS TAKEN TO CLEANUP		
K	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CORRECT, REDUCER OR ELIMINATE SPILLED PRODUCT AND SPILL-RELATED MATERIALS Levi Tikvik in doing his daily checks of the sewer manholes and Access Vaults notified me of higher than normal levels in the sewer manholes. He took the sewer jetter and sewer jotted the sewer line. He notified me that there was a grease blockage in the line that caused the sewer line to backup. The previous day he had checked the sewer line and it was fine. The line is now free of any grease and flowing normally. Mark Hall the Director of Public has given the Roadcrew direction to remove all the contaminated ice and snow and dispose of it at our sewage lagoon site. There will be a chronology report to follow.			
L	REPORTED TO SPILL LINE BY Rory Shipman	POSITION Utility Foreman	EMPLOYER City of Iqaluit	LOCATION CALLED FROM Iqaluit
M	ANY ALTERNATE CONTACT Mark Hall	POSITION Director of PWWorks	EMPLOYER City of Iqaluit	ALTERNATE TELEPHONE 867-975-8301
N	REPORT LINE USE ONLY			
	RECEIVED AT SPILL LINE BY	POSITION SECTION OFFICER	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT
	LEAD AGENCY <input type="checkbox"/> RC <input type="checkbox"/> CCC <input type="checkbox"/> ENVY <input type="checkbox"/> ON <input type="checkbox"/> ILA <input type="checkbox"/> BING <input type="checkbox"/> NES <input type="checkbox"/> TS	SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN		FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED
	AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
	LEAD AGENCY	NATHAN Eichen	02/21/07 10:20	
	FIRST SUPPORT AGENCY	EP: WATC Romenko	02/21/07 10:16	
	SECOND SUPPORT AGENCY			
	THIRD SUPPORT AGENCY			

PAGE 1 OF

FEB-22-2007 08:05 FROM: ARCTIC ALARM STATION 8736924

TO: GNWT

P: 1/1



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: spill@gov.ni.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH - DAY - YEAR FEBRUARY 22, 2007	REPORT TIME 10:00 AM	<input type="checkbox"/> ORIGINAL SPILL REPORT OR <input checked="" type="checkbox"/> UPDATE - FINAL - TO THE ORIGINAL SPILL REPORT	REPORT NUMBER 27-068
B	OCCURRENCE DATE: MONTH - DAY - YEAR FEBRUARY 21, 2007	OCCURRENCE TIME UNKNOWN		
C	LAND USE PERMIT NUMBER (IF APPLICABLE)	WATER LICENCE NUMBER (IF APPLICABLE) 3AM-1200611		
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION Lower Igloolik - Left Stream #2	REGION UNWT	<input type="checkbox"/> ADJACENT JURISDICTION OR OCEAN	
E	LATITUDE DEGREES MINUTES SECONDS	LONGITUDE DEGREES MINUTES SECONDS		
F	RESPONSIBLE PARTY OR VESSEL NAME City of Igloolik	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION Box 460, Igloolik, Nunavut, X0A0H0		
G	ANY CONTRACTOR INVOLVED NO	CONTRACTOR ADDRESS OR OFFICE LOCATION N/A		
H	PRODUCT SPILLED SEWAGE	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES 2000 LITRES	U.N. NUMBER -	
I	SECOND PRODUCT SPILLED (IF APPLICABLE) NONE	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES -	U.N. NUMBER -	
J	SPILL SOURCE SEWER LINE	SPILL CAUSE Blockage in mains	AREA OF CONTAMINATION IN SQUARE METRES 1000	
K	FACTORS AFFECTING SPILL OR RECOVERY CRIME BUILD UP	DESCRIBE ANY ASSISTANCE REQUIRED NONE	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT	
ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS BETWEEN 10:45 AM AND 2:00 PM ON FEBRUARY 21, 2007 CITY FORCES REMOVED 207 CUBIC YARDS OF SEWAGE CONTAMINATED ICE AND GRAVEL FROM THE BEACH AREA BELOW THE LOCATION OF THE SPILL. CONTAMINATED MATERIAL WAS DISPOSED OF IN THE MUNICIPAL SEWAGE LAGOON, WITH PERMISSION FROM INAC.				
L	REPORTED TO SPILL LINE BY Mark Hall	POSITION Director Public Works	EMPLOYER City of Igloolik	LOCATION CALLING FROM Igloolik NU 915-8501
M	ANY ALTERNATE CONTACT	POSITION	EMPLOYER	ALTERNATE TELEPHONE
REPORT LINE USE ONLY				
N	RECEIVED AT SPILL LINE BY STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE NT	REPORT LINE NUMBER (867) 920-8130
LEAD AGENCY <input type="checkbox"/> EC <input type="checkbox"/> UCC <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> IFA <input type="checkbox"/> INAC <input type="checkbox"/> ITC			SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN	
AGENCY			CONTRACT NAME	CONTRACT TIME
LEAD AGENCY			WATMAN Action	02/22/07 08:04
FIRST SUPPORT AGENCY				
SECOND SUPPORT AGENCY				
THIRD SUPPORT AGENCY				

PAGE 1 OF



NWT SPILL REPORT

(Oil, Gas, Hazardous Chemicals or other Materials)

24 - Hour Report Line
Phone: (867) 920-8130
Fax: (867) 873-6924

A Reason Date and Time <u>5:50PM</u> <u>JUNE 9/2004</u>		B Date and Time of spill (if known) <u>Approx 4:30</u> <u>JUNE 9/2004</u>		C <input checked="" type="checkbox"/> Original Report <input type="checkbox"/> Update no. _____		Spill Number <u>07-259</u>
D Location and map coordinates (if known) and direction (if moving) <u>CITY OF IQUALUIT WEST 40 LANDFILL</u>						
E Party responsible for spill <u>CITY OF IQUALUIT</u>						
F Product(s) spilled and estimated quantities (provide metric volumes/weights if possible) <u>LANDFILL RUNOFF (LEACHATE), 45 m³ OF LANDFILL RUNOFF</u>						
G Cause of spill <u>EXCESSIVE RAINFALL AND SPRING SNOW MELT RUNOFF</u>						
H Is spill terminated? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no		I If spill is continuing, give estimated rate <u>38 L/M</u>		J Is further spillage possible? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no		K Extent of contaminated area (in square meters if possible) <u>FLOWING INTO DITCH.</u> <u>FLOWING TO KESSEE INLET</u>
L Factors affecting spill or recovery (weather conditions, terrain, snow cover, etc.) <u>WEATHER CONDITIONS/EXCESSIVE RAINFALL</u>				M Containment (natural depression, dikes, etc.)		
N Action, if any, taken or proposed to contain, recover, clean up or dispose of product(s) and contaminated materials: <u>GRAVELLY MATERIAL DEPOSITED. WATER CONTINUED TO OVERFLOW. A SMALL TRENCH (DITCH) WILL BE DUG ON MONDAY JUNE 11/2004 TO ALLOW THE POOLED WATER TO BE RELIEVED AND CONTAINED WITHIN LANDFILL DRAINAGE SYSTEM</u>						
O Do you require assistance? <input checked="" type="checkbox"/> no <input type="checkbox"/> yes, describe:		P Possible hazards to person, property, or environment eg. fire, drink water, fish or wildlife <u>NO HAZARD IDENTIFIED AT THIS TIME.</u>				
Q Comments or recommendations <u>THE CITY WILL IMPLEMENT MEASURES ON MONDAY JUNE 11/2004 TO RELIEVE POOLED WATER IN THE BREACHED AREA. DUE TO A BLOCKED CULVERT IN THE DOWN-STREAM AREA WASTEWATER IS NOT LIKELY FLOWING TO KESSEE INLET.</u>						FOR SPILL LINE USE ONLY Lead agency <u>INAC</u> Spill significance Lead Agency contact and time <u>INAC</u> <u>Catherine Mallet</u> <u>June 9, 2004 16:50</u> EP: <u>Craig Broome</u> <u>June 09, 2004 16:45</u> Is this file now closed? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no
Reported by <u>GEORGE BAKER</u>		Position, Employer, Location <u>DIR. OF ENGINEERING, CITY OF IQUALUIT</u>		Telephone <u>(569) 975-1780</u>		
Reported to		Position, Employer, Location		Telephone		



NWT SPILL REPORT (Oil, Gas, Hazardous Chemicals or other Materials)

24 - Hour Report Line
Phone: (867) 820-8130
Fax: (867) 873-6924

A Report Date and Time 14-Jun-07 10:20am		B Date and Time of spill (if known) 14-Jun-07 Approx 7:00am		C <input checked="" type="checkbox"/> Original Report <input type="checkbox"/> Update no. _____		Spill Number 07-268	
D Location and map coordinates (if known) and direction (if moving) City of Igloolik west to landfill							
E Party responsible for spill City of Igloolik							
F Product(s) spilled and estimated quantities (provide metric volumes/weights if possible) Landfill Runoff (Leachate) estimate 10 m ³ of landfill Runoff							
G Cause of spill Excessive Rainfall							
H Is spill imminent? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no		I If spill is continuing, time estimated to end 38 LHM		J Is further spillage possible? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no		K Extent of contaminated area (or square meters if possible) Flowing into Drain - Flows to Kowasse Inlet	
L Factors affecting spill or recovery (weather conditions, ice, snow cover, etc.) Weather Conditions - Excessive Rainfall				M Containment (natural separation, dikes, etc.)			
N Action, if any, taken or proposed to contain, recover, clean up or dispose of product(s) and contaminated materials Granular material deposited into the area to prevent overflow, this will then contain the water and leachate within the Igloolik landfill Drainage system.							
O Do you require assistance? <input checked="" type="checkbox"/> no <input type="checkbox"/> yes describe:				P Possible hazards to person, property, or environment eg. fire, drink water, fish or wildlife No hazard identified at this time			
Q Comments or recommendations The granular material deposited is a temporary fix. Once City is in receipt of hose to drain the landfill-leachate build up will be transferred to Detention pond thus relieving the water-leachate within the landfill.						FOR SPILL LINE USE ONLY	
						Lead agency IN	
						Spill significance	
						Lead Agency contact and title EP: Dave Tilden GEO: Carol M. Be Kowasse	
R Reported by Cristal Jones						S Position, Employer, Location AI Director of Engineering	
T Reported to Cristal Jones						U Telephone (867) 925-8503	



Canada

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU SPILL REPORT LINE

TEL: (867) 920-8120

FAX: (867) 973-5824

EMAIL: spills@gn.ca

SPILL REPORT LINE

A	REPORT DATE: MONTH - DAY - YEAR December, 31, 2007	REPORT TIME 1:24 pm	REPORTER: SPILL REPORT OR UPDATE # TO THE ORIGINAL SPILL REPORT	REPORT NUMBER 07.571
B	OCURRENCE DATE: MONTH - DAY - YEAR December, 31, 2007	OCURRENCE TIME 15:00:00		
C	LAND USE: FURST REGION (IF APPLICABLE)	WATER USE: FURST REGION (IF APPLICABLE)		
D	GEOGRAPHIC PLACE NAME OR ADDRESS AND DISTANCE FROM REPORT LOCATION White Row Housing	REGION <input type="checkbox"/> EAST <input type="checkbox"/> WEST <input type="checkbox"/> NORTH <input type="checkbox"/> SOUTH <input type="checkbox"/> UNKNOWN		
E	LATITUDE DEGREES MINUTES SECONDS	LONGITUDE DEGREES MINUTES SECONDS		
F	RESPONSIBLE PARTY OR VESSEL NAME City of Iqaluit	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION Po-Box 488 Iqaluit Nunavut, X0A 0H0		
G	ANY CONTRACTOR INVOLVED	CONTRACTOR ADDRESS OR OFFICE LOCATION		
H	PRODUCT SPILLED Sewage	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES 2000 Liters	U/L NUMBER	
I	SECOND PRODUCT SPILLED (IF APPLICABLE)	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES	U/L NUMBER	
J	SPILL SOURCE Sewer Line	STILL CAUSE Blockage in sewer main	AREA OF CONTAMINATION IN SQUARE METRES 2000 sq meters	
K	ACTIONS AFFECTING SPILL OR RECOVERY None	DECEASED ANY ASSISTANCE REQUIRED None	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT None	
L	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTROL, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS I was contacted by dispatch at 1:24 pm stating that there was water in front of arctic ventures. When I arrived I realized it was sewage and contacted the on call sewer truck driver and had two sewer trucks dispatched. I then proceeded to get our sewer jetter and sewer blasted the line which was able to free the blockage and stop the sewer spill. I then contacted our on call road crew to gather all contaminated material and dispose of it at our sewage lagoon site.			
M	REPORTED TO O'ILL LINE BY Ray Shipman	POSITION Utilidor Foreman	EMPLOYER City of Iqaluit	MOBILE PHONE FROM Iqaluit
N	ALTERNATE CONTACT Steven Iyago	POSITION Superintendent	EMPLOYER City of Iqaluit	ALTERNATE TELEPHONE 867-973-5653
O	REPORT LINE USE ONLY			
P	RECORD NO. SPILL LINE BY 1000000000	POSITION EDITOR/OPERATOR	DATE 12/31/07	LOCATION CALLED YELLOWKNIFE, NT
Q	LEAD AGENCY (TIC) <input type="checkbox"/> CC <input type="checkbox"/> GNT <input checked="" type="checkbox"/> GN <input type="checkbox"/> LA <input type="checkbox"/> NC <input type="checkbox"/> NB <input type="checkbox"/> TC	SIGNIFICANCE <input type="checkbox"/> MINOR <input type="checkbox"/> MAJOR <input type="checkbox"/> UNKNOWN	FILE STATUS <input type="checkbox"/> OPEN <input type="checkbox"/> CLOSED	
R	AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
S	LEAD AGENCY	COULD NOT BE REACHED	01/31/07 14:33	
T	FIRST SUPPORT AGENCY	CRMS Home	12/31/07 14:32	
U	SECOND SUPPORT AGENCY			
V	THIRD SUPPORT AGENCY			

PAGE 1 OF