



INCORPORATED HAMLET OF SACHS HARBOUR

P.O. BOX 90

SACHS HARBOUR, NT. X0E.0Z0

Bus. 867.690.4351 Fax. 867.690.4802

ANGALATCHIYIT IKAARIAM INUUNIARVIANUN

April 22, 2009

Northwest Territories Water Board
P.O. Box 2531
125 MacKenzie Road
Suite 302 Professional Building
Inuvik, NT

Re: Renewal of Licence N7L-1531

We are enclosing our application to re-new our Water Licence N7L-1531.

Sincerely,

Raymond Kaslak
Senior Administrative Officer



SCHEDULE III
(Subsection 6 (1))

APPLICATION FOR LICENCE, AMENDMENT OF LICENCE OR RENEWAL OF LICENCE

APPLICATION/LICENCE NO.
(amendment or renewal only) **N7L3-1531**

1. NAME AND MAILING ADDRESS OF APPLICANT

SR. ADMIN. OFFICER
HAMLET OF SACHS HARBOUR

(867) Telephone: 690-4351 Fax: 690-4802

2. ADDRESS OF HEAD OFFICE IN CANADA IF INCORPORATED

BOX 90
SACHS HARBOUR, NT
XOE 0Z0

(867) Telephone: 690-4351 Fax: 690-4802

3 LOCATION OF UNDERTAKING (describe and attach a map, indicating watercourses and location of any proposed waste deposit(s):

Latitude: 72° 58' N Longitude: 125° 14' W

4 DESCRIPTION OF UNDERTAKING (describe attach plans)

MUNICIPAL WATER USE AND DISPOSAL.

5. TYPE OF UNDERTAKING

1. Industrial	<input type="checkbox"/>	4. Power	<input type="checkbox"/>	6. Conservation	<input type="checkbox"/>
2. Mining and milling	<input type="checkbox"/>	5. Agriculture	<input type="checkbox"/>	7. Recreation	<input type="checkbox"/>
3. Municipal	<input checked="" type="checkbox"/>				

8. Miscellaneous (describe)

6 WATER USE

To obtain water	<input checked="" type="checkbox"/>	Flood control	<input type="checkbox"/>
To cross water course	<input type="checkbox"/>	To divert water	<input type="checkbox"/>
To modify the bed or bank of watercourse	<input type="checkbox"/>	To alter the flow of, or store, water	<input type="checkbox"/>

Other (describe)

7 QUANTITY OF WATER INVOLVED (litres per second, litres per day or cubic metres per year, including both quantity to be used and quantity to be returned to source)

4,509 cubic metres annually

SCHEDULE III - Concluded

APPLICATION FOR LICENCE, AMENDMENT OF LICENCE, OR RENEWAL OF LICENCE - Concluded

8. WASTE DEPOSITED (quantity, quality, treatment and disposal)

4,509 cubic metres annually

9. OTHER PERSONS OR PROPERTIES AFFECTED BY THIS UNDERTAKING (giving name, mailing address and location) attach list if necessary)

INUVIALUIT LAND ADMINISTRATION
107 MACKENZIE ROAD
INUVIK, NT

10. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION

NO ENVIRONMENTAL IMPACT IN WATER/SEWER USE.

11. CONTRACTOR AND SUB-CONTRACTORS (names, addresses and functions)

DEPT. OF PUBLIC WORKS - GOV'T. OF THE N.W.T.
WEITZEL CONSTRUCTION LTD. INUVIK NT
for INTAKE PIPELINE REPAIRS

12. STUDIES UNDERTAKEN TO DATE (attach list if necessary)

NONE UNDERTAKEN.

13. PROPOSED TIME SCHEDULE

N/A.

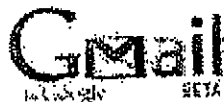
Start date: _____ Completion date: _____

Primrose KASLAK SR. ADMIN OFFICER [Signature] APR. 22/09
NAME (Print) TITLE (Print) SIGNATURE DATE

FOR WB OFFICE USE ONLY

APPLICATION FEE	Amount: \$ _____	Receipt No. _____
WATER USE DEPOSIT	Amount: \$ _____	Receipt No. _____

Gmail - Sachs Harbour



Raymond Kaslak <rkaslak@gmail.com>

Sachs Harbour

2 messages

Raymond Kaslak <rkaslak@gmail.com>
To: Ross_Mrazek@gov.nt.ca

Tue, Apr 14, 2009 at 11:36 AM

Good morning, I just need the last work that was done at the Sachs Harbour Water Treatment Plant in order to include it in my documentation to the Water Board, thanks.

Sudhansu Majumdar <Sudhansu_Majumdar@gov.nt.ca>
To: rkaslak@gmail.com
Cc: Ross Mrazek <Ross_Mrazek@gov.nt.ca>

Tue, Apr 14, 2009 at 6:18 PM

Good Afternoon Raymond,

The last work that was done at the Sachs Harbour Water Treatment Plant was the replacement of the intake casing, installation of new communication system. Please inform me in case you require more details

Thanks,

Sudhansu

Sudhansu Majumdar

Project Officer

PW&S, GNWT

Inuvik, NT

(867) 777-7254

(867) 777-7109 Fax

From: Raymond Kaslak [mailto:rkaslak@gmail.com]
Sent: Tuesday, April 14, 2009 11:37 AM
To: Ross Mrazek
Subject: Sachs Harbour

Good morning, I just need the last work that was done at the Sachs Harbour Water Treatment Plant in order to include it in my documentation to the Water Board, thanks.



**Indian and Northern
Affairs Canada**
www.inac.gc.ca

North Mackenzie
P.O. Box 2100
Inuvik, NT X0E 0T0

**Affaires Indiennes
et du Nord Canada**
www.ainc.gc.ca

Telephone: (867) 777-3361
Fax: (867) 777-2090

April 9, 2009

Hamlet of Sachs Harbour
General Delivery
Sachs Harbour, NT X0E 0Z0

Attn: Raymond Kaslak

RE: Municipal Water Licence (N7L3-1531)

Dear Mr. Kaslak,

An inspection was conducted of the Municipal Water Supply and Waste Disposal Facilities on September 9, 2008. Enclosed is a copy of the Municipal Water Licence Inspection Report.

While there have been some improvements since the last inspection like better waste segregation, there were a number of violations as depicted on page two of the Inspection Report. Many of the violations are administrative in nature or minor modifications and can be dealt with promptly. Please review the concerns throughout the Inspection Report.

Upon review of previous years Inspection Reports it is apparent that many of the violations and concerns outlined in the Inspection Report are consistent with violations in previous years. While it is clear that progress is being made on certain violations and issues, there are terms and conditions of your Water Licence that are being neglected resulting in non-compliance/violations. As indicated last year please address the aforementioned violations as INAC considers non-compliance of Water Licences a serious matter.

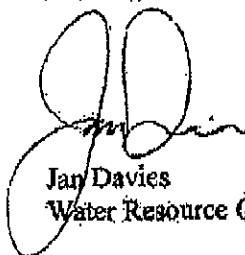
During the inspection it was observed that the burning of solid waste has occurred. According to the GNWT Department of Environment and Natural Resources open burning of non-segregated Municipal Solid Waste (MSW) remains an unacceptable option for the management of MSW. Municipal solid wastes that are conditionally suitable for open burning are paper products, paperboard packaging and untreated wood wastes only. Enclosed is the document titled "Municipal Solid Wastes Suitable for Open Burning" for your reference.

Please note that it is the Hamlets responsibility to ensure compliance with all of the terms and conditions of its Water Licence. INAC looks forward to working with you as much as possible to achieve compliance.

Pending your review, a copy of this report will be sent to the Northwest Territories Water Board on April 16, 2009 for their review and/or public records. If no response is received by this date we will assume you have no concerns.

If you have any questions, please contact me at 867-777-3662

Sincerely,



Jan Davies
Water Resource Officer

Cc: Conrad Baetz, District Manager, North Mackenzie District, Inuvik, NT
Inuvik Sub-District

Enclosure: Water Licence Inspection Report (3 pages)
Municipal Solid Wastes Suitable for Open Burning Document



WATER LICENCE INSPECTION FORM

DATE:	September 8, 2008	COMPANY REF:	Raymond Kudluk
LICENCEE:	Hanlet of Sachs Harbour	LICENCE #:	N7L7-1711

WATER SUPPLY

Source:	Water Lake	Quantity Used:	>4400 m ³ *Exceeded Licence Limits, see below
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Owner/Operator: MACA / Hanlet of Sachs Harbour

Indicate: A - Acceptable		U - Unacceptable		N/A - Not Applicable		NI - Not Inspected	
Intake Facilities	A	Storage Structures	N/A	Treatment Systems	A	Chem. Storage	A
Flow Meas. Device	A	Conveyance Lines	A	Pumping Stations	A		

Comments:

Concerns:

- Backup generator not working properly, scheduled to be repaired.
- Water usage according to available Hanlet records is ~4500 m³ which is more than currently allowed in the Water Licence - 4400 m³. The Hanlet of Sachs Harbour needs to apply for an amendment to the Water Licence from the Northwest Territories Water Board to increase the quantity of water that can be used.

Notes:

- Intake float and was working at the time of inspection.
- Trouble with chlorination - packs are being used but might switch to liquid chlorine
- Crushing packs generates dust, dust masks are being used but it should be assessed whether breathing masks with cartridges should be worn.

WASTE DISPOSAL

Sewage	Sewage Treatment System (primary, secondary, or tertiary)	Primary		
	Natural Water Body	✓	Continuous Discharge (land or water)	N/A - No sewage effluent discharged
	Seasonal Disch.	N/A	Wetlands Treatment	✓
			Trench	N/A
Solid Waste	Owner/Operator:	Hanlet of Sachs Harbour		
	Landfill	✓	Burn & Landfill	Conditionally acceptable
			Other	N/A

Indicate: A - Acceptable		U - Unacceptable		N/A - Not Applicable		NI - Not Inspected	
Discharge Quality	A	Construction	U	Disch. Meas. Dev.	A	Freeboard	N/A
Disch. Structures	N/A	ODM Plan	N/A	Dams, Dykes	N/A	Scrapes	N/A
Dyke Inspections	N/A	ARR Plan	N/A	Erosion	U	Spills	U
Period of Discharge	Sewage Lagoon does not appear to discharge.			Effluent Discharge Rate			N/A

Comments:

Concerns:

- Erosion is occurring around the sewage discharge chute at the Sewage Disposal Facility (SDF). Maintenance needs to occur around chute and area to prevent further erosion. Sewage truck needs a truck tire stop/barricade. (see Figure 1)
- An old POL tank from spill on the beach in front of the Hanlet has been excavated and dumped on a non-stable liner. It was requested by the Hanlet to remove the soil to the Solid Waste Disposal Facility (SWDF). Contaminated soil has been transported to the SWDF. During the inspection it was mentioned that there should be a berm/liner at the SWDF for the contaminated soil. The presence of contaminated soil at the SWDF occurred as a modification without notification of the Northwest Territories Water Board and without proper containment is unacceptable and could lead to further contamination. The Hanlet needs to comply with the Water Licence Part B: Conditions Applying to Modifications and provide proper containment for the contaminated soil. (see Figures 2 and 3)
- Continued improvement on waste segregation is needed. Signage is needed to further increase public guidance and waste segregation. Signs should be posted for but not limited in the following areas: domestic garbage, waste tires, waste appliances (washers/dryers, etc.), wood waste, bulky metal wastes, empty drums, heavy big pile, and hazardous waste (waste oil, batteries etc.)
- Burning of non-segregated Municipal Solid Waste (MSW) is still occurring. Burning of non-segregated MSW remains an unacceptable option for the management of MSW. Wastes that are conditionally suitable for open burning are paper products, paperboard packaging and untreated wood wastes according to the document from the NWT Department of Environment and Natural Resources titled 'Municipal Solid Wastes Suitable for Open Burning' (Please see enclosed document). (see Figure 4)

- 5. There was no place for waste animal parts. Waste animal debris was seen at the landfill and needs proper disposal.
- 6. Many barrels present that need proper disposal. Some on pallets waiting to be removed.
- 7. Sewage Disposal Facility (SDF) does not appear to discharge, however INAC Water Resources Division - Catherine Mallet took water samples from two locations and they were within Water Licence effluent quality standards.
- 8. It is evident that more space is needed at the Solid Waste Disposal Facility (SWDF) for additional solid waste cells. The current solid waste cell needs to be properly maintained and covered which would assist with preventing windblown debris.

Note:

- Waste oil - used oil collected by NT Power Corp. Hamlet has a waste oil burner which is not being used
- Batteries are collected in the Hamlet then shipped out.
- Area surrounding the SWDF had been cleaned up of windblown debris, however fence around solid waste cell.
- There are still materials/debris on the area of the old SWDF site and are being moved to the new SWDF.

FUEL STORAGE

Owner:	MACA	Operator:	Hamlet	Condition of tanks:	good
Berms & Leaks	A	Water within Berm:	some present	Evidence of Leaks:	None
Drainage Pipes	A	Pump Stations and Catchment Berms	A		
Pipeline Condition	A	Not Applicable:		N/A	

Comments:

Notes:

- Drip pan inside emergency generator shed had some heating oil in it. There was no evidence of leaks, drips etc.
- Fuel storage tank berm - some rusting where water located.

SURVEILLANCE NETWORK PROGRAM

Samples Collected	Hamlet	No samples taken
	DIAND	Samples were taken from sewage entry point and suspected discharge location (SNP 1531-2) by INAC Water Resources Division - Catherine Mallet.
Signs Posted:	SNP	None present but need to indicate the areas where sampling occurs.
	Warning	Signage needed for Sewage Lagoon, Water Treatment Plant and the Solid Waste Disposal Facility to assist with waste segregation.
Record & Reporting	No recent reports have been submitted	
Geotechnical Inspection	N/A	

Comments:

Concerns:

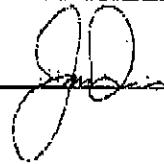
1. Ensuring funds to occur to per the Surveillance Network Program to monitor water quality at the Sewage Disposal Facility.
2. Ensure Annual Reports are submitted as per Water Licence Criteria Part B1

Notes:

- All indications are that the Sewage Disposal Facility (SDF) is a natural water body and is the lowest elevation in the immediate area and does not appear to discharge. The opposite side of the SDF from the sewage discharge chute would be where any discharge would occur as this is a low lying wetland area.

Non-Compliance of Act or Licence	Violations of Water Licence N7L3-1531 1. Part D1, 2004, 2005, 2006, 2007, 2008 Annual Reports not submitted. 2. Part C1, Annual quantity of water has exceeded current Licence Limits of 4,400 m ³ 3. Part E1, 2, 3. Modification of SWDF to include Hydrocarbon Contaminated Soil Area.
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Inspector's Signature: _____





WATER LICENCE INSPECTION REPORT Pg. 3 (Continued)

Date:	September 9, 2008	License #:	N7L3-1531
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Inspection Images:

Figure 1
Erosion occurring at the sewage discharge chute. Truck tire stop/barricade is needed.



Figure 2
Contaminated soil pile from the tank farm spill excavation with no visible containment at Solid Waste Disposal Facility.



Figure 3
Contaminated soil pile with visible geotextile liner at the excavation site.

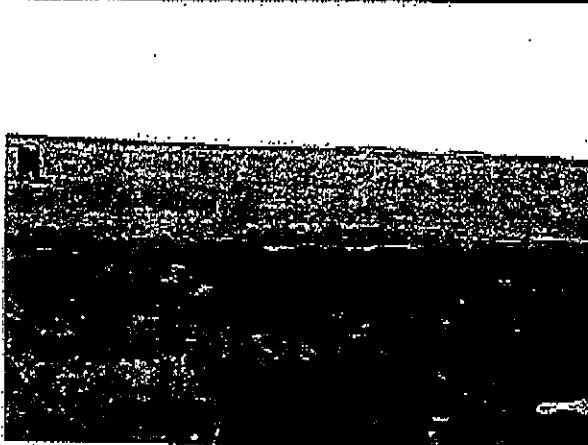


Figure 4
Burning of non-segregated Municipal Solid Waste is still occurring.





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ANGALATCHIYIT IKAARIAM INUUNIARVIANUN

Hamlet of Sachs Harbour
Response to concerns raised
Municipal Water Licence (N7L3-1531)

Violations of Water Licence N7L3-1531

1. Part B1, 2004, 2005, 2006, 2007, 2008 Annual report not submitted.
The Hamlet will forward the requested reports of the following years in questions, but I believe we submitted the annual water usage and disposal.
2. The Hamlet is now attempting to correct the concerns raised in the exceeded Licence limits of 4,400m³ by increasing the limit to 4,509m³
3. Part E1, 2, 3, Modification of SWDF to include Hydrocarbon Contaminated Soil Area.
The Hydrocarbon Contaminated Clean-up is being undertaken by Government of the Northwest Territories Petroleum Products Division, who in turn had contracted it out to an environmental site remediation firm Biogenie Ltee from Quebec City, Quebec. They had informed council the contaminated sand was going to be aerated temporarily near the garbage dump for a period of one year then returned back to its original site.

Sincerely,


Raymond Kaslak
Senior Administrative Officer
April 22, 2009