

CARRIED

Minutes of the Franchise Committee, June 25th, 2014

**#14-225 MOVED BY: CLLR MAHER
 SECONDED BY: DEPUTY MAYOR JUNGKIND**

That the Council of the Town of Hay River accepts the Minutes of the Franchise Committee, June 25th, 2014 as presented.

CARRIED

6. BUSINESS ARISING FROM THE MINUTES

There was no business arising from the Minutes of the June 24th, 2014 Regular Meeting of Council, and the Minutes of the Franchise Committee of June 25th, 2014.

7. CORRESPONDENCE & PETITIONS

RECOMMENDATION:

**#14-226 MOVED BY: CLLR CANDOW
 SECONDED BY: DEPUTY MAYOR JUNGKIND**

THAT THE COUNCIL OF THE TOWN OF HAY RIVER accepts the Correspondence and Petitions as presented.

CARRIED

BACKGROUND:

a) A Letter if support is required for Rowes Construction – New Land Use Permit & Quarry Permit.

COUNCIL POLICY / STRATEGY OR GOAL:

N/A

APPLICABLE LEGISLATION, BYLAWS, STUDIES, PLANS:

N/A

FINANCIAL IMPLICATIONS:

N/A

ALTERNATIVES TO RECOMMENDATIONS:

N/A

COUNCIL POLICY / STRATEGY OR GOAL:

N/A

APPLICABLE LEGISLATION, BYLAWS, STUDIES, PLANS:

N/A

FINANCIAL IMPLICATIONS:

N/A

ALTERNATIVES TO RECOMMENDATIONS:

N/A

ATTACHMENTS:

N/A

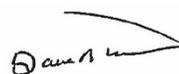
Prepared by:



Stacey Barnes
Executive Assistant

Date: July 14th, 2014

Reviewed by:



David Steele
Senior Administrative Officer

Date: July 14th, 2014

b) Public Works and Planning Monthly Report

RECOMMENDATION:

#14-229

**MOVED BY: DEPUTY MAYOR JUNGKIND
SECONDED BY: CLLR CANDOW**

THAT THE COUNCIL OF THE TOWN OF HAY RIVER accepts the report titled "Public Works & Planning Monthly Report" for June 2014 as presented.

CARRIED

BACKGROUND:

- Normal operation and maintenance activities were completed throughout the month of June.

Item	Level of Activity	
Water License	Report Title / Action Required	Timeline for Submission
	Annual Report (Submitted)	March 31 each year
	Identify Surveillance Network Program station(s) with signage.	At all times
	Identify Water Supply and Waste Disposal Facilities with signage.	At all times
	Copies of Water License in the Town of Hay River office(s), Solid Waste Disposal Facilities, and Water Supply Facilities	At all times
	Notify Inspector prior to conducting maintenance work on lagoon cells.	Prior to maintenance activities
	Biochemical Oxygen Demand and Carbonaceous Biochemical Oxygen Demand trend analysis	August 31, 2014
	Sludge Management Plan	Submitted
	Solid Waste Disposal Facility Drainage Study	Submitted
	Solid Waste Disposal Facilities Operations Report to measure, defines, and identifies the remaining lifespan of the facilities and volumes of Waste the facilities can accept.	Submitted
	Snow Disposal Plan	Within 90 days of issuance of the Water License (Submitted)
	Review of the Snow Disposal Plan and submission of updates/revision.	Annually – Annual Reporting Requirement
	Inspection of constructed berms, dykes, and dams within the Sewage Disposal Facility.	Once every two years during the summer season by an Engineer
	As-built plans and Record Drawings of the Sewage Disposal Facilities, lagoon and associated structures, sludge storage area, Solid Waste Facilities, and Biotreatment Pad.	Within six months of issuance of the Water License (Submitted)
	A surveyed description of the wetland and associated structures that comprise part of the Sewage Disposal Facilities	Within six months of issuance of the water Licence (Submitted)
	Notification of Modification	60 days prior to the proposed Modification
	Modifications to Water Supply Facilities and Waste Disposal Facilities	
	Interim Closure and Reclamation Plan for the Solid Waste Disposal Facility	Within 90 days of completion of the Modifications
	Final Closure and Reclamation Plan	At least six months prior to abandoning any Waste Disposal Facilities
	Final design drawings for the construction of any dams, dykes, or control structures	Prior to construction
As-built plans and Record Drawings	Within 90 days of completion	
	Within three months of	

	<table border="1"> <tr> <td>Updated plan for the operation and maintenance of the Waste Disposal Facilities (Note that this can be one plan or one plan for each Facility.)</td> <td>issuance of the Water License (Under Revision)</td> </tr> <tr> <td>Review of Operation and Maintenance Plan and submission of updates/revision</td> <td>Annually – Annual Reporting Requirement</td> </tr> <tr> <td>Spill Contingency Plan in accordance with Indian and Northern Affairs Canada’s 2007 “Guidelines for Spill Contingency Planning”</td> <td>Submitted</td> </tr> <tr> <td>Review of Spill Contingency Plan and submission of updates/revision</td> <td>Annually – Annual Reporting Requirement</td> </tr> </table>	Updated plan for the operation and maintenance of the Waste Disposal Facilities (Note that this can be one plan or one plan for each Facility.)	issuance of the Water License (Under Revision)	Review of Operation and Maintenance Plan and submission of updates/revision	Annually – Annual Reporting Requirement	Spill Contingency Plan in accordance with Indian and Northern Affairs Canada’s 2007 “Guidelines for Spill Contingency Planning”	Submitted	Review of Spill Contingency Plan and submission of updates/revision	Annually – Annual Reporting Requirement
Updated plan for the operation and maintenance of the Waste Disposal Facilities (Note that this can be one plan or one plan for each Facility.)	issuance of the Water License (Under Revision)								
Review of Operation and Maintenance Plan and submission of updates/revision	Annually – Annual Reporting Requirement								
Spill Contingency Plan in accordance with Indian and Northern Affairs Canada’s 2007 “Guidelines for Spill Contingency Planning”	Submitted								
Review of Spill Contingency Plan and submission of updates/revision	Annually – Annual Reporting Requirement								
Solid Waste Site	<p>Management of Solid Waste contract is ongoing.</p> <p style="text-align: center;"><u>Process and Remove Scrap Steel</u></p> <p>Contribution agreement has been received from the Government of North West Territories (GNWT) for \$25k. This work will be tendered and take place in August.</p> <p style="text-align: center;"><u>Tire Shredding</u></p> <p>Contribution agreement has been received from the Government of North West Territories (GNWT) for \$25k. This work will be procured through a request for quotation and take place before October 31, 2014.</p>								
Lift Stations #1 & #2	<p style="text-align: center;"><u>Lift Station #1</u></p> <p style="text-align: center;">Outstanding deficiencies are being addressed</p> <p style="text-align: center;"><u>Lift Station #2</u></p> <p>Lift Station #2 will begin on July 14th, 2014 and finish in October, 2014.</p>								

- The June O&M report is as follows:

Item	Level of Activity
Road Maintenance/Repairs	<p>Street sweeping</p> <p>Grading</p> <p>Gravel Application</p>

	Line Painting Cold Mix application Calcium
Vehicle and Equipment Maintenance	Unit #32 Hydrovac Pump Issues Routine Maintenance
Sewer Inspection/Repairs	Operate Lift Stations Twice Daily Inspections Sewer flushing of mains
Water Inspection/Repairs	Operate Water Treatment Plant Service Connects/Disconnects As Required Meter Reading Weekly Sampling and Testing Twice Daily Inspection of Facilities McBryan Drive Water Main Repair
Facilities Inspections/Repairs	Maintenance as required
Misc	2 Funerals Multiple Yard Reinstatements Lawn Maintenance at Cemetery Shut off Bleeders Throughout Town

COUNCIL POLICY / STRATEGY OR GOAL:

N/A

APPLICABLE LEGISLATION, BYLAWS, STUDIES, PLANS:

- Canadian Council of Ministers of the Environment (CCME)
- Mackenzie Valley Land and Water Board (MV2009L3-0005)
- Environment and Natural Resources Waste Management Guidelines
- Alberta Environment. (2010). *Standards for Landfills in Alberta*. Government of Alberta.
- EBA Engineering Consultants Ltd. (2010). *Town of Hay River Solid Waste Management Facility, Operations Plan*. Yellowknife, NT: EBA Engineering Consultants Ltd.

- Guidance Document on Federal Interim Groundwater Quality Guidelines for Federal Contaminated Sites, May 2010
- Bylaw 619 Garbage Collection
- Bylaw 1516 Collection of Tipping Fees
- Bylaw 1574 Town of Hay River Purchasing Policy

FINANCIAL IMPLICATIONS:

N/A

ALTERNATIVES TO RECOMMENDATIONS:

N/A

ATTACHMENTS:

N/A

Prepared by:



Dustin Dewar
Civil Engineer Technician

Reviewed by:



Todd Pittman
Director of Public Works & Planning

Date: July 10th, 2014

Date: July 10th, 2014

c) Development and Building Permit Report

RECOMMENDATION:

#14-230

**MOVED BY: CLLR MAHER
SECONDED BY: CLLR CANDOW**

THAT THE COUNCIL OF THE TOWN OF HAY RIVER accepts the Development and Building Permit Report for the month of June 2014.

CARRIED

BACKGROUND:

SUMMARY

- 19 Development Permits and 2 Building Permits have been approved for the month of June 2014, which is up from 17 in June 2013.

Background

- The June Development and Building Permit Report is as follows:

DATE	DEV #	CIVIC ADDRESS	DESC. OF WORK
June 02/14	D14-039	26-102 nd Street	12x20 Shed
June 03/14	D14-033	31 Mcbryan Drive	Seasonal moorage of vessel
June 04/14	B14-015	3 Woodland Drive	Replace 2 beams, strap and insulate and install new siding
June 06/14	D14-041	Service Road	B.M.X Skatepark
June 06/14	D14-042	48013 Back Road	Demolition and place new modular home
June 10/14	D10-062	446 Miron Drive	Replace porch/addition to house
June 11/14	D14-044	48 Stewart Drive	Build fence
June 13/14	D14-045	12 Stewart Drive	Building a deck
June 16/14	D14-046	5-61 Miron Drive	Build fence and deck
June 16/14	DH14-047	5-61 Miron Drive	Home occupation
June 16/14	D14-048	28 Wright Crescent	Replace fence
June 17/14	D14-049	24-104 th . Street	Fence
June 18/14	D14-050	15 Turbo Drive	Demolish bulk fuel tanks
June 20/14	D14-051	5 Caribou Crescent	Demolish Trailer, addition & garage
June 24/14	D14-052	55 Riverview Drive	Build a porch
June 25/14	D14-053	424 Gateway Drive	Demolish garage & set up new home
June 26/14	D14-054	Box 4525	Single family house
June 27/14	D14-055	32-104 th Street	Build porch
June 27/14	D14-056	14-103 rd Street	Build deck and greenhouse
June 27/14	D14-057	5 Woodland	Build new garage
June 30/14	B14-022	922 Mackenzie Hwy	Exterior renovations

COUNCIL POLICY / STRATEGY OR GOAL:

N/A

APPLICABLE LEGISLATION, BYLAWS, STUDIES, PLANS:

N/A

CONSIDERATIONS OR FINANCIAL IMPLICATIONS:

N/A

ALTERNATIVES TO RECOMMENDATIONS:

N/A

ATTACHMENTS:

N/A

Prepared by:



Reviewed by:



Randy Froese
Development Officer

Todd Pittman
Director of Public Works & Planning

Date: July 10th, 2014

Date: July 10th, 2014

d) Multi Use Building Committee Update

RECOMMENDATION:

#14-231

**MOVED BY: CLLR CANDOW
SECONDED BY: CLLR DOHEY**

**THAT THE COUNCIL OF THE TOWN OF HAY RIVER accepts the report entitled
"Multi-Use Building Committee Update" for July 14th, 2014 as presented**

CARRIED

BACKGROUND:

The Council of the Town of Hay River created a Multi-Use Building Committee consisting of the Mayor as Ex- Officio, two (2) Councilors, three (3) from Town Administration, and three (3) Members at Large.

On June 24th Council approved the terms of reference for the Multi Use Building Committee, increasing the number of members at large to 4 and appointing Pennie Pokiak, Tim Borchuk, Greg Rowe & Wally Schumann to the Committee.

Since that time the committee has met two times. On July 3rd the committee had its introduction meeting and reviewed the project and Terms of Reference.

So July 8th Stantec gave an introduction to the project using a storybook PowerPoint format. Stantec will be refining project numbers with Hanscomb as the committee provides clarity on design.

The minutes from the first two meetings will be provided at the Municipal Services meeting on July 21st, 2014 for Council's review.

COUNCIL POLICY / STRATEGY OR GOAL:

N/A

APPLICABLE LEGISLATION, BYLAWS, STUDIES, PLANS:

N/A

FINANCIAL IMPLICATIONS:

N/A

ALTERNATIVES TO RECOMMENDATIONS:

N/A

ATTACHMENTS:

N/A

Prepared by:

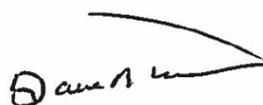


Ian Frankton
Director of Recreation & Community Services

DATE: July 10th, 2014

e) Trans Canada Trail

Reviewed by:



David Steele
Senior Administration Officer

DATE: July 10th, 2014

RECOMMENDATION:

#14-233

**MOVED BY: DEPUTY MAYOR JUNGKIND
SECONDED BY: CLLR MAHER**

THAT THE COUNCIL OF THE TOWN OF HAY RIVER accepts the Response to Air Quality Concern at Town Hall Report as presented.

CARRIED

BACKGROUND:

On the morning of Monday July 7th, 2014 Town Management employees noted water in some vents in the lower levels of the Town Hall and white mold in others. These observations triggered the need to remove the employees from the building.

Environmental Health Officer was called upon to take a look at the situation to ensure that mold was in fact present. The EHO confirmed the presence of mold in the system.

WSCC was also advised of the issue to ensure they were aware that there are mold issues within the building, and informed as to what action had been taken to protect employees from further exposure.

Northern Disaster Services was then contacted to come in and take air samples of the entire building which were shipped out for analysis. Results were expected by Friday July 11, 2014.

Administration then worked on a strategy for the temporary relocation of staff so that they could operate without sacrificing customer service levels within the organization. At present Finance & Administration personnel have been relocated to the Multi-purpose room at the Fire Hall with some reception/support services being offered from the foyer area there. The Executive Assistant has been placed in the training room at the Fire Hall and relocates to the Chief's office when the training room is needed by the Emergency Services group. Public Works staff have been relocated to the Public Works Garage area and a receptionist/cash-receipts person to the Recreation Centre. The SAO is now in the Chief Officers office at the Fire Hall.

At this point in time it is business as usual but Administration is exploring a longer term solution for the placement of staff.

The water situation in the lower level, notwithstanding the source of the water, indicates that the perimeter foundation drainage has failed. This may be due to a variety of factors but most likely the failure of the asbestos concrete drain pipe that was prevalent in the town during this period. If the plan is to get the Town Hall back in operation this will have to be addressed. This will require exposing the foundation, resealing the foundation, install new tile and taking the drain most likely all the way to the storm drain on Woodland Drive or installing a sump and pumping system inside the building and pumping into the sewer.

During preliminary conversations with external consultants it was impressed upon us that there is no such thing as a limited mold remediation. The whole building will have to be assessed and all mold will be remediated. At present, without any invasive investigation we have visually identified mold in the heating and ventilation system, Gypsum board in the lower level of the basement and ceiling area above Council Chambers.

To compound the difficulty of a mold remediation program is the fact that there is extensive asbestos throughout the building. The plenums that will have to be removed for access to clean the ventilation system are encased in asbestos insulation. Most of the building has asbestos based drywall compound so any drywall removal will have to be done under an asbestos abatement program. In areas where mold has been identified this will probably entail total removal of all the Gypsum Board. The extent of asbestos remediation is largely dictated by the regulators, and the experience in the North has generally been that once a remediation program is underway a whole building approach is required.

COUNCIL POLICY / STRATEGY OR GOAL:

N/A

APPLICABLE LEGISLATION, BYLAWS, STUDIES, PLANS:

N/A

FINANCIAL IMPLICATIONS:

No estimates have been assembled as of yet as we are only at the stage of investigation

ALTERNATIVES TO RECOMMENDATIONS:

N/A

ATTACHMENTS:

N/A

APPLICABLE LEGISLATION, BYLAWS, STUDIES, PLANS:

N/A

FINANCIAL IMPLICATIONS:

N/A

ALTERNATIVES TO RECOMMENDATIONS:

N/A

ATTACHMENTS:

Leasehold Sketch

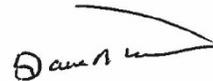
Prepared by:



Todd Pittman
Director of Public Works & Planning

Date: July 14th, 2014

Reviewed by:



David Steele
Senior Administration Officer

Date: July 14th, 2014

h) Franchise Committee Report

RECOMMENDATION:

#14-235

**MOVED BY: CLLR MAHER
SECONDED BY: CLLR COAKWELL**

THE COUNCIL OF THE TOWN OF HAY RIVER formally notifies Northland Utility Limited of its intentions to not re-negotiate another 5 year term under the current agreement through a letter drafted by the towns' legal counsel.

CARRIED

BACKGROUND:

On June 25th, the Town of Hay River Franchise Committee met to discuss next steps regarding the Franchise Agreement between the Town of Hay River and Northlands Utilities Limited. The committee agreed that based on the terms and age of the existing agreement, a new franchise agreement should be initiated.

COUNCIL POLICY / STRATEGY OR GOAL:

N/A

APPLICABLE LEGISLATION, BYLAWS, STUDIES, PLANS:

N/A

FINANCIAL IMPLICATIONS:

N/A

ALTERNATIVES TO RECOMMENDATIONS:

N/A

ATTACHMENTS:

N/A

Prepared by:



Andrew Cassidy
Mayor

Date: July 14th, 2014

i) Frobisher Sour Gas Well Report

RECOMMENDATION:

#14-236

**MOVED BY: CLLR MAHER
SECONDED BY: CLLR CANDOW**

THAT THE COUNCIL OF THE TOWN OF HAY RIVER accepts the Frobisher Sour Gas Wells Report as presented.

CARRIED

BACKGROUND:

On January 28th, 2014 a letter was received in regard to the Frobisher Sour Gas Wells located adjacent to the Golf Course. The letter identifies an issue where one of the gas wells may have the potential to leak Hydrogen Sulphide (H₂S) gas. The well is not currently leaking and is not a threat to the public, environment or wildlife, however as a precaution, and because the well is located near the Hay River Ski Club Trails and nearby residents, the well had been fenced off and signs have been posted to warn the public not to approach the well. There also has been a monitor station installed to detect the offending gas in the event of a leak.

The Town of Hay River has an Emergency Plan which covers Dangerous Goods/Hazardous Materials Incidents and will be put into place in the event of a leak. The plan will walk us through the proper steps in dealing with the situation if there were a leak. Generally speaking a situation where we have an H₂S leak will be dealt with by evacuating the area and turning the leak over to the Aboriginal Affairs and Northern Development Canada contractors who will be doing capping of the wells.

If there are any casualties that need medical attention they will be dealt with by HRFD members who are trained in H₂S response.

12. PURCHASE OF USED ZAMBONI

RECOMMENDATION:

#14-239

**MOVED BY: CLLR MAHER
SECONDED BY: CLLR CANDOW**

THAT THE COUNCIL OF THE TOWN OF HAY RIVER directs administration to sole-source the purchase of a certified used 2007 Zamboni model 520 ice resurfacer & allocate unused portion of funds to rec reserve.

CARRIED

BACKGROUND:

On September 9th, 2013 council directed administration to explore the options of requesting quotes from a certified Zamboni dealer regarding the purchase of a used ice resurfacer manufactured after 2007.

Council approved an upset value of \$150,000 in the capital budget to address the replacement or refurbishment of the arena ice resurfacer. The current ice resurfacer is a 1996 model, 520 propane zamboni with approximately 6,000 hours of operator use.

A new/used machine will have newer components utilizing the latest technology and manufacturing processes by all the respective manufacturers that produce zamboni components. For example, the horizontal and vertical auger motors are both stronger and quieter. Zamboni ice resurfacers come standard with the following elements:

- 3-way catalytic converter
- Closed-loop fuel management system
- Poly ice making water tank of 138 IMP
- Low oil / high water auto shutdown Murphy System
- Mechanical parking brake
- Perforated conditioner covers
- Perforated conditioner guards to help reduce obstacles entering the auger and conveyor systems

A certified, used zamboni, purchased from a dealer, would include a one-year warranty (or the balance of the factory warranty) along with decreased operating costs and multiple benefits from operating a more modern unit.

COUNCIL POLICY / STRATEGY OR GOAL:

N/A

APPLICABLE LEGISLATION, BYLAWS, STUDIES, PLANS:

N/A

FINANCIAL IMPLICATIONS:

\$150,000 was approved as an upset value to address this item in 2013. Administration recommended that \$75,000 be allocated on September 9th, 2013 for the purchase of a used unit. Administration has located a suitable option that still has 2/3 of its life cycle ahead of it. The total cost for this unit is \$41,575 + GST and shipping charges.

ALTERNATIVES TO RECOMMENDATIONS:

N/A

ATTACHMENTS:

N/A

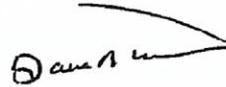
Prepared by:



Ian Frankton
Director of Recreation &
Community Services

Date: July 14th, 2014

Reviewed by:



David Steele
Senior Administration Officer

Date: July 14th, 2014

15. ADJOURNMENT

#14-240 MOVED BY: CLLR CANDOW

That the Regular Meeting of Council be adjourned at 9:05pm.

CARRIED

Certified Correct as Recorded on the 14TH day of July, 2014.

These minutes were accepted by motion #14-242.



Mayor

Senior Administrative Officer

ROWE'S CONSTRUCTION

851791 NWT Ltd. o/a Rowe's Construction
25 Studney Drive Hay River NT X0E 0R6

Ph: (867) 874-3243 Fax: (867) 874-6558
E-mail: admin@rowes.ca Website: www.rowes.ca

June 16, 2014

Town of Hay River,
73 Woodland Drive
Hay River, NT X0E 1G1



RE: New Land Use Permit and Quarry Permit Request, Hwy 6 Km 7.8

Attention: Mayor Andrew Cassidy & Council

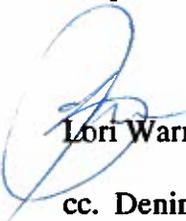
To all concerned:

Our firm is in the process of applying for a land use permit with the Mackenzie Valley Land and Water Board for the development of a sand pit and a quarry permit from the Aboriginal Affairs and Northern Development Canada for the removal of sand from the same site. Attached you will find a map depicting the proposed site.

Should we be allowed to proceed, we will be clearing the area starting at the south west point, exposing only enough area to extract the amount of sand that is in demand; most of the vegetation on this site is less than 4"; any timber that is larger, and that can be salvaged will be, and will be made available to local members for use.

In light of the above we are requesting your approval to proceed with the permitting applications. We kindly request that you please contact our office to discuss at 867-874-3243. If you prefer to sit down and meet over the proposal, this too may be arranged.

Respectfully,



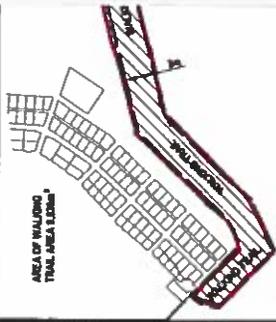
Lori Warren

cc. Deninoo Community Council, Dehcho First Nation, Northwest Territory Metis Council, Dene Nation, West Point First Nation, K'atlodeeche First Nation, Ka'a'Gee Tu First Nation, Hamlet of Enterprise, Athabasca-Denesuline, NWT Treaty 8 Tribal Corporation, Deninu K'ue First

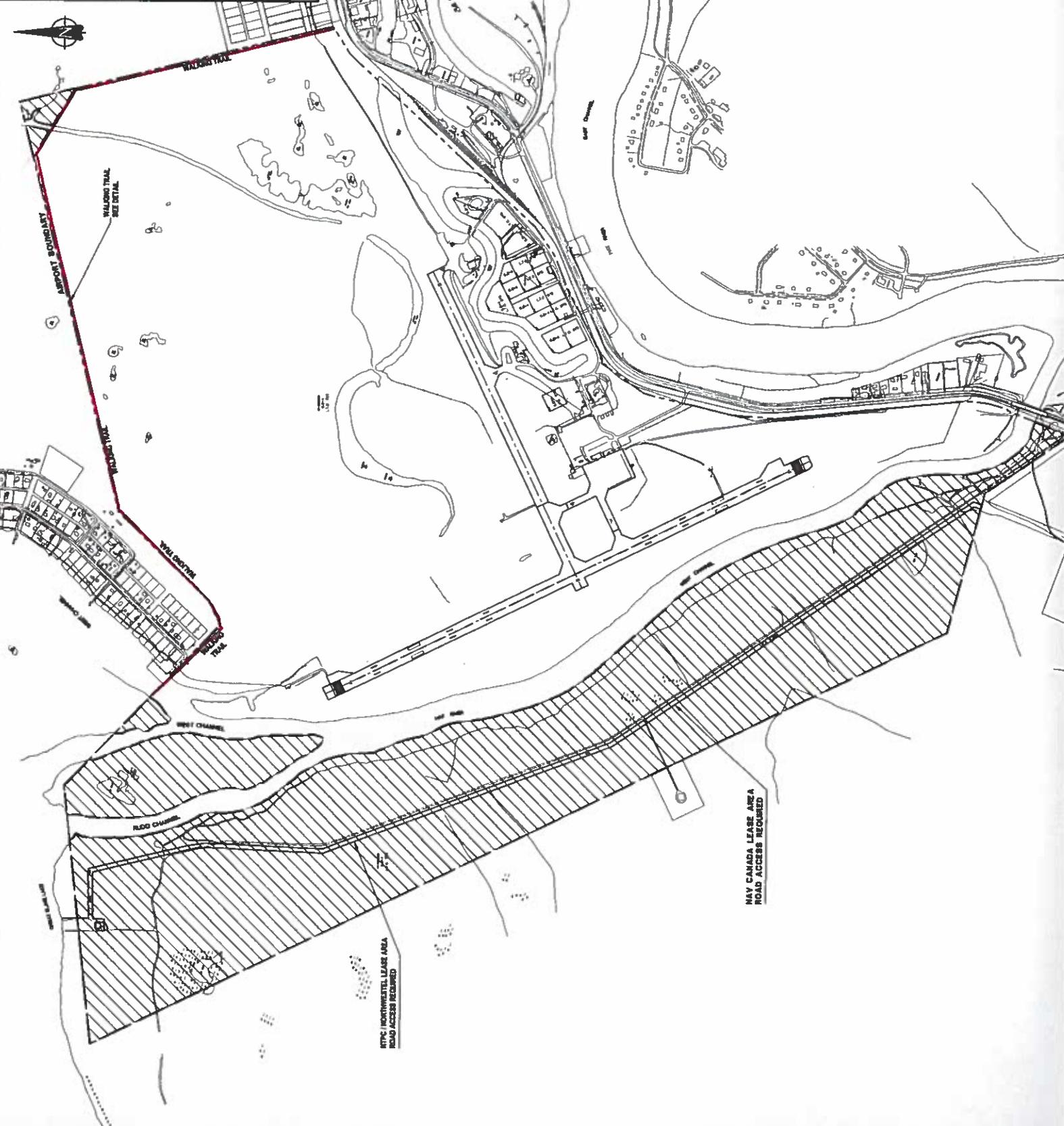
KM 7.8 Hwy 6.



NW corner:	60°46'16.29"N
	114°41'53.82"W
NE corner:	60°46'27.57"N
	114°41'21.44"W
SW corner:	60°46'0.69"N
	114°44'30.77"W
SE corner:	60°46'11.88"N
	114°40'58.17"W
Perimeter is 600m X 600m	
36 hectare	



DETAIL: WALKING TRAIL
NOT TO SCALE



RTIC / NORTHWEST LEASE AREA
ROAD ACCESS REQUIRED

MAY CANADA LEASE AREA
ROAD ACCESS REQUIRED



January 28th, 2013

Contaminants and Remediation Directorate
Aboriginal Affairs and Northern Development Canada
5103- 48th Street
P.O. Box 1500
Yellowknife, NT
X1A 2R3

Sent Via Email & Fax (See attached distribution list)

Dear Sir/Madam:

Re: *Project Update on the Closure of the Frobisher Sour Gas Wells – Hay River, NT*

Further to our letter provided on October 25th, the following is an update on the status of the Frobisher Sour Gas Wells in the Hay River area.

Aboriginal Affairs and Northern Development Canada's (AANDC) Contaminants and Remediation Directorate wishes to advise you that one of the abandoned Frobisher Gas wells has been found to have the **potential** to leak hydrogen sulphide (H₂S) gas. H₂S is both toxic and explosive at low concentrations. The discovery was made during recent monitoring work completed in October 2013. The investigation was carried out on three wells that were previously worked on during the 2011 Well Abandonment Program (Wells #4, #5, and #5B), and on the other four wells (#1, #6, #7, & #8) that have been part of an ongoing "Care & Custody" program involving regular site inspections on these wells.

The investigation revealed that one of the wells of the group of 7 (Well #1) contains high levels of H₂S gas and has the potential to develop a small leak due to the corroded state of the well casing. The well is located within the existing Hay River Ski Club trail system (see map attached). This well is not currently leaking and is not a threat to the public, environment or wildlife, however as a precaution, and because the well is located near the Hay River Ski Club Trails and nearby residents, the well has been fenced off and signs have been posted to warn the public not to approach the well.

AANDC CARD is currently evaluating options to implement a second well abandonment program to properly secure well #7, and to complete follow-up closure activities required on Well #5 and #5B. In the meantime, as a safety precaution, AANDC CARD plans to implement a gas monitoring program to monitor air quality within the area to ensure public safety. In the near future, AANDC CARD will be engaging with all interested parties to increase public awareness on the status of the wells, to provide an update on the progress made by CARD to date towards the permanent closure of the wells, and to discuss future plans/next steps.

Further background information on the work completed at the Frobisher Gas Well site to date is provided below.

The health and safety of northerners and the protection of the environment are top priorities for the federal government; should you have any concerns regarding this matter, please do not hesitate to contact myself at (867) 669-2769 or Samuel Kennedy at (867) 669-2834.

Sincerely,

A handwritten signature in blue ink, appearing to read "Alison Heslep".

Alison Heslep
A/Project Manager
Contaminants and Remediation Directorate
NWT Region
AANDC

Background

There are seven orphaned exploration wells located on Crown land near the Hay River Golf Course/Ski Club, approximately 12 km outside the Town of Hay River. The wells were drilled between 1922 and 1946 by a company that no longer exists (Frobisher Exploration Company Ltd.). In 2005, the National Energy Board (NEB) conducted an inspection of the wells and determined that three wells (#4, #5, and #5B) were leaking sour gas. Sour gas is any gas that contains significant amounts of hydrogen sulphide (H₂S), which is toxic at very low concentrations.

Since 2005, AANDC CARD has conducted numerous investigations on these wells to confirm levels of hydrogen sulphide gas and overall stability. In 2010, a well abandonment expert was commissioned by AANDC to develop abandonment plans for three problem wells (#4, #5, and #5B); and to conduct a detailed desk-top review of the other four wells to confirm abandonment status.

Based on the available information at the time, the desk-top study revealed that additional abandonment work was not required. Based on this information, AANDC planned to implement a "Care and Custody" program involving regular site inspections on these wells.

The Abandonment Program for the three problem wells (#4, #5, and #5B) was undertaken between February 2011 and August 2011. Work involved site access construction, mobilization/demobilization of a drilling rig and associated equipment, well abandonment activities, and site restoration. Due to the pressures and concentrations of sour gas that were encountered during operations, only one of the three wells was successfully abandoned; however, all three wells are now secure and are no longer leaking any gases to the atmosphere.

In the fall of 2013, AANDC commissioned the same well abandonment contractor to return to site to complete follow-up gas migration monitoring on wells #5, and #5B and to cut and cap well #4. In addition, given the H₂S concentrations and pressures found behind the well casings on wells #4, #5, and #5B, further intrusive investigations on the other four wells (Wells #1, #6, #7, & #8) were completed to confirm well integrity and detect whether sour gas was present. Wells #6, #7, and #8 were tested and found to be "Dead" or do not contain any gasses. Well #1 could not be tested due to an inability to locate the well center. However, one of the four wells (Well #7) contains concentrations of H₂S that could pose a potential future human health and wildlife risk. The well casing is intact; however, corrosion was observed and corrosive levels of H₂S were found within the well casing that will likely cause further corrosion over time. Well #7 is located near the Hay River Ski Club trails. While the well is not currently leaking, proper abandonment is required.

AANDC CARD is currently evaluating options to implement a second well abandonment program to properly secure well #7, and to complete the abandonment activities required on well #5, and #5B. A follow-up investigation in the summer of 2014 is also planned to re-attempt locating the well center in order to confirm the abandonment status of Well #1. In the meantime, as a safety precaution AANDC CARD plans to implement a gas monitoring program to ensure public safety. In the near future, AANDC CARD will be engaging with all interested parties to increase public awareness on the status of the wells and to discuss future plans.



Distribution List

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Aboriginal Affairs and
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Affaires autochtones et
Développement du Nord Canada

October 25, 2013

Contaminants and Remediation Directorate
Indian and Northern Affairs Canada
5103- 48th Street
P.O. Box 1500
Yellowknife, NT
X1A 2R3

See attached distribution list

Dear Sir/Madam:

Re: *Update on the Closure of the Old Frobisher Bay Sour Gas Wells*

From October 26 through November 2, AANDC will be conducting tests on the Frobisher Wells south of Hay River. These tests are proactive in nature, and will help us confirm the wells are in good condition and pose no potential issues for public safety. This investigation is looking at the three wells that were worked on in 2011 and also encompasses the four other wells that were previously abandoned.

Any questions or comments regarding these investigations should be forwarded to Alison Heslep at (867) 669-2769 or Alison.Heslep@aandc.gc.ca

Sincerely,

Alison Heslep
A/Project Manager
Contaminants and Remediation Directorate
NWT Region
AANDC

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2007 ZAMBONI® MODEL 520 ICE RESURFACER

- Powerful & Environmentally Efficient Ford 2.5L Industrial Engine (Approx **3,150** hrs)
- Digital Load Sensing Governor
- Full Gauge Package.
- Lambda Fuel Management System.
- Wash Water
- Hydraulic Board Brush – **New Board Brush RING**
- **Natural Gas (CNG) Carburetion c/w two (2) 60L retest tanks or LPG Carbureation**
- Sundstrand MD Series Hydrostatic Transmission (Directly Engine Flywheel Driven)
- Vickers (Vane Type) Accessory Double Pump (Directly Driven).
- Vickers (Vane Type) Auger Motors.
- Dana/Spicer (Front) and (Rear) Axles
- **Advertising Racks**
- **Chrome Wheels**
- **Back Up Alarm**
- **Auto Snow Breaker – Hydraulic**
- **Tire Wash**
- **Wash Water Transfer**
- Heavy Duty Guide Wheel.
- Stainless Steel Exhaust Piping with 7' High Rise Exhaust.
- Two (2) Headlights
- Polyethylene ice making water tank - 160 IMP
- Water Level Site Gauge
- Safety Grab Handle
- Snow Tank Safety Stand.
- **(2) NEW Shaving Blades, (1) NEW Squeegee, (1) NEW Spreader Cloth.**
- Zamboni Complete Operating & Maintenance Manual.
- Machine fully serviced, maintained and repaired prior to delivery.
- 12 month warranty as per warranty validation.

PRICE: "AS IS WHERE IS" _____ \$41,575.00 + GST

ALL PRICES ARE:

- PAYMENT DUE ON DELIVERY OR BEFORE SHIPPING
- FOB: IMI Edmonton

This machine has been well maintained and serviced on a regular basis with new OEM parts replaced as required.

Yours truly,

Jason Rolfe

INDUSTRIAL MACHINE INC.

520

Capacities/Dimensions

Snow Tank

Actual Volume	2,83m ³ (100cu.ft.)
Compacted	3.54m ³ (125cu.ft.)
Excess Water	416 L (110USG, 92 IMP)

Water

Ice Making	727 L (092USG, 160 IMP)
Wash Water	273 L (72USG, 60 IMP)
Total	1000 L (264USG, 220 IMP)

Hydraulic Oil

95 L (25USG, 21 IMP)

Conveyor System

Horizontal Auger	25.4cm (10in.)dia.
Vertical Auger	25.4cm (10in.)dia.

Overall Length

Snow Tank Down	4.04m (159 in.)
Snow Tank Up	5.03m (198 in.)

Overall Height

Snow Tank Down	2.16m (85 in.)
Snow Tank Up	3.91m (154 in.)

Overall Width

2.13m (84 in.)

Wheelbase

1.95m (77 in.)

Wheel Track

1.37m (54 in.)

Turning Radius

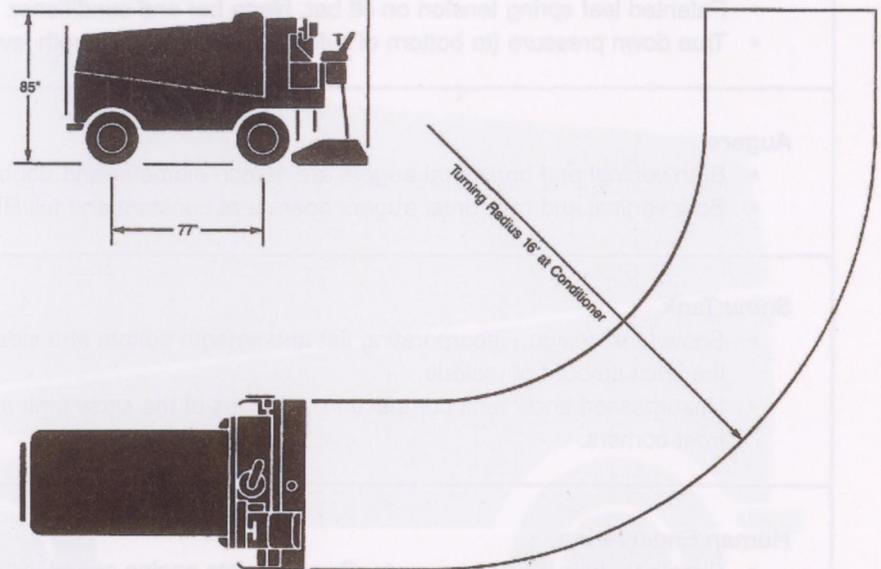
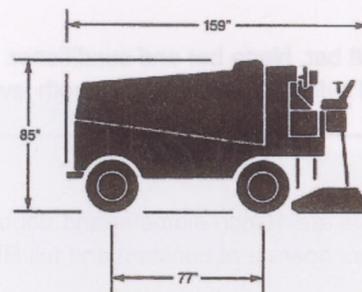
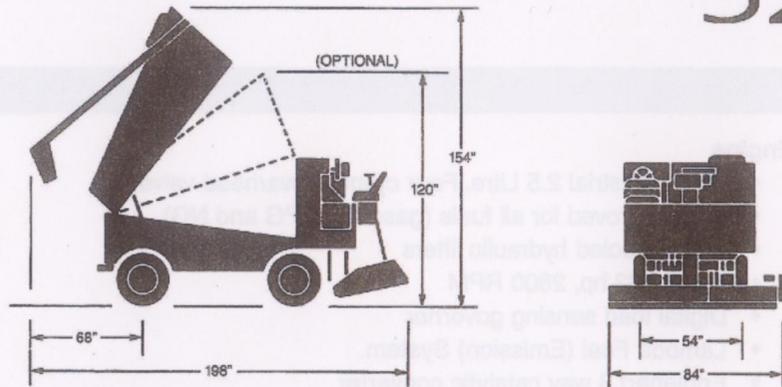
At Conditioner 4.86m (16ft.)

Shaving Blade

1.27x12.7x195.6cm
1/2"x5"x77"

Vehicle Weight

Empty	2985kg (6580 lb.)
w/Water	3983kg (8780 lb.)



Store Room/Facilities

Adequate ventilation of any engine emissions must be provided in the storage room and the ice rink(s). The storage room should be heated and have adequate floor drainage. The room should be located close to an end of the ice surface(s) to minimize turning and ramps, and include outdoor access for snow dumping and machine/building maintenance. All doors should be minimum of 2.74 m (9 ft.) wide by 2.74 m (9 ft.) high. Dimensions of the room should include a minimum 1.22 m (4 ft.) clearance on all sides of the machine. A snow melting pit should be capable of processing 3.54 m³ (125 cu. ft.) of snow per hour, per ice surface. Ice making water requirements are approximately 757 L (200 USG, 167 IMP) per hour, per ice surface. Most operators, especially in cold climates, use hot water for their ice making that is heated to 60° to 71 °C (140° to 160°F).

This brochure has been prepared only as a general guide to the customer. Every effort has been made to insure that all information is correct at the time of printing. Zamboni reserves the right to change prices, colors, materials, specifications and models. Some features described, or shown, may be optional at extra cost. Some options are required in combination with other options.

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