

AGENDA

Regular Council meeting to be held
Tuesday March 3, 2020 at 7:00 p.m.
Trout Creek Friendship Centre

1. **CALL TO ORDER**
2. **ROLL CALL**
3. **DISCLOSURE OF MONETARY INTEREST AND GENERAL NATURE THEREOF**
4. **APPROVAL OF THE AGENDA**
5. **PRESENTATIONS**
6. **ADOPTION OF MINUTES**
 - 6.1 Regular Council meeting of February 18, 2020
7. **MINUTES AND REPORTS FROM COMMITTEES OF COUNCIL**
 - 7.1 Powassan Maple Syrup Festival Planning Committee minutes of February 19, 2020
8. **MINUTES AND REPORTS FROM APPOINTED BOARDS**
 - 8.1 District of Parry Sound Social Services Admin Board minutes of January 9, 2020
 - 8.2 Powassan and District Union Public Library 2020 Budget
9. **STAFF REPORTS**
 - 9.1 Memo- K.Bester, Deputy Clerk regarding Faim International unopened road allowance
 - 9.2 Memo-K.Bester, Deputy Clerk regarding Byers-Tetreault-Tower Line
10. **BY-LAWS**
 - 10.1 2020-07 To provide for an interim Tax Levy for 2020
 - 10.2 2020-08 Site Plan Control
11. **UNFINISHED BUSINESS**
 - 11.1 Evan Hughes Site Plan Control
12. **NEW BUSINESS**
 - 12.1 Ministry of the Environment-Annual Drinking Water System Inspection Report 2019-20
 - 12.2 Ontario Clean Water Agency- 2019 Annual/Summary Report for the Powassan Drinking Water System
 - 12.3 Letter of request- Evan Hughes Excavating
 - 12.4 Letter of request- Oshell
 - 12.5 Knight Piesold Ltd.- 2019 Annual Landfill Water Quality Monitoring Report
13. **CORRESPONDENCE**
 - 13.1 Almaguin Adult Learning Centre
 - 13.2 Ministry of the Solicitor General- Compliance for Emergency Management -2019
 - 13.3 Ministry of Municipal Affairs & Housing- Provincial Policy Statement 2020
14. **ADDENDUM**
15. **ACCOUNTS PAYABLE**

16. NOTICE OF SCHEDULE OF COUNCIL AND BOARD MEETINGS

16.1. March 2020 Schedule of Events

17. PUBLIC QUESTIONS

18. CLOSED SESSION

19. MOTION TO ADJOURN

The Municipality of
Powassan

Regular Council Meeting

Tuesday, February 18, 2020, at 7:00 pm

Council Chambers @250 Clark, Powassan

Present: Peter McIsaac, Mayor
Randy Hall, Deputy Mayor
Dave Britton, Councillor
Markus Wand, Councillor
Debbie Piekarski, Councillor

Absent:

Staff: Maureen Lang, CAO/Clerk-Treasurer

Presentations: 250 Clark Lego Robotics Team

Disclosure of Monetary Interest and General Nature Thereof:

Markus Wand	Item 15	I am listed in the accounts payable under the Wildlife Damage Compensation Program
Peter McIsaac	Item 18.4	My employer is part of the discussion

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- 2020-55** Moved by: D. Britton Seconded by: M. Wand
That the agenda of the Council meeting of February 18, 2020, be approved. **Carried**
- 2020-56** Moved by: R. Hall Seconded by: D. Britton
That Council donates \$500 toward 250 Clark Lego Robotics Team, and further, that Council provide T-shirts for the team. **Carried**
- 2020-57** Moved by: D. Piekarski Seconded by: D. Britton
That the minutes of the Regular Council meeting of February 4, 2020, be adopted. **Carried**
- 2020-58** Moved by: D. Britton Seconded by: D. Piekarski
That the minutes from the Trout Creek Community Centre Board (TCCCB) committee meeting dated February 5, 2020, be received. **Carried**
- 2020-59** Moved by: D. Piekarski Seconded by: D. Britton
That By-law 2020-04, being a By-law to establish a Volunteer Fire Department.
READ a FIRST and SECOND time this the 4th day of February, 2020.
READ a THIRD and FINAL time and considered passed, this the 18th day of February, 2020. **Carried**
- 2020-60** Moved by: D. Britton Seconded by: D. Piekarski
That By-law 2020-07, being a by-law to provide for an interim Tax Levy for 2020.
READ a FIRST and SECOND time this the 18th day of February, 2020,
To be READ a THIRD and FINAL time and considered passed as such in open Council on the 3rd day of March, 2020. **Carried**

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- 2020-61** Moved by: D. Piekarski Seconded by: D. Britton
That the Consent Application B13/POWASSAN/2020, be received, and further, that Council approve the application. **Carried**
- 2019-62** Moved by: D. Britton Seconded by: D. Piekarski
That the correspondence dated February 10, 2020 from the Blue Sky Region regarding a Broadband upgrade project, be received. **Carried**
- 2020-63** Moved by: D. Britton Seconded by: D. Piekarski
WHEREAS, reliable, high speed, affordable access to the Internet and e-connectivity is imperative for Powassan residents, businesses, non-profit organizations and visitors; and

WHEREAS, internet and e-connectivity are changing how humans interact with each other and with the world at large, as well as being a driving force for the current and future economy; and

WHEREAS, internet and e-connectivity create opportunity for increased innovation for consumers, businesses, agriculture, government, education, social and health development; and

WHEREAS, municipalities that prioritize and provide access to advance internet infrastructure such as fibre, are surpassing those that do not in terms of social, economic, and knowledge development; and

WHEREAS, the Municipality of Powassan does not have access to greater than 5 Mbps internet service, which is well below the CRTC standard of 50/10 Mbps, and

WHEREAS, the Municipal Council of Powassan acknowledges that access to the internet and e-connectivity is a crucial part of our community mission to promote public safety, health, well-being and prosperity in order to improve the quality of life for present and future generations,

THEREFORE, BE IT RESOLVED that the Municipality of Powassan supports Blue Sky Economic Growth Corporation's application to all government Broadband funding programs that will seek to provide funding to Spectrum Telecom Group Ltd. to build a fibre and wireless access project in parts of the City of North Bay and South/East Region in the Districts of Nipissing and Parry Sound **Carried**
- 2020-64** Moved by: D. Britton Seconded by: D. Piekarski
That the correspondence dated February 10, 2020, from the Ministry of the Environment conservation and Parks regarding reorganization of branches of the ministry, creating a new Municipal Water and Wastewater Permissions Section for municipal drinking water license (MDWLs) and drinking water works permits (DWWPs), be received. **Carried**
- 2020-65** Moved by: D. Piekarski Seconded by: D. Britton
That the accounts payable listing reports dated February 4 & 12, 2020, in the total amount of \$107,962.79, be approved for payment. **Carried**

2020-66

Moved by: D. Britton

Seconded by: D. Piekarski

That Council now adjourns to closed session at 7:44pm to discuss:

18.1 Adoption of Closed Session minutes of January 7, 2020.

18.2 Adoption of Closed Session minutes of January 21, 2020.

18.3 Labour Relations-Section 239(2)(d) of the Municipal Act and under 6(1)(d) of the Procedural Bylaw. Matters regarding an identifiable individual.

18.4 Identifiable Individual-Section 239(2)(b) of the Municipal Act and under 6(1)(b) of the Procedural Bylaw. Matters regarding an identifiable individual.

18.5 Identifiable Individual-Section 239(2)(b) of the Municipal Act and under 6(1)(b) of the Procedural Bylaw. Matters regarding an identifiable individual.

Carried

2020-67

Moved by: D. Piekarski

Seconded by: D. Britton

That Council now reconvenes at 8:55pm.

Carried

2020-68

Moved by: D. Britton

Seconded by: D. Piekarski

That Council now adjourns at 8:55pm.

Carried

Mayor

CAO/Clerk-Treasurer

**POWASSAN MAPLE SYRUP FESTIVAL
PLANNING COMMITTEE MEETING MINUTES
WED., FEBRUARY 19, 2020**

The meeting was called to order at 6:05 p.m. with 12 members in attendance.

Motion to Approve the January 15, 2020, Minutes. Moved by Audrey Matthews, Seconded by Mike Odrowski. Carried.

2. Business arriving from Minutes - None

3. Correspondence - None

4. Maple Producers:

- The Maple Producers Association will be hosting their 3 day Provincial event in North Bay in 2022.
- Maple Weekend is April 4-5th this year.
- Matthews will be hosting the First Tapping on March 14th, beginning at 1 pm. Clarence has volunteered to attend as Sappy.
- Producers have begun to tap their trees.

5. New Business:

- Members discussed options for advertising in the Festivals & Events guide and decided this wasn't something we will do at this time. Members would like to receive copies of the guide – Kim to inquire.
- Clarence will be organizing the antique tractors and cars. Tim Montgomery will be doing the branding on wood with donations being given to the Food Bank. Kim to touch base with Fire Chief Cox regarding whether or not a fire permit for this is required.
- Peelers Potatoes has offered to provide lunch vouchers for Clarence and Tim, and the EMS staff participating in the festival.
- We have approximately 53.5 (10x10) vendor spots, and 2 large vendor spots confirmed for the Sportsplex. We have 82 vendor spots, including 8 Food Vendors confirmed for outside.
- Lori mentioned the possibility of having juried vendors inside at 250 Clark in 2021.
- Linda has re-measured Main Street and will meet with Monika to determine exactly where the stage and seating will be located. Once this has been done, she will coordinate with Maple Producers to allocate their spaces.

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- Linda to touch base with both Hummingbird and JMI Design to determine whether or not they wish to have a space in front of their business and to determine IF they require access (JMI Design), if they do not require a space. Hummingbird will be provided with a space for access.
- We will not provide Vendors with the opportunity to pre-register.
- Randy has spoken to two Security companies about having a dozen security on-site from 8 am to 4 pm. The cost for this would be approximately \$2100 - \$2400. Randy to reserve security for the festival.
- Randy to also ensure that a motion is passed at the next Council meeting so that the necessary Public Works staff can assist the day of the festival if their other responsibilities make this possible.
- Kim to organize Emergency Management meeting with OPP, Fire Department and EMS for March.
- Electronic signs could be available from the highway maintenance group, but if required for highway use, we would not have. There may be an opportunity to rent other large signs or possibly have them provided in exchange for sponsorship recognition. Randy to look into this further. He will also determine whether or not no parking / accessible parking only signs can be borrowed from neighbouring municipalities.
- We will be placing barricades with "VIP Access Only" Signage on both the east and west sides of 250 Clark to ensure that only Dignitaries park at the back of 250 Clark. The bus will be dropping off and picking up people on the east side of the 250 Clark building and then continuing around the back and exiting onto Clark St. on the west side. The bus to the Trout Creek Community Centre Marine Show will also be following this route.
- Accessible parking only will be provided at the front of 250 Clark. Accessible parking will also be available behind the Legion and Kim to determine whether the owner of the FHT building on King St. would permit Accessible Parking only there.
- The committee asked that Monika reach out to buskers, and once we've determined how many would be interested in participating, they will be allocated to designated spaces. Lori advised that a young juggler would be interested in being involved.
- Kim to contact Glendale Farms to see if they have any concerns about the Pipers going past King Street on Main.
- Security will be asked to deal with any issues that arise from dogs attending the festival and Kim to post on Facebook that we would prefer that dogs not attend, but IF they do, they must be muzzled and on short leashes, and that only service dogs are permitted in municipal buildings.
- Print, Online and Radio ads were discussed and the following was agreed upon:
 - We will reduce Metroland Media (Almaguin News) advertising budget to approximately \$339.00, which will be used for two print ads.
 - We will reduce our Post Media (Nugget, etc.) advertising budget to approximately \$1000, which will be used for one color ad to be placed on a different date than Matthews regular one.
 - We will reduce our Radio advertising budget to \$1000 – Kim to advise radio station and determine what they can provide for this and to confirm whether or not they will still provide radio announcers for the Opening Ceremonies and Pancake Flipping Contest.

We will also ask whether we could have a contest for a Maple basket / other goodies which they could advertise.

- We will consider not putting up the sandwich boards / laminated signs, and instead using the way finding signs to thank our sponsors.
- The festival will continue to provide advertising online, etc. of the Maplehill Sap Run and the Trout Creek Community Centre Marine Show (if it takes place).
- We will ask if both the electronic signs in Trout Creek and Powassan can be used for advertising the festival and if the Powassan / Sportsplex one in particular can be used to thank our sponsors.
- Kim to update budget, as per changes discussed, and committee to finalize and pass at the March meeting.

Other Discussions:

Kim to arrange Emergency Management meeting in March – with OPP and EMS representatives, along with Chief Cox, Ben Mousseau, Randy Hall, and security rep to be invited.

The next meeting will to be on Wed., March 25, 2020 at 6 p.m.

Motion – Moved by Joann Long, seconded by Audrey Matthews, that the meeting is adjourned at 8:00 p.m.

Minutes Approved by: _____
Randy Hall, Chair

Recorded by: _____
K. Bester/Secretary

MEETING MINUTES

Thursday, January 9, 2020 at 7:00 p.m.

*DSSAB Office, Killbear Room
1 Beechwood Drive
Parry Sound, Ontario*

District of Parry Sound



Social Services
Administration Board

Board Members Present:

Linda Alkins	Gail Finnson
Jerry Brandt	Lyle Hall
Teri Brandt	Teresa Hunt
Ted Collins	Barbara Marlow
Joel Constable	Jamie McGarvey
Steve Crookshank	Rick Zanussi

Board Members Absent:

Linda Andersen
Roger Burden
Ted Knight

Staff:

Joe Bradbury, CAO
Mitzi Dinsmore, CFO
Jennifer Harris, Administrative Assistant

1. **CALL MEETING TO ORDER:**

The meeting was called to order by the CAO, Joe Bradbury at 7:03 p.m.

2. **DISCLOSURE OF PECUNIARY INTEREST**

3. **ELECTIONS:**

3.1 Election of Chair

The CAO assumed the position of Chair and conducted the election.

The CAO called for nominations from the floor three times for the position of Chair.

Mr. Rick Zanussi was nominated and willing to stand. No other nominations were put forward for the position of Chair.

Resolution 200101

CARRIED

Moved by Barbara Marlow

Seconded by Joel Constable

"THAT Rick Zanussi be appointed and approved as the Chair of the District of Parry Sound Social Services Administration Board for the year 2020."

3.2 Election of Vice-Chair

The Board Chair conducted the election.

The Board Chair called for nominations from the floor three times for the position of Vice-Chair.

Ms. Barbara Marlow was nominated and willing to stand. No other nominations were put forward for the position of Vice-Chair.

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Resolution 200102

CARRIED

Moved by Jerry Brandt

Seconded by Lyle Hall

"THAT Barbara Marlow be appointed and approved as the Vice-Chair of the District of Parry Sound Social Services Administration Board for the year 2020."

4. APPROVAL OF MINUTES:

4.1 December 19, 2019

Resolution 200103

CARRIED

Moved by Jerry Brandt

Seconded by Steve Crookshank

"THAT the Board meeting minutes of Thursday, December 19, 2019 be approved as presented."

5. DEPUTATIONS & PRESENTATIONS:

5.1 2020 Budget

Mr. Crookshank's revised budget resolution was reviewed as follows:

Waubee Daycare Expansion

Business case is to be brought back to the Board prior to any work proceeding. The following addition is to be added to the budget document, "planning/direction/firm details will be provided prior to any expenditures".

Item to remain in budget

Workshop

Standard size workshop and cost includes furniture, fixtures and will be heated. More information to be brought back to the Board prior to any work being done.

Item to remain in budget

Storage Building

Required due to a lack of storage within our South River building.

Item to remain in budget

Vans

Much discussion ensued; primary reason for these vans is to transport clients to our office or an employment center for training.

Business case to be brought back to the Board prior to proceeding with van purchase.

Discussion took place around taxis being utilized in West Parry Sound but not in East Parry Sound since they aren't available.

There were two (2) options presented to the Board:

A. Purchase two (2) vans – Defeated

B. Purchase one (1) van & utilize taxis where available – Approved

Ms. Dinsmore to research the numbers to either lease or purchase the van.

Option B to remain in budget

Nurse Practitioner

Intent is to fill a gap to help with the need of clients. Discussed the option of working with a third party to deliver these services.

More details to be provided prior to any expenditures or hiring.

Much discussion ensued regarding the DSSAB involving itself in the health care system.

Year-end statistics and reports to be brought back to the Board.

Recorded vote was requested:

	<u>FOR</u>	<u>AGAINST</u>		<u>FOR</u>	<u>AGAINST</u>
Linda Alkins	X		Gail Finson	X	
Linda Andersen			Lyle Hall	X	
Jerry Brandt	X		Teresa Hunt	X	
Teri Brandt	X		Ted Knight		
Roger Burden			Barbara Marlow		X
Ted Collins	X		Jamie McGarvey		X
Joel Constable		X	Rick Zanussi		X
Steve Crookshank		X			

Item to remain in budget

Employment Interns

DSSAB isn't hiring this position but rather providing funds to top-up an intern's salary with either the Chamber or the Economic Development Office. Recommendation was made to partner with Economic Development Office.

Item to remain in budget

Human Resource Employee

Item to be removed from budget

Discussion took place on helping to fund the Mary Street Warming Centre in Parry Sound. Direction was given to staff to provide \$25,000 for the Mary Street Warming Centre and item to be added to the budget.

Resolution 200104

CARRIED

Moved by Jerry Brandt

Seconded by Steve Crookshank

"THAT the Board approves the 2020 Budget as presented;

AND THAT the 2020 Municipal Levy be established in the amount of \$6,421,953."

The 2020 Municipal Levy was distributed for members to give to their municipalities. The public document will be prepared and distributed to municipalities as soon as possible.

6. REPORTS:

6.1 Chair

6.2 Chief Administrative Officer
CAO report was presented.

6.3 Chief Financial Officer
Financial statement was presented.

7. OUTSTANDING ISSUES

8. NEW BUSINESS:

8.1 Appointment of Auditors for 2020
A written report was presented and reviewed.

Resolution 200105 **CARRIED**
Moved by Barbara Marlow
Seconded by Gail Finnson
"THAT the Board appoints the firm of Gingrich and Harris as auditors for the DSSAB for the year ended December 31st, 2019."

8.2 Borrowing Resolution for 2020
A written report was presented and reviewed.

Resolution 200106 **CARRIED**
Moved by Linda Alkins
Seconded by Teri Brandt
"THAT the CAO and/or the CFO are authorized to arrange with the Corporation's Bank by way of promissory notes, to borrow up to a maximum amount of \$1,000,000 that may be required to meet expenditures;

AND THAT this borrowing arrangement shall stay in effect until December 31st, 2020."

8.3 DSSAB Act Review - Update
A written report was presented and reviewed.
Mr. Bradbury provided background information on the DSSAB Act review and outlined the recommendations.

8.4 EDI Data Overview
Deferred to next month

9. IN CAMERA

10. CORRESPONDENCE

11. RESOLUTIONS

12. ADJOURNMENT

The meeting was adjourned to the next regular meeting to be held Thursday, February 13, 2020 in Sundridge.

Resolution 200107

CARRIED

Moved by Teresa Hunt

Seconded by Jamie McGarvey

"THAT the Board meeting now be adjourned to the next regular meeting to be held Thursday, February 13, 2020 at the Sundridge Community Centre, 110 Main Street, Sundridge, Ontario at the hour of 7:00 pm."

MEETING MINUTES

Thursday, January 23, 2020 at 10:00 a.m.

District of Parry Sound



Social Services
Administration Board

Board Teleconference

Dial-in Number: 1-800-974-5902 OR 416-874-8100

Conference ID: 4292517

Board Members Present:

Linda Andersen	Gail Finnson
Jerry Brandt	Ted Knight
Teri Brandt	Barbara Marlow
Roger Burden	Jamie McGarvey
Steve Crookshank	Rick Zanussi

Board Members Absent:

Linda Alkins
Ted Collins
Joel Constable
Lyle Hall
Teresa Hunt

Staff:

Mitzi Dinsmore, CFO
Jennifer Harris, Administrative Assistant
Lisa Moore, Director of Human Resources

1. **CALL MEETING TO ORDER:**

The meeting was called to order by the Board Chair, Rick Zanussi at 10:01 a.m.

2. **DISCLOSURE OF PECUNIARY INTEREST**

3. **APPROVAL OF MINUTES**

4. **DEPUTATIONS & PRESENTATIONS**

5. **REPORTS**

6. **OUTSTANDING ISSUES**

7. **NEW BUSINESS:**

7.1 NOAH Guarantee

A verbal report was provided and discussion ensued.

Resolution 200108

CARRIED

Moved by Linda Andersen

Seconded by Ted Knight

"WHEREAS the Board approved Resolution No. 19 10 06 on October 10, 2019;

AND WHEREAS Joseph Bradbury is no longer an employee of the District of Parry Sound Social Services Administration Board;

THEREFORE BE IT RESOLVED THAT

1. Rick Zanussi and Mitzi Dinsmore are hereby authorized on behalf of the Board to guarantee the indebtedness and liability of The Non-Profit Organization for Almaguin Housing Inc. (NOAH) to a maximum of \$11,000,000; and

2. Rick Zanussi and Mitzi Dinsmore are hereby authorized to execute and deliver on behalf of the Corporation all such other documents and writings and to do such other acts and things as may be necessary or desirable for fulfilling the Corporation's obligations under the Guarantee."

8. IN CAMERA

9. CORRESPONDENCE

10. RESOLUTIONS

11. ADJOURNMENT

The meeting was adjourned to the next regular meeting to be held Thursday, February 13, 2020 in Sundridge.

Resolution 200109

CARRIED

Moved by Jerry Brandt

Seconded by Jamie McGarvey

"THAT the Board meeting now be adjourned to the next regular meeting to be held Thursday, February 13, 2020 at the Sundridge Community Centre, 110 Main Street, Sundridge, Ontario at the hour of 7:00 pm."

District of Parry Sound



Social Services
Administration Board

Monthly Report

February 2020

Mission Statement

“We are committed to the provision and promotion of services that assist individuals in attaining an optimum quality of life and that contribute to the well-being of the community.”

DSSAB PROGRAM UPDATES - Janice Bray, Director of Social Services

The North Bay Parry Sound District Health Unit has been collecting and distributing the Nipissing Parry Sound overdose Incident Report since May 27, 2019. From May to the end of December there were 148 reported incidents in the Health Unit catchment area with 8 deaths. Of those 148 incidents, 44% were in the District of Parry Sound. Considering our population is about half the size as the District of Nipissing, this is concerning that we have almost half of the reported incidents.

As follow up to the resolution regarding one Ontario Health Team (OHT) for the District of Parry Sound, the DSSAB is hosting a meeting on February 14th in Sundridge with all the OHT Proponents. This meeting is for a discussion on how services will be provided in the District.

In our Ontario Works Program, staff exceeded the employment outcome targets for 2019. Thanks to the staff for their work and commitment to their clients. The requirement was for a 3% increase over the year before actuals. This will become more challenging each year as our targets move up.

The Housing and Homelessness Plan Update is still with the Ministry for comment. Comments are to be back to us at the end of this month. Once we have them we will be able to assess their impact on our Plan going forward.

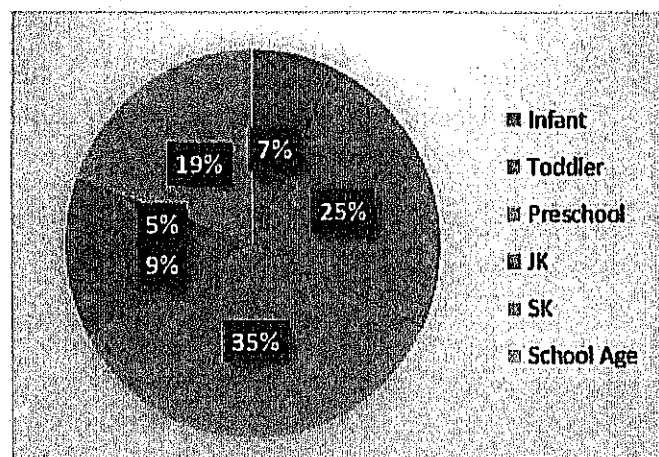
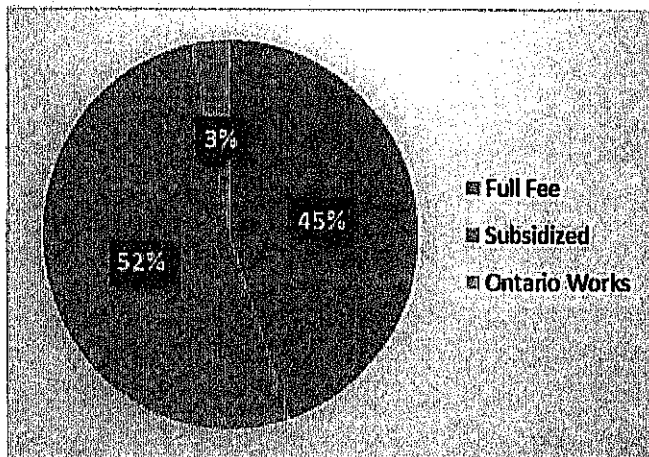
22A Belvedere building sprinkler project is basically complete and the relocation of tenants floor by floor went extremely well. Thanks to the staff for supporting the tenants through a long 5 month project.

In September 2019, after the fire at 21 River Street, staff were working with 22 individuals who were left homeless. Over the fall and to date staff have worked hard to find permanent housing most of the residents. We currently have 4 individuals who are still in temporary housing. Those who are permanently housed are actively working with staff and staff are touching base with them at least once a week. Staff work with the individuals on their goals and assist them with staying connected with the services they need. In less than 5 months, staff have been able to house 82% of the residents of 21 River Street. It is amazing what two staff have been able to accomplish in this short amount of time as well as carrying an already active caseload. Thanks go out to all the staff in the Homelessness Prevention Program for their work and dedication to their clients.

DIRECTLY OPERATED EARLY LEARNING AND CHILD CARE CENTRES - Brenda Wiltshire, Manager

Child Care Statistics for December 2019				
Age Group	Full Fee	Subsidized	Ontario Works	Total
Infant	20	14	1	35
Toddler	60	61	8	129
Preschool	73	97	8	178
JK	27	18	0	45
SK	12	12	0	24
School Age	36	63	0	99
# of Active Children	228	265	17	510
# of Families Served	220	242	16	478

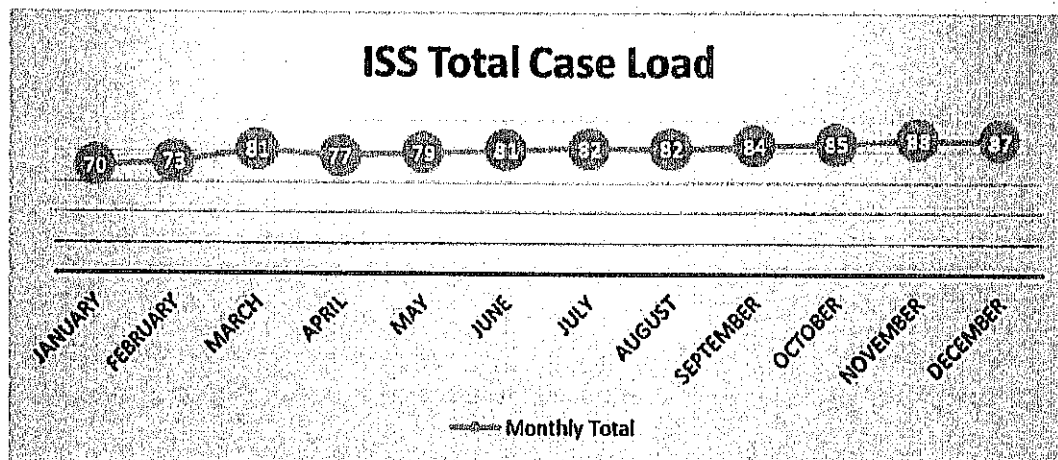
A total of 510 children attended the month of December showing a slight increase in families utilizing child care through Ontario Works.



Home Child Care Stats for December 2019				
	East Parry Sound	West Parry Sound	Total	Waitlist
Enrollment	71	58	129	16
Providers	11	11	22	9

The Home Child Care Program was able to accommodate 17 school-age children effected by the elementary school labour disruption.

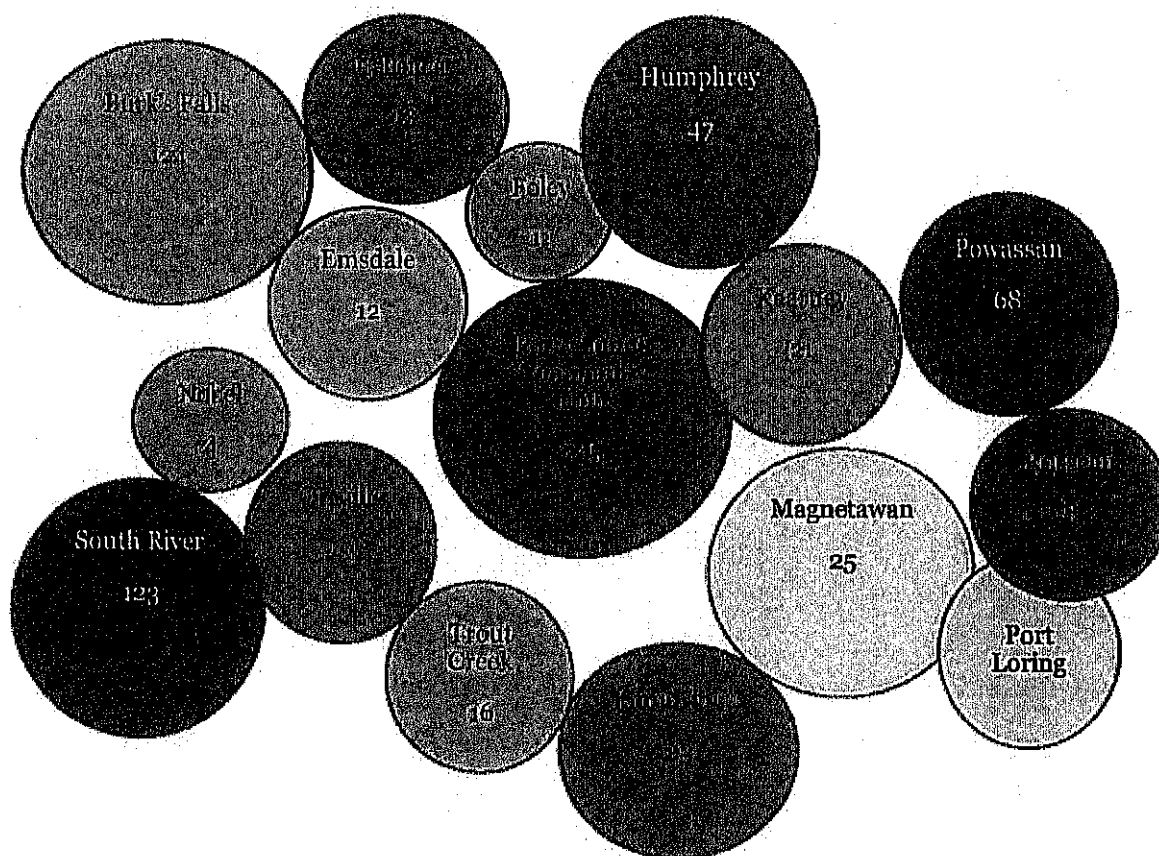
Inclusion Support/Services Stats for December 2019						
Site	EarlyON	Licensed Early Learning & CCC's	Total	Waitlist	New Referrals	Discharges
Number of Children Supported in East P.S.	10	39	49	6	2	4
Number of Children Supported in West P.S.	23	15	38	6	0	1
Monthly Totals	33	54	87	12	2	5
Unduplicated Year to Date Totals	19	45	64	55	61	50



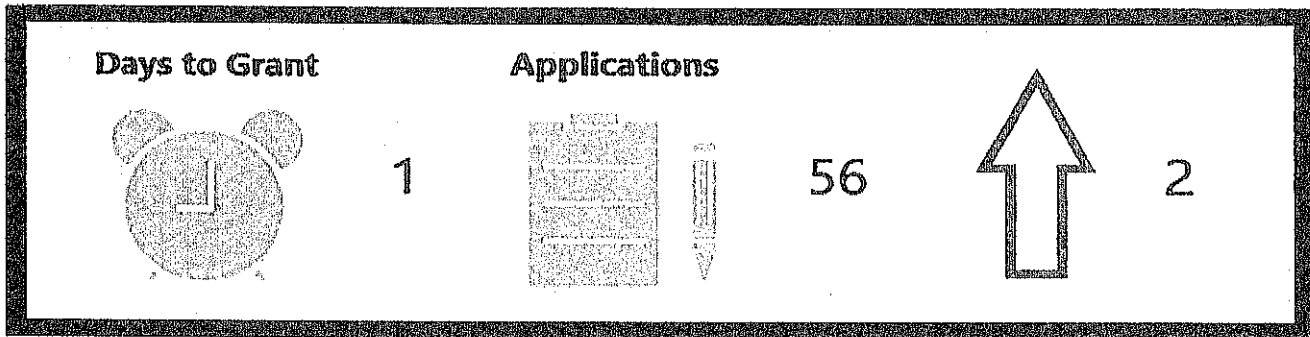
Ontario EarlyON Program

Ontario EarlyON Program		
Statistics for the month of:	December 2019	Year-to-Date 2019
Total Adult Visits	502	8,403
Total Children Visits	768	12,974
Total Family Visits	655	11,331
Total New Families	18	381
Total Community Partners/Visitors	44	722
Number of Workshops	1	14
Number of Workshop Hours	1.5	15.5

Number of Children Attending by Program Site:



2019-Monthly Average Days to Grant and Monthly Average Applications processed from First Point of Contact through Risk Based Intake- Ontario Works Applications



In 2019, we averaged 2.75 days to grant with our Risk Based Intake model, based on an average of 53 applications per month. The provincial average in days to grant in 2019 was 3.92. We saw an increase of 6 applications per month on average versus 2018.

4th Quarter Employment Outcomes

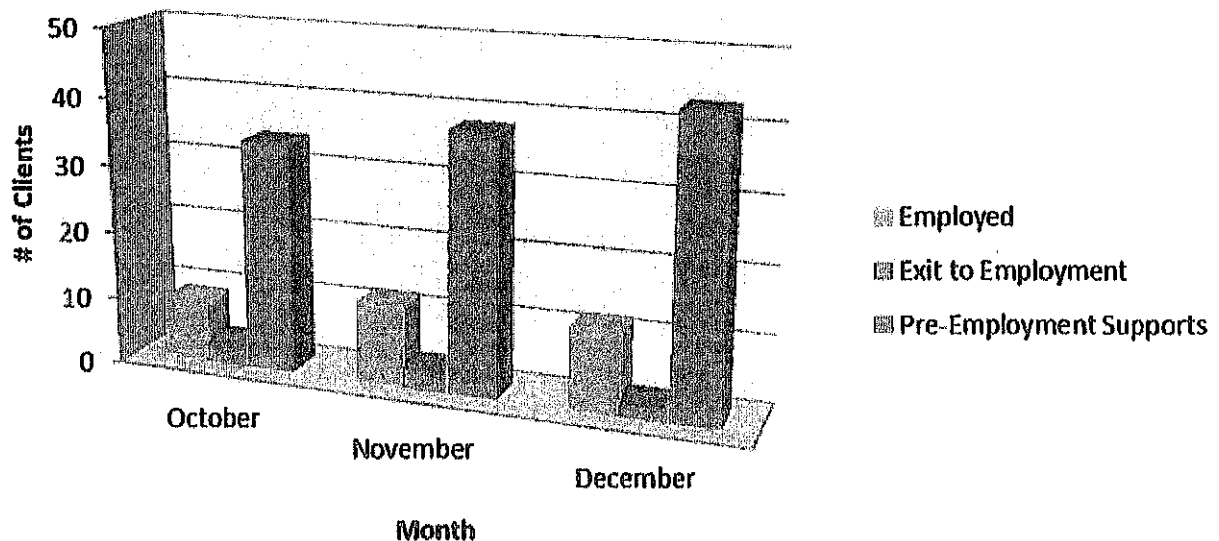
Percentage of Terminations Exiting to Employment

4 th Quarter 2019	44.17%
2019 Target	26.43%

Percentage of Caseload Exiting to Employment

4 th Quarter 2019	3.53%
2019 Target	2.43%

Enhanced Employment Support Program

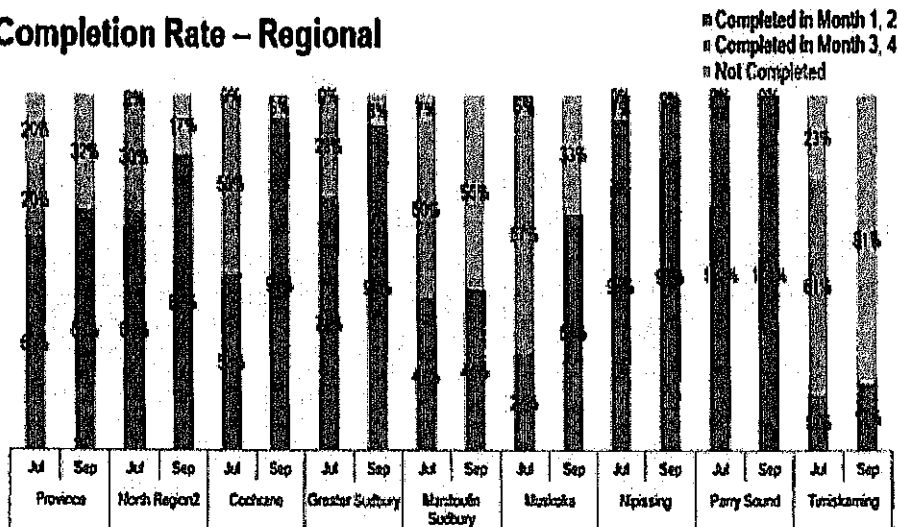


Eligibility Verification Process (EVP)

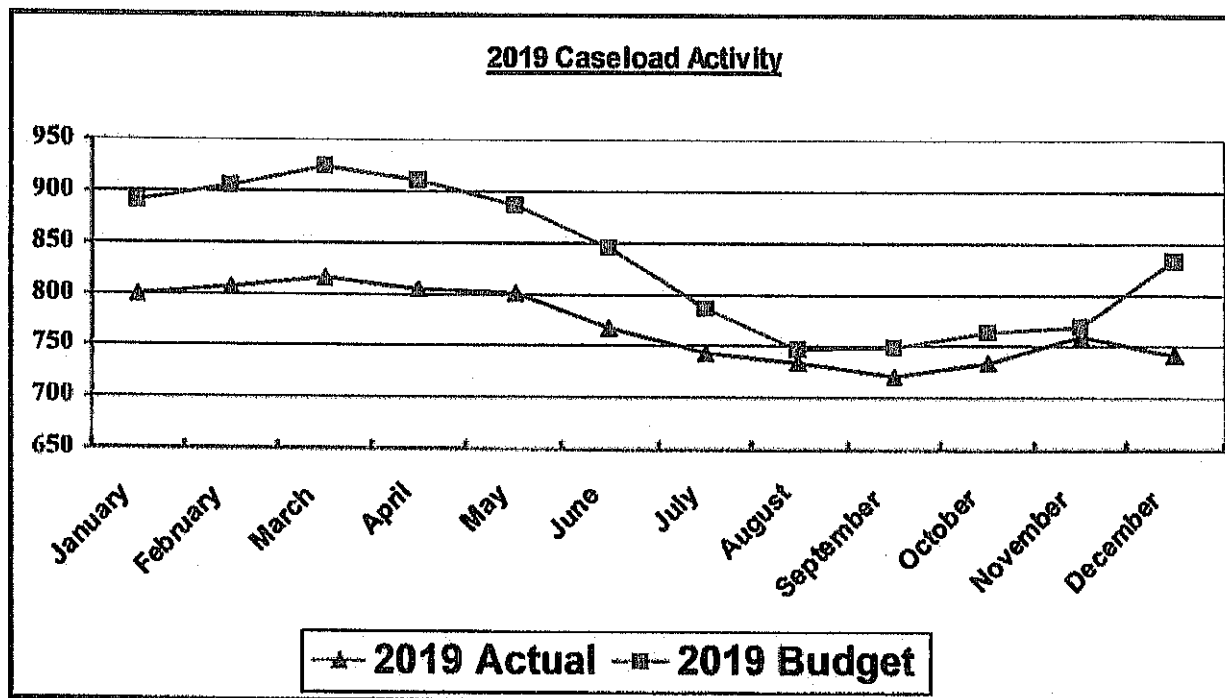
EVP is a proactive approach to identifying and ensuring that changes in client circumstances are reported and accurately reflected in the calculation of income support. 3% of the caseload is assigned on a bi-monthly basis based on risk, through the Ministry's Risk Assessment model developed with Equifax. The 4 areas reviewed are Income, Assets, Expenses and Debt.

As part of the Ministry's 2019 Service Delivery Priorities, the province requires OW offices to maintain a 100% assignment rate of cases within 15 days and a 100% Completion Rate within 2 months. Our Eligibility Review Officers complete these reviews and have maintained a 100% completion rate in 2019. Below is a comparison of where we stand with other sites in the region and provincially.

Completion Rate – Regional



This chart shows, for the latest two Audit Plan assignments (July and September 2019), the completion rate achieved in each SDA in this region, with comparison to regional and provincial average.



LEGEND	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
2019 Actual	800	807	815	805	801	768	743	734	721	734	760	742
2019 Budget	891	905	924	910	886	845	786	747	749	764	769	833

CHILD CARE SERVICE MANAGEMENT - Jeff Degagne, Manager

OLAF

Below outlines the applications that were processed through our Online Application for Child Care Fee Subsidy system (OLAF) in January 2020:

Online Application for Child Care Fee Subsidy (OLAF)		
Date Range	Accepted	Rejected
January 1 st - 31 st , 2020	2	5

- ♦ Accepted means the applicant qualifies and has secured a child care placement
- ♦ Rejected may mean an applicant is pregnant, looking for child care placement or looking for employment or may mean an applicant's income exceeds the cost of child care therefore does not qualify

HOUSING PROGRAMS - Pam Nelson, Manager

Social Housing Centralized Waitlist Report - December 2019			
	East Parry Sound	West Parry Sound	Total
Seniors	10	120	130
Families	83	324	407
Individuals	299	214	513
Total	392	658	1,050
Total Waitlist Unduplicated			436

Social Housing Centralized Waitlist (CWL) 2018 - 2019 Comparison Applications and Households Housed from CWL									
	Housed 2018	New App 2018	Cancelled 2018		Housed 2019	New App 2019	New SPP	Cancelled 2019	SPP Housed
January	0	11	1	January	1	15		4	
February	2	9	5	February	7	10		3	1
March	3	7	12	March	1	9	1	1	
April	2	3	4	April	1	16		2	
May	5	20	19	May	2	13		1	1
June	1	11	35	June	1	4	3	4	
July	1	14	5	July	2	4	1	5	1
August	2	14	7	August	3	9		14	1
September	6	8	6	September	3	10		1	
October	1	8	4	October	3	6		2	
November	3	7	5	November	1	9		1	
December	3	12	8	December		9		8	
TOTALS for the year	29	124	111	TOTALS for the year	25	114	5	46	4

- ♦ 2019 ended with an increase of 31 applicants on the Centralized Waitlist (CWL) up 8% from 2018.
- ♦ 25 people were housed from the CWL across the district - 5.7% of the CWL.
- ♦ 4 out of the 5 Special Priority applicants were housed - 80% amazing!
- ♦ 44 pieces of ledger paper—that is how many pages are in the Centralized Wait List. That's a big document!

HOMELESSNESS PREVENTION PROGRAM - Pam Nelson, Manager

For the month of December 2019

Support

All services performed, provided, or arranged by the Homelessness Prevention Program staff to promote, improve, sustain, or restore appropriate housing for individuals active with the Homelessness Prevention Program, periodically within the month, not requiring intense case management.

Income Source	East	West
Senior	9	9
ODSP	10	30
Ontario Works	2	4
Low Income	20	31

Intense Case Management

Intense Case Management involves the coordination of appropriate services and the provision of consistent and on-going weekly supports, required by the individual to obtain and sustain housing stability.

Income Source	East	West
Senior	5	6
ODSP	4	25
Ontario Works	3	5
Low Income	9	10

Contact/Referrals

	East	West	YTD
Homeless	2	1	67
At Risk	4	5	109

Short Term Housing Allowance

Month	Active	YTD
December	11	30

Household Income Sources and Issuance from CHPI

Income Source	Total	CHPI
ODSP	21	\$18,720.69
Ontario Works	9	\$9,830.53
Low Income	6	\$6,247.13

Reason for Issue	Total
Utilities/Firewood	\$1,205.20
Transportation	\$97.64
Food/Household/Misc.	\$5,793.17
Emergency Housing	\$27,702.34

Integrated Services – Assessment Case Workers

Parry Sound - 2019					
	Walk In	Phone	OW Appt	Emerg	Grants
December	27	126	11	9	9
South River - 2019					
December	13	108	8	0	12

HOUSING OPERATIONS - Sharon Davis, Manager

Esprit Place Family Resource Centre

In the month of December, Esprit team was very busy accepting many donations every day from generous community members and agencies and companies wanting to support women in need over the holidays!

Parry Sound EMS again delivered a mountain of toys, clothes, sports equipment, baby items, and gift cards collected over the few weeks prior, we are so very lucky and thankful for their ongoing support.

As a result, the women supported by the shelter both in-house and through outreach received packages for themselves and their children to enjoy over the holidays.

For Dec. 6, National Day of Remembrance and Action on Violence Against Women, Esprit once again partnered with the Violence Against Women Coordinating Committee and the Mary Street Centre in order to host a candle ceremony with drumming from the Friendship Centre, some words about the femicide list provided by OAITH, and a prayer by Reverend Monica Moore of the St. James United Church. It was well attended, with approximately 25 guests who participated in reading lament cards and acknowledging the 30th anniversary of the Montreal Massacre. This year the Violence Against Women Coordinating Committee made a request in writing to each Municipal Council in the District in hopes that they would consider lowering their flags at Municipal Offices to half-mast for the day. Out of the 22 Municipalities 4 agreed to do this, and another one agreed to post information about the day and the 16 days of activism as laid out on the Government website. This was a very positive experience for the committee.

In the month of December Esprit Place provided 187 warm safe night's sleep to women, and for the year, 1,645 to women and 944 to children.

In December 115 direct hours of service were provided to women through front line and outreach, and 1,849 hours for the year.

In the year 106 women stayed at the shelter, for an average stay of 17 days.

Transitional Support		
	December	Year-to-Date 2019
Number of Women Served this Month	8	103
Number of Women Registered in Program	17	22
Number of Public Ed/Groups Offered	0	Will begin Jan. 2020

Outreach Services		
	December	Year-to-Date 2019
Number of Women Served this Month	12	Will begin Jan. 2020
Number of Women Registered in the Program	42	72
Number of Public Ed/Groups Offered	1	Will begin Jan. 2020

Emergency Shelter Services		
	December	Year-to-Date 2019
Number of Women Active in program this month	17	186
Number of New Women Admitted (unduplicated)	5	80
Number of Children Active in program this month	0	24
Number of New Children Admitted (unduplicated)	0	30
Number of Hours of Direct Service to Women	93	1,592
Resident Bed Nights (women & children)	187	2,589
Occupancy Rate	41%	75%
Days at Capacity	0	94
Days Over-Capacity	0	42
Phone Interactions (Crisis/Support)	26	385

Child Witness Program		
	December	Year-to-Date 2019
Number of Children Served this Month	3	40
Number of Children Registered in Program	17	22
Number of Public Ed Groups Offered	2	Will begin Jan. 2020

Parry Sound Housing Corporation

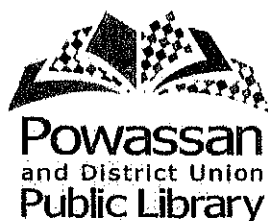
Parry Sound Housing Corporation Activity			
			Year-to-Date 2019
Move Outs	December 31st	0	17
Move Ins	December 1st	2	22
L/I Forms	Issued in December	1	10
N4 - Notice for eviction for non-payment of rent	Issued in December	3	33
N5 - Notice of eviction for disturbing the quiet enjoyment of the other occupants	December	0	2
Re-payment agreements	Tracked in December	8	97
N7 - Notice of eviction for wilful damage to unit	December	0	1
Tenant Education	December	4 buildings - Paramedicine 7 buildings - Holiday Social/ Meet & Greet Tenant Services	

Tenant Services, December 2019

A newsletter went out to all tenants which contained tips on safety. The newsletter also contained information regarding the staff and their roles and extension. A Christmas recipe was included which was affordable and easy to make.

Each tenant received an invitation to attend a *Holiday Meet and Greet* throughout the month of December. The tenants were given a date and time for each building and invited to attend the common room to have a visit with Tenant Services staff. At that time there were trays of Christmas cookies and wheels of assorted chocolates for the tenants to enjoy.

All the children in the family units were given colouring pictures and crayons and asked to colour the picture and put it in their window by December 13, 2019. On that date bags of Christmas treats were distributed to each home with a coloured picture displayed in the window. It was very well received and many goody bags were distributed.



February 25, 2020

Mayor Peter McIsaac
Municipality of Powassan
PO Box 250
Powassan, ON P0H 1Z0

RECEIVED
FEB 27 2020
The Municipality of Powassan

Re: Library Budget 2020

Dear Mayor McIsaac and Council Members:

Here is the Library 2020 Budget Package for your information and approval. You will find the Powassan & District Union Public Library (PDUPL) proposed budget for 2020 included with this letter. An increase of 2.74% was applied to last year's library fees in order to cover the increasing costs of the library's expenses. Additionally, we have kept the regular 20-20-60 split of Library Fees for this year and will adjust the last payment if required. It is our sincere hope that the fee situation be resolved in a satisfactory manner for all concerned, thus allowing the library to continue serving all members of our community as it has done for the past 40 years.

Also included in this package is

1. a list of all donations and funds raised in 2019 (see Appendix A),
2. a complete list of services and programs provided to the community in 2019, with a note identifying those continuing in 2020 (see Appendix B),
3. and a list of all grants received in 2019 (Appendix C).

In 2019, we successfully fundraised \$16,444.50 through several activities. Additionally, we received a large number of book donations, many of which we added to our permanent collection, for a total retail value of \$11,450. The others were sent to our used bookstore where we sold them for a profits of \$3,217. This was then used to purchase new books for our collection (Appendix A).

Furthermore, we took a closer look at our selection of events and decided to concentrate on recurring popular events, those that are self-supporting and have higher attendance. This helped us to focus on programming for youth, those requested by the community, and those having to do with literacy, without having to add any staffing. (Appendix B).

We continue to apply for as many grants as possible as part of our Library management strategy. In 2019, we received over \$39,800 in grant money from sources other than our regular source of revenues (Appendix C). This allowed us to continue providing higher quality services to our patrons.

DATE OF COUNCIL MTG.	March 3/20
AGENDA ITEM #	8-2

So far this year we have applied for three student grants: two through the 2020 Canada Summer Jobs program, and the third through the Young Canada Works Program. Additionally, we plan to apply for the provincial 2020 Summer Experience Program as it becomes available. We are hoping to secure at least three student employment grants, with two of the students working on our regular TD Summer program, and the third on incorporating Indigenous initiative within the library programming as suggested in the Truth and Reconciliation Call to Action plan.

Your continued funding, support, and council representation on the Library Board are crucial for the Library to achieve its many goals for 2020. As always, it is important for us to continue providing access to information in all of its forms, a safe public space, and equal services for all.

Therefore, the 2020 proposed Library service fees for the Municipality of Powassan is \$97,110.00. The payments are requested in three equal installments of \$32,370.00 to be paid March 31, June 30, and September 30. The Library Board asks that you support the 2020 budget by funding the Library as requested. If you require more information concerning the budget request and supporting documents, or would prefer that the Library Board make a budget presentation, please contact Marie Rosset, the CEO, at your convenience by phone at (705) 724-3618 or by email -- mrosset@powassanlibrary.ca.

Yours truly,



Kristine Martin, Chair of the Board
Powassan & District Union Public Library

Attachments:

Budget (3 pages)
Appendix A – Funds Raised and Donations
Appendix B - A community Space for All
Appendix C – 2019 Grants
Proposed Installments for 2020
Invoice for March 31, 2020 Installment

**Powassan & District Union Public Library
Operating Budget 2020**

Revenue	Actual 2019 pre-audit	Budget 2019	Budget 2020
Municipal	\$157,545.00	\$157,545.00	\$161,850.00
Restoule	4,313.00	4,611.00	4,486.00
Provincial	14,500.00	14,500.00	14,500.00
Fines & Fees	2,730.40	2,500.00	2,900.00
Bank Interest	302.59	0.00	300.00
Copier Fees	3,356.10	2,800.00	3,500.00
LifeLabs Contribution	3,901.17		6,720.00
Pay Equity	7,601.00	7,601.00	7,601.00
Donations	16,445.00	5,800.00	10,109.00
Interloans	194.54	100.00	150.00
Total Revenue	<u>\$210,888.80</u>	<u>\$195,457.00</u>	<u>\$212,116.00</u>

Expenditures	Actual 2019 pre-audit	Budget 2019	Budget 2020
Payroll	\$133,166.98	\$134,761.00	\$134,025.00
Benefits	4,063.37	4,050.00	5,924.00
Pension	4,800.00	4,800.00	4,925.00
WSIB	445.09	600.00	500.00
E.H.T.	1,611.63	1,500.00	1,600.00
Training	992.88	1,000.00	1,200.00
Payroll Services	1,041.38	0.00	1,100.00
Circulation Materials	15,392.77	8,950.00	11,489.00
Interloans	218.78	200.00	225.00
Programming	7,076.70	500.00	5,950.00
Sewer & Water	747.80	600.00	800.00
Hydro & Heating	5,419.16	5,000.00	5,600.00
Security	813.43	625.00	1,050.00
Elevator	4,114.02	4,120.00	4,535.00
Insurance	5,023.10	5,200.00	5,350.00
Janitorial Services	5,420.27	5,500.00	5,800.00
Maintenance	6,208.02	6,488.00	3,260.00
Maintenance Reserve	0.00	0.00	1,200.00
Internet and Telephone	797.71	3,180.00	840.00
Computers	843.34	650.00	2,100.00
Contracted Computer Services	1,850.00	3,000.00	3,000.00
Associations	2,233.29	1,800.00	1,800.00
Off. Supplies & Postage	1,246.65	1,050.00	1,200.00
Copier	3,802.99	3,500.00	3,900.00
Audit	1,322.88	1,500.00	1,545.00
Advertising and Promotion	570.30	900.00	600.00
Bank Service Charges	72.75	350.00	100.00
Fundraising Expenses	2,071.55	0.00	0.00
Miscellaneous	127.82	50.00	0.00
Total Expenditures	<u>\$211,494.66</u>	<u>\$199,874.00</u>	<u>\$209,618.00</u>

**Powassan & District Union Public Library
Special Project Budget 2020**

Revenue	Actual 2019 pre-audit	Budget 2019	Budget 2020
Student Grants	\$7,790.00	\$7,517.00	\$7,790.00
Digital Skills for Youth (DS4Y)	6,409.00	0.00	4,700.00
NOHFC	13,387.50	14,458.00	0.00
YCW	7,845.60	0.00	0.00
Internet Connectivity Grant	2,040.00	2,076.00	2,160.00
Enabling Accessibility Grant	2,399.00	0.00	0.00
Total Revenue	\$39,871.10	\$24,051.00	\$14,650.00

Expenditures	Actual 2019 pre-audit	Budget 2019	Budget 2020
Students Grants (includes interns)	\$37,159.25	\$8,988.00	\$14,988.00
NOHFC	0.00	8,570.00	0.00
Internet Connectivity Grant	2,040.00	2,076.00	2,160.00
Enabling Accessibility Grant	2,399.00	0.00	0.00
Total Expenditure	\$41,598.25	\$19,634.00	\$17,148.00

**Powassan & District Union Public Library
Budget 2020**

Revenue	Actual 2019 pre-audit	Budget 2019	Budget 2020
Operating Budget	\$ 210,888.80	\$ 195,457.00	\$ 212,116.00
Special Projects	<u>\$ 39,871.10</u>	<u>\$ 24,051.00</u>	<u>\$ 14,650.00</u>
Total Revenue	<u><u>\$ 250,759.90</u></u>	<u><u>\$ 219,508.00</u></u>	<u><u>\$ 226,766.00</u></u>

Expenditures	Actual 2019 pre-audit	Budget 2019	Budget 2020
Operating Budget	\$ 211,494.66	\$ 199,874.00	\$ 209,618.00
Special Projects	<u>\$ 41,598.25</u>	<u>\$ 19,634.00</u>	<u>\$ 17,148.00</u>
Total Expenditures	<u><u>\$ 253,092.91</u></u>	<u><u>\$ 219,508.00</u></u>	<u><u>\$ 226,766.00</u></u>

Revenue	<u><u>-\$ 2,333.01</u></u>	<u><u>\$ -</u></u>	<u><u>\$ -</u></u>
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Appendix A
Powassan & District Union Public Library
Raised Funds and Donations
2019

	Actual
Events	
Maple Syrup Festival	\$ 977.00
Golf Tournament – July 25, 2019	3,007.00
Other Sources	
Used Bookstore Receipts	3,217.00
Ontario Electronics Stewardship (OES)	1,594.50
Donations	
Mary and Scott Houghton	1,100.00
OPPA	400.00
Others	<u>6,149.00</u>
Total Cash Donations	\$ 16,444.50
In-kind donations	
Retail Value of donated books added to collection	\$ 11,450.00
Total Donations	\$ 27,894.50

Appendix B
A Community Space for All
2019 PDUPL Regular Ongoing Programs

Weekly Events

- | | |
|---|--|
| 1. Purl Knitting Club* | 10. Kid's After-school Computer Hour (daily)* |
| 2. Chess Club* | 11. Tween Night (weekly)* |
| 3. Bid Euchre* | 12. Powassan Art Club* |
| 4. Scrabble Club* | 13. Rug Hooking Group* |
| 5. French Conversation Group* | 14. Saturday Series Kid's Activities Program* |
| 6. Raising Readers* | 15. Volunteer Program – volunteering of teens for service hours, and adult volunteers* |
| 7. Toddler Tales* | 16. Tech Help with Ben (daily)*** |
| 8. Yoga* | |
| 9. Sound Meditation with Karen Schiavone* | |

Monthly events

- | | |
|----------------------------|---|
| 1. Friends of the Library* | 4. Tech Help with Jeff – bi-monthly* |
| 2. 19+ Book Club* | 5. Featured Artist at the Downstairs Art Gallery* |
| 3. Genealogy Group* | |

Special Events**

- | | |
|---|-------------------------------|
| 1. March Break Activities for Children | 3. Christmas Mayor's Readings |
| 2. Summer Program for Children | 4. Christmas Open House |
| 5. Various Escape Room Events, Lunch & Learns, Celebration of Reading | |

Special Services

- | | |
|--|-----------------------------------|
| 1. Availability of Community Legal Education Ontario (CLEO) information* | |
| 2. Member of Our Digital World – Online Historical Website* | |
| 3. Participation in Welcome to Kindergarten Program* | |
| 4. Book Drop to Amish School* | 7. Tutoring* |
| 5. LifeLab Host (twice a week)* | 8. Exam Proctoring* |
| 6. Piano Lessons* | 9. Seniors Book Drop at Easthomes |

Addition of Spanish Conversational Group and Alzheimer Educational Sessions in 2020

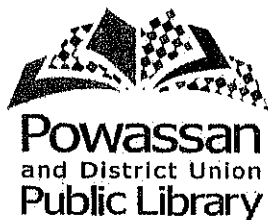
* event continued in 2020

** special events will continue in 2020, subject to public demand, popularity, and literacy

*** Ben's tech services are available until the end of the DS4Y grant – March 30, 2020

Appendix C
Powassan & District Union Public Library
2019 Grants

Canada Summer Jobs	\$7,790.00
Young Canada Works (YCW)	7,846.00
Enabbling Accessibility Grant	2,399.00
Internet Connectivity Grant	2,040.00
Digital Skills For Youth Program (DS4Y)	6,409.00
NOHFC Intern.	<u>13,388.00</u>
Total	\$39,872.00



2020 Proposed Installments for Library Services

Municipality of Powassan

March 31, 2020	\$ 32,370.00
June 30, 2020	32,370.00
September 30, 2020	<u>32,370.00</u>

Total Payment	\$ 97,110.00
---------------	--------------

Township of Chisholm

March 31, 2020	\$ 10,790.00
June 30, 2020	10,790.00
September 30, 2020	<u>10,790.00</u>

Total Payment	\$ 32,370.00
---------------	--------------

Township of Nipissing

March 31, 2020	\$ 10,790.00
June 30, 2020	10,790.00
September 30, 2020	<u>10,790.00</u>

Total Payment	\$ 32,370.00
---------------	--------------

Grand Total	\$ 161,850.00
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MEMORANDUM

TO: MAYOR / COUNCIL
FROM: K. BESTER, DEPUTY CLERK
DATE: FEB. 28, 2020
RE: FAIM INTERNATIONAL – UNOPEED ROAD ALLOWANCE- MCKENZIE ST.

On Feb. 4, 2020 Council passed resolution 2020-49 – “That Council agree to proceed with the closure and sale of the unopened road allowance extending off McKenzie Street, following the requirements set forth in bylaw 2017-05”. Please note that Faim International requires this road allowance so that they will have frontage on a municipally maintained roadway for the retained (larger) lot, and to satisfy the condition of their consent application.

At this time the following procedures from bylaw 2017-05 have been completed:

- Notice placed in the North Bay Nugget / on the municipal website and signage placed on the property.
- Letters sent to the two property owners on either side of the road allowance – advising them of Council’s decision to sell the road allowance and asking them if they were interested in purchasing. To date one landowner only has replied stating he is not interested in purchasing. I have not heard from the second land owner, but due diligence has been done by sending him a letter.
- A survey of the road allowance was completed by Miller Urso, at Faim International’s request (attached)
- An appraisal of value was provided by Century 21 (Dustin Berg) (attached)
- A letter of intent has been provided by Faim International, along with their cheque in the amount of \$700.00 – confirming their desire to proceed. (attached)

At this time Council must provide direction as follows:

Sale price of the land – either based on the appraised value or any other value Council wishes to use.

Faim International will then be advised of this and if they are acceptable to the sale price, we will instruct our lawyer to prepare the Closing and Sale of Municipal Road Allowance bylaw and initiate the transfer of land.

DATE OF COUNCIL MTG.	March 3/20
AGENDA ITEM #	9-1

[illegible]



BLUE SKY REGION REALTY INC.
Brokerage*

472 Main Street
Powassan, Ontario POH 1Z0

Business: (705) 724-1100
Fax: (705) 724-9964

RE: Opinion of Value: Unopened road allowance, McKenzie Street, Trout Creek, ON

In accordance with your request for an **"Opinion of Value"** of the above described property, I conducted a thorough personal inspection of the property. I also conducted a careful market comparison of similar properties in the area that have sold recently. Due consideration was given to all forces and factors that influence property values in the subject area.

The purpose of this inspection was to estimate the **"market value"** of the subject property as of this date, February 19, 2020. **"Market value"** is defined as the highest price, in terms of money, which the property will bring to a willing seller if exposed for sale in the open market, allowing reasonable time to find a willing purchaser, buying with the knowledge of all the uses to which it is adapted and for which it is legally capable of being used and with **"neither party acting under necessity, compulsion or peculiar and special circumstances"**.

Based on all the research that I have conducted in this matter and my own day to day knowledge of the local market, I estimate the market value of the subject property to be between \$7000 and \$9000

Yours truly,
CENTURY 21 BLUE SKY REGION REALTY INC. BROKERAGE

A handwritten signature in dark ink, appearing to read "DR Berg".

Dustin Berg,
Sales Representative.

LETTER OF INTENT TO PURCHASE

Between:

FAIM INTERNATIONAL INC.

(Hereinafter referred to as the "PURCHASER")

and

THE MUNICIPALITY OF POWASSAN

(Hereinafter referred to as the "VENDOR")

Property: Unopened Road Allowance-McKenzie Street (Consent File B9/Powassan/2019)

PIN/LEGAL DESCRIPTION : (To be provided by "Vendor")

This letter confirms and sets forth our desire for the Purchase and Transfer of the captioned *Road Allowance* from the Vendor under the following terms:

PURCHASE PRICE: Seven Thousand (\$ 7,000.00) Dollars. *(to be confirmed)*

DEPOSIT: Purchaser has provided Vendor with a deposit in the amount of Two Thousand (\$ 2,000.00) Dollars; receipt acknowledged herein by the Vendor. ✓

Purchaser has provided Vendor with an additional Non-Refundable Fee in the amount of Three Hundred (\$ 300.00) Dollars; receipt acknowledged herein by the Vendor. ✓

A further deposit in the amount of Seven Hundred (\$ 700.00) to be provided to the Vendor upon receipt of an appraisal of the Property. ✓

BALANCE OF PURCHASE PRICE: To be paid in Cash/Certified Bank Draft/Wire Transfer to Vendor upon Closing.

ADDITIONAL CONDITIONS: Purchase shall provide Vendor with a Survey of the Property, at Purchaser's expense, on or before March 3, 2020. Vendor shall provide an appraisal of the Property and seek formal approval of the sale of the Property by Council.

CLOSING: The closing date shall occur within 120 days following the date of approval by Council.

Signed in duplicate, in *Powassan* Ontario, this *24* day of *February*, 2020:



Mike Anobile, President
FAIM INTERNATIONAL INC.

Acknowledged and Signed in duplicate, in *Powassan* Ontario, this *26* day of *February*, 2020:

Per *Maureen Lang*

On behalf of the Vendor, The Municipality of Powassan

MEMORANDUM

TO: MAYOR, COUNCIL
FROM: K. BESTER, DEPUTY CLERK
DATE: FEBRUARY 27, 2020
RE: BYERS-TETREAULT LETTER – TOWER LINE

Further to receipt of a letter dated Jan. 13, 2020 from Mr. Byers and Ms. Tetreault re: their lot on Tower Line (attached), I have had discussions with both our planning consultant and legal counsel. Following are options which they have provided which Council can consider:

Tower Line Background and Options:

The Municipality has been contacted by the owner of lands located in Lot 23, Concession 9 who is seeking a building permit to construct a dwelling. The subject lands are currently vacant and have a lot area of 40.26 ha (99.5 acres) and a frontage along Tower Line of approximately 183 metres.

Approximately 1.6 kilometres of Tower Line is not a maintained public road, from the approximate mid-point of Lot 22 to Lot 26, Concession 9. The portion of Tower Line that is not maintained is a municipal road, however it has never been brought up to a municipal standard and has never been maintained for year-round use.

There are currently 9 parcels of land which abut this portion of Tower Line. One of the parcels is owned by Hydro One and is used as a transformer site and one lot has been occupied by a dwelling for almost 30 years. It is understood the residential landowner has been undertaking his own winter maintenance on the road.

In consulting with the Municipality's solicitor and planning consultant on how to address the current request, as well as a request from any of the other landowners (which could potentially come forward in the future) on the non-maintained portion of Tower Line, the following options are available to the Municipality:

1. Do nothing (this would mean that a building permit could not be issued)
2. Improve the road and assume it for year-round maintenance;
3. Enter into a license or encroachment agreement to permit legal access;
4. Close the road and convey ownership to the abutting landowners; or,
5. Close the road and convey easements to the abutting landowners.

Attached is a memo from the Municipal Solicitor reviewing the above-mentioned options, with the exception of the "do nothing" option, which remains an option but clearly would not remedy situations of existing usage or establish a plan to accommodate future use by other landowners.

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In considering all of the options available to the Municipality, if Council is of the view that upgrading Tower Line to accommodate year-round use is not feasible, Option 5 appears to be the most practical option that would provide legal access to all landowners. This option would still entail legal fees and potentially survey costs, however these costs are recommended to be borne by the benefitting landowners.

Option 5 would also allow the Municipality to retain ownership of the road as public land rather than as a public highway as defined by the Municipal Act.

Jan 13, 2020

To the Attention of the Municipality of Powassan,

We, Brian Byers and Kathy Tetreault, purchased property on Tower Line, being Part Lot 23 Concession 9 South Himsworth Parcel 1656 in the Municipality of Powassan on October 31, 2019 with the plan to build a full time residential home.

We were not aware of any restrictions in regard to building on the property until Brian spoke to Municipal employees who advised us that because we do not have 200' frontage on a Municipally maintained road that we would be unable to obtain a residential building permit.

Our understanding is that there are several full time residential homes on the unmaintained portion of Tower Line that currently have 911 numbers at their driveway, and that these homeowners maintain the roadway at their own expense.

We feel this is a clear and arguable precedent and are writing this letter to ask the Municipality to make an exception and issue us a building permit on the basis that we will maintain the roadway up to our driveway eliminating any responsibility on the part of the Municipality.

Respectfully



Brian Byers



Kathy Tetreault

PRINTED ON 11 FEB, 2020 AT 09:25:48
FOR LOUISE01



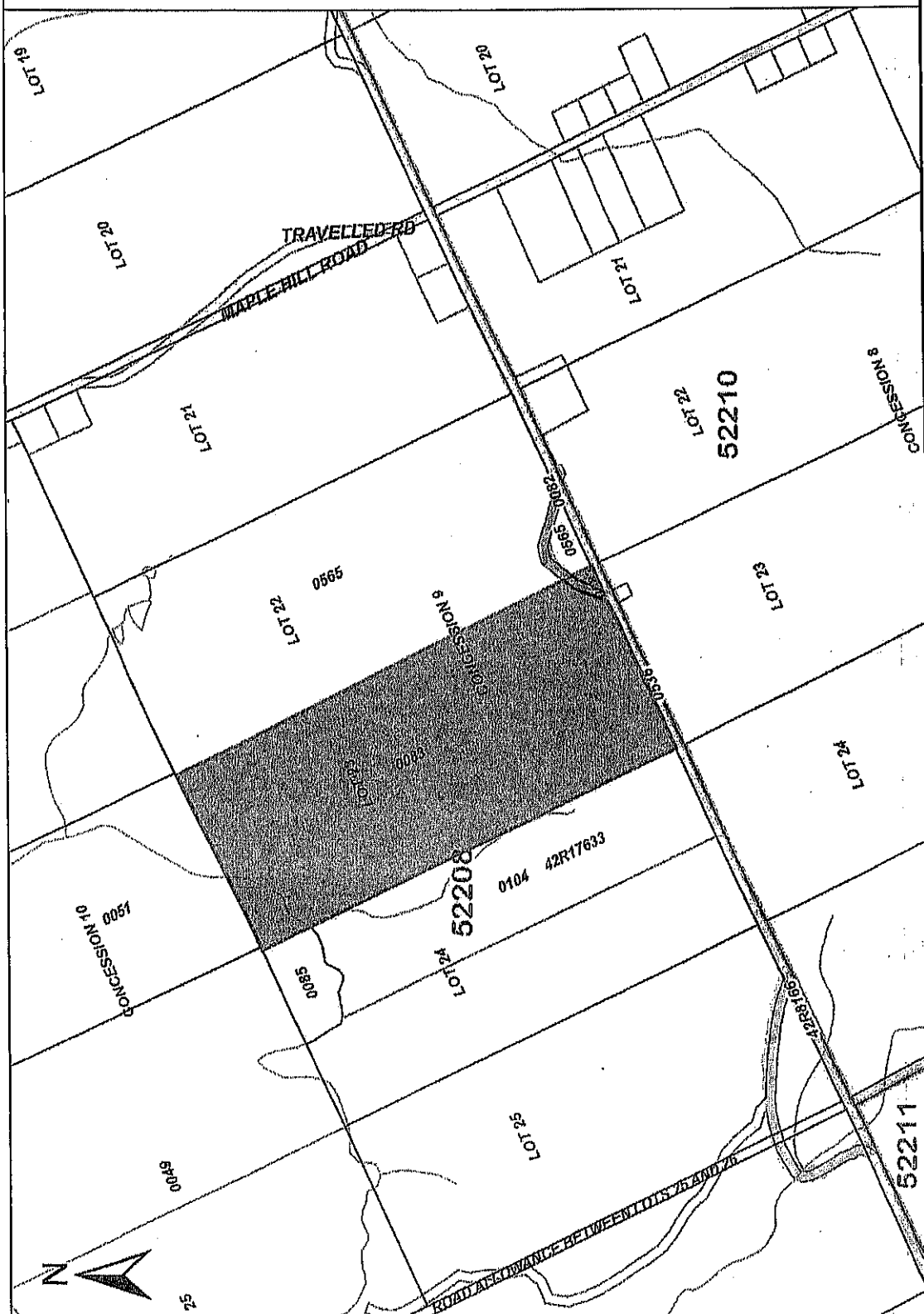
PROPERTY INDEX MAP
PARRY SOUND (No. 42)

FREEHOLD PROPERTY
LEASEHOLD PROPERTY
LIMITED INTEREST PROPERTY
CONDOMINIUM PROPERTY
RETIRED PIN (MAP UPDATE PENDING)
PROPERTY NUMBER
BLOCK NUMBER
GEOGRAPHIC FABRIC
EASEMENT

THIS IS NOT A PLAN OF SURVEY

NOTES

THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED AND INDEXED FOR PROPERTY RECORDING PURPOSES ONLY. NOT REFLECT RECENT REGISTRATIONS. REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS. ONLY MAJOR EASEMENTS ARE SHOWN. REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED.



Memorandum

To: Kim Bester, Municipality of Powassan
From: Ed Veldboom
Date: 2.13.20
Re: Tower Line Road Ownership and Status

Brian Byers and Kathy Tetrault (hereinafter identifies the "Applicants") have been advised that their property does not front on a maintained public road and as such they are not eligible to receive a building permit.

The Applicants have requested an exception to allow a building permit to be issued and have indicated that they would maintain the road.

The zoning by-law, section 3.8(a) requires a property to front on "improved public road" (which means it must be maintained year round) in order to construct a building or structure. However, subsection 3.8(b) would allow the construction of buildings or structures on lots that have frontage on a private road (right of way) or a seasonally maintained road. In the case of the latter, it is a condition precedent that the property owner must enter into an agreement with the Municipality, however the by-law provides no guidance as to what type of agreement is required or what matters or issues should be addressed in such agreement.

I have attached parcel maps (at two different scales) showing the parcel fabric in the subject area. The Applicants own PIN 52208-0083 (Part of Lot 23, Con 9) which is shaded grey. They recently purchased that property from Adam James Clayson, who is the co-owner with Tracy Ann Clayson of the neighbouring Lot 22, Con 9., which is PIN 52208-0565 (herein after the Clayson property).

As we understand the Municipality maintains Tower Line to a "turnaround" that is approximately "halfway across" the frontage of the Clayson Property. In that regard we have been informed that the Clayson's undertook improvements to the Tower Hill Road allowance and conveyed lands for the turnaround to the Municipality; the purpose of that work and conveyance was to facilitate year round maintenance by the Municipality. The end result was that the Clayson property would qualify for a building permit under subsection 3.8(a).

We have reviewed the title for both the Applicant's property and the Clayson property. It appears that when Lots 22 and 23 were originally patented by the Crown, a deviation road was in existence. The former Township of South Himsworth obtained a Crown Patent for the portion in Lot 22. It appears that the Crown Patent for the neighbouring Lot 23 had not excepted the deviation road, however, shortly thereafter the first patentee (Armstrong) deeded the location of the deviation road to the Township of South Himsworth.

Based upon the foregoing (paper title to the land and the existence of a traveled road), the deviation road through Lots 22 and 23 (described in PIN 52208-0082 which is shaded green) would be considered an "assumed road". This is of significance because, unlike unopened (i.e. unassumed) road allowances, the deviation road is subject to section 44 of the *Municipal Act, 2001* and the liability flowing therefrom. It also stands to reason that if there was diversion in this location, the "assumed road" also likely continued westward from the deviation.

Considering the existence of other dwellings on properties to the west (Lavalee in Lots 23/24 Concession 8) as well as the deviation approaching Hemlock Road (shaded purple) it would be reasonable to suggest that the entire length of Tower Line between Maple Hill Road and Hemlock Road was probably assumed in the very distant past. Thus, notwithstanding any seasonal designation that currently applies, the road is subject to section 44 of the *Municipal Act, 2001* and the Minimum Maintenance Standards.

* In our opinion it is not advisable for municipalities to allow private property owners to undertake maintenance activities on any assumed roads because they are subject to section 44 of the *Municipal Act, 2001*. Quite frankly unless the Municipality's "seasonal road" designation was actually intended to apply to unopened (unassumed) road allowances, we would suggest that section 3.8(b) of the zoning by-law should be modified to eliminate reference to "seasonal roads".

In the context of the request made by Byers/Tetrault we would suggest that the exemption that is requested would have to take the form of a zoning by-law amendment, the effect of which is to exempt their lands from section 3.8. To do so may set a precedent for other similar situations. We would not recommend this approach.

Another option would be to require Byers/Tetrault to upgrade the road from the existing turnaround through the deviation and to a point where they propose to construct a driveway entrance. A new turnaround would be required for municipal maintenance operations.

Neither of the foregoing options addresses the larger issue which is the fact that it is quite likely that all of Tower Line is an assumed road which is subject to the maintenance obligations of section 44 of the *Municipal Act, 2001*. To address that situation the Municipality could choose to make such upgrades to the road to facilitate year round maintenance. This would likely be a costly endeavour. The municipality could consider charging the costs back to abutting/benefitting landowners but again, due to the costs, this may not be a viable approach.

As an alternative to the upgrades, the municipality could consider passing a road closing by-law. Once closed the municipality could consider selling (perhaps at no charge other than the costs of the process) the closed road allowance to abutting land owners. In order to facilitate continued access to the properties in the area a series of right of ways could be granted. Alternatively, the Municipality could retain ownership of the land and simply grant right of ways to the various property owners. In either case, the obligation to maintain the land (for driveways) and the liability for such maintenance would be shifted to those owners. Furthermore section 44 of the *Municipal Act, 2001* (and the Minimum Maintenance Standards) would not apply.

THE CORPORATION OF THE MUNICIPALITY OF POWASSAN

BY-LAW NO. 2020-07

Being a By-law to provide for an interim Tax Levy for 2020

WHEREAS a local municipality, before the adoption of the estimated for the year under section 317 of the Municipal Act, 2001, S.O. 2001, c.25, may pass a by-law levying amounts on the assessment of property in the local municipality ratable for local municipal purposes; and

WHEREAS the amount levied on the property shall not exceed 50 percent of the total amount of taxes for municipal and school purposes levied on the property for the previous year;

NOW THEREFORE the Council of the Corporation of the Municipality of Powassan enacts as follows:

1. That an interim tax rate be imposed and levied on the whole of the assessment for real property in the following classes according to the last revised assessment roll:

CLASS	RATE
Residential/Farm	0.00567278
Multi-residential	0.01035596
Commercial Occupied	0.01189255
Commercial Vacant Units	0.00904984
Commercial Vacant Land	0.00904984
Commercial New Construction	0.01189255
Industrial Occupied	0.01376706
Industrial Vacant Units	0.00984984
Large Industrial	0.01613220
Large Industrial Excess Land	0.01138718
Pipelines	0.00898450
Farmlands	0.00141819
Managed Forests	0.00141819
Landfills	0.01540475

2. That the said interim levy shall become due and payable on the 30th day of April, 2020.
3. That a charge of one and one-quarter percent (1 ¼%) shall be imposed as a penalty for non-payment of taxes in accordance with section 345 (2) the Municipal Act, 2001, S.O. 2001, c.25, and shall be added to the amount of taxes due and unpaid, on the first day of default. Therefore after, in accordance with section 345(3) of the Municipal

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Act, 2001, S.O. 2001, c. 25, interest charges of one and one-quarter percent (1 ¼%) each month of the amount of taxes due and unpaid, shall be imposed for non-payment of taxes not accruing before the first day of default.

4. That the Treasurer may mail or cause the same to be mailed to the resident or place of business of such person indicated on the last revised assessment roll, a written or printed notice specifying the amount of taxes payable.
5. That the taxes be payable at the Municipality of Powassan, PO Box 250, 250 Clark Street, Powassan, Ontario, P0H 1Z0.
6. That this By-Law shall take effect upon its adoption.

READ a FIRST and SECOND time on February 18, 2020

READ a THIRD and FINAL time and considered passed as such in open Council on this, the 3rd day of March, 2020.

Mayor

CAO/Clerk-Treasurer

THE CORPORATION OF THE MUNICIPALITY OF POWASSAN

BY-LAW NO. 2020-08

Being a By-law to Designate Areas of the Municipality as Site Plan Control Areas

WHEREAS Section 10.2 of the Official Plan of the Corporation of the Municipality of Powassan designates the entire municipality as a site plan control area;

AND WHEREAS Section 41(2) and 41(3) of The Planning Act, R.S.O 1990 c. P. 13, as amended provides that where in an Official Plan an area is shown or described as a proposed Site Plan Control area, the Council of the local Municipality may designate the whole or any part of such area as a Site Plan Control area and further that Site Plan Control areas may be designated on the basis of their zone category and/or use as defined in the Municipality's Comprehensive Zoning By-law;

AND WHEREAS Council deems it advisable to update its site plan control by-law to provide for the orderly development of certain uses within the Municipality;

NOW THEREFORE the Council for the Corporation of the Municipality of Powassan hereby enacts as follows:

1. Repeal of By-law 2002-31

1.1 By-law 2002-31 is hereby repealed.

2. Definitions

2.1 "Council" means the Council for the Corporation of the Municipality of Powassan.

2.2 "Development" means the construction, erection, or placing of one or more buildings or structures on land or the making of an addition or alteration to a building or structure that has the effect of substantially increasing the size or usability thereof, or the laying out of sites for the location of three or more mobile homes as defined in subsection 46 (1) of the Planning Act, R.S.O 1990 c. P. 13 or of the laying out of sites for the construction, erection or location of three or more land lease community homes as defined in subsection 46 (1) of the Planning Act, R.S.O 1990 c. P. 13, s. 41 (1) 1994, c.4, s. 14.

2.3 "Person" means an individual, association, firm, partnership, corporation, trust, incorporated company, or other legal representatives of a person to whom the same can apply according to law.

2.4 "Municipality" means the Corporation of the Municipality of Powassan.

2.5 "Zoning By-law" means the comprehensive Zoning By-law 2003-38 as amended.

2.6 "Planning Act Approval" means an approval on a planning or land use matter made under the authority of the Planning Act, R.S.O 1990 c. P. 13.

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3. Lands Subject to Site Plan Control

3.1 All lands located in and zoned according to Schedule B (Powassan) and C (Trout Creek) to Zoning By-law 2003-38 shall be subject to site plan control.

3.2 The following Zones are exempt from Site Plan Control:

- (a) Village Residential One (RV1) Zone;
- (b) Village Residential Two (RV2) Zone;
- (c) Open Space (OS) Zone; and,
- (d) Environmental Protection (EP) Zone.

3.3 Notwithstanding, Sections 3.1 and 3.2, where lands in the Municipality are the subject of a Planning Act approval the approval authority may require lands subject to the Planning Act approval to be the subject of a site plan agreement.

- 4. No person shall undertake any development or change the use of land in an area designated under Section 3 of this by-law unless Council has approved its Site Plan and authorized the execution of a Site Plan Control agreement.
- 5. Council may waive the requirement for a Site Plan Control Agreement, when, in Council's opinion, the extent and/or nature of the development does not warrant a site plan agreement.
- 6. Every person who is required to enter into a Site Plan Control Agreement under this by-law shall pay requisite fees and provide information on the development as authorized by Section 41 of The Planning Act and contained on a "Site Plan Control Application" form as may be approved by Council from time to time.
- 7. No building permit shall be issued for any development in the area designated under Section 3 of this by-law until such time as an agreement has been approved or Council has waived the requirement for a Site Plan pursuant to Section 5 of this bylaw.
- 8. Any agreement executed in accordance with this By-law shall be registered on title at the expense of the landowner or proponent pursuant to Section 41 (10) of the Planning Act.
- 9. Every person who contravenes this By-law is guilty of an offence and on conviction is liable to a fine in accordance with the provisions of the Planning Act.

BY-LAW READ A FIRST AND SECOND TIME, AND CONSIDERED READ A THIRD AND FINAL TIME, PASSED THIS 3rd DAY OF MARCH, 2020.

THE CORPORATION OF THE
MUNICIPALITY OF POWASSAN

Mayor

CAO/Clerk

Ministry of the Environment, Conservation and Parks	Ministère de l'Environnement, de la Protection de la nature et des Parcs
Timmins District	District de Timmins
North Bay Area Office	Bureau du Secteur de North Bay
191 Booth Road	191, rue Booth
Unit 16 & 17	Unité 16 et 17
North Bay ON P1A 4K3	North Bay (Ontario) P1A 4K3
Phone: 705 497-6865	Tél: 705 497-6865
Fax: 705 497-6866	Télé: 705 497-6866

February 21, 2020

Maureen Lang	Clerk/Treasurer	The Corporation of Municipality of Powassan	mlang@powassan.net
Paul Dyrda	Sr. Operations Manager	Near North Cluster, Ontario Clean Water Agency (OCWA)	pdyrda@ocwa.com
Yvan Rondeau	Safety, Process and Compliance Manager	North Eastern Ontario Hub, OCWA	yrondeau@ocwa.com
Joshua Gravelle	Process and Compliance Technician	North Eastern Ontario Hub, OCWA	jgravelle@ocwa.com
John Hemingway	Operator for DWS	North Eastern Ontario Hub, OCWA	jhemingway@ocwa.com

**RE: Powassan Drinking Water System No. 220000576
2019-20 Annual Drinking Water System Inspection
Inspection Report No. 1-L0AI8**

On December 17, 2019 I conducted the annual inspection of the Powassan Drinking Water System. The inspection included a site visit to the water treatment plant as well as a document review for the period from June 8, 2018 to December 16, 2019.

Two sections of the report, namely "Actions Required" and "Recommended Actions" identify aspects of the drinking water system's operation with the potential for improvement.

Please note that "Actions Required" are linked to incidents of non-compliance with regulatory requirements contained within an Act, a Regulation or site-specific approvals, licenses, permits, orders, or instructions. Such violations could result in the issuance of mandatory abatement instruments including Orders, tickets, penalties, or referrals to the Ministry's Investigations and Enforcement Branch.

Please note that the section "Recommended Actions" suggests the actions the owner and the operating authority should consider implementing in order to advance efforts already in place to address issues of source protection and emergency preparedness. Items which appear as "recommended actions" do not, in themselves, constitute violations.

Section 19 of the Safe Drinking Water Act, 2002 (Standard of Care) creates a number of obligations for individuals who exercise decision-making authority over municipal drinking water systems. Please be aware that the Ministry has encouraged such individuals, particularly municipal councilors, to take steps to be better informed about the drinking water systems over which they have decision making authority. These steps could include asking for a copy of this

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inspection report and review of its findings. Further information about Section 19 can be found in "Taking Care of Your Drinking Water: A Guide for Members of Municipal Councils" found at <https://www.ontario.ca/page/drinking-water>.

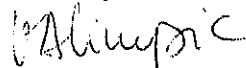
To measure the individual inspection results, the Ministry has established an inspection compliance risk framework based on the principles of the Inspection, Investigation and Enforcement Secretariat and the advice of internal and external risk experts. The Inspection Summary Rating Record (IRR), included as Appendix A of the inspection report, provides a summarized quantitative measurement of the drinking water system's annual inspection and regulated water quality testing performance. Please review the attached IRR methodology memo describing how the risk rating model has improved to better reflect the health related and administrative non-compliance found in the inspection report.

IRR ratings are published (for the previous inspection year) in the Ministry's Chief Drinking Water Inspector's Annual Report. If you have any questions or concerns regarding the rating, please contact Janet Recoskie, A/Water Compliance Supervisor – Timmins/North Bay at (705) 262-0534.

Electronic copies of this inspection report have been sent to the North Bay Parry Sound Health Unit and North Bay-Mattawa Conservation Authority in accordance with the Ministry's Municipal Drinking Water Inspection Protocol.

Thank you for your co-operation. If you have any questions about this inspection report, please contact me at (705) 491-2781 or by email at vesna.alimpic@ontario.ca.

Sincerely,



Vesna Alimpic

Water Inspector/Provincial Officer

Drinking, Water and Environmental Compliance Division

Ministry of the Environment, Conservation and Parks

North Bay Office

- c: Robert A-Muhong, Manager, Environmental Health Programs, North Bay Parry Sound District Health Unit
David Ellingwood, Supervisor Source Water Protection, North Bay-Mattawa Conservation Authority
Janet Recoskie, Ministry of the Environment, Conservation and Parks, A/Water Compliance Supervisor, Drinking, Water and Environmental Compliance Division, Northern Region, Timmins/North Bay



Ministry of the Environment, Conservation and Parks

POWASSAN DRINKING WATER SYSTEM

Inspection Report

Site Number:	220000576
Inspection Number:	1-L0A18
Date of Inspection:	Dec 17, 2019
Inspected By:	Vesna Alimpic

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OWNER INFORMATION:

Company Name:	POWASSAN, THE CORPORATION OF THE MUNICIPALITY OF	Unit Identifier:	
Street Number:	466		
Street Name:	MAIN St		
City:	POWASSAN		
Province:	ON	Postal Code:	P0H 1Z0

CONTACT INFORMATION

Type:	Owner	Name:	Maureen Lang
Phone:	(705) 724-2813	Fax:	(705) 724-5533
Email:	mlang@powassan.net		
Title:	Clerk-Treasurer, The Corporation of the Municipality of Powassan		

Type:	Owner	Name:	Scott Toebe
Phone:	(705) 724-2813	Fax:	(705) 724-5533
Email:	publicworks@powassan.net		
Title:	Public Works Assistant, The Corporation of the Municipality of Powassan		

Type:	Operating Authority	Name:	Paul Dyrda
Phone:	(705) 303-9767	Fax:	(705) 752-5965
Email:	pdyrda@ocwa.com		
Title:	Operations Manager, Ontario Clean Water Agency (OCWA), Near North Cluster		

Type:	Operating Authority	Name:	Yvan Rondeau
Phone:	(705) 642-5619	Fax:	(705) 752-5965
Email:	yrondeau@ocwa.com		
Title:	Safety, Process and Compliance Manager, OCWA, Near North Cluster		

Type:	Operating Authority	Name:	Joshua Gravelle
Phone:	(705) 568-7000	Fax:	(705) 567-7974
Email:	jgravelle@ocwa.com		
Title:	Process and Compliance Technician, OCWA, Near North Cluster		

Type:	Operating Authority	Name:	John Hemingway
Phone:	(705) 752-3433	Fax:	(705) 752-5965
Email:	jhemingway@ocwa.com		
Title:	Operator, OCWA, Near North Cluster		

Type:	Health Unit	Name:	Robert A-Muhong
Phone:	(705) 474-1400	Fax:	(705) 474-8252
Email:	robert.a-muhong@healthunit.ca		
Title:	Manager, Environmental Health, North Bay Perry Sound District Health Unit		

Type:	Conservation Authority	Name:	David Ellingwood
Phone:	(705) 474-5420	Fax:	(705) 474-9793
Email:	david.ellingwood@nbmca.ca		
Title:	Supervisor, Source Water Protection, North Bay-Mattawa Conservation Authority		

Type: MECP
Phone: (705) 262-0534
Email: janet.recoskie@ontario.ca
Title: A/Water Compliance Supervisor, Timmins/North Bay - Ministry of the Environment, Conservation and Parks (MECP)

Name: Janet Recoskie
Fax: (705) 235-1520

INSPECTION DETAILS:

Site Name: POWASSAN DRINKING WATER SYSTEM
Site Address: POWASSAN ON
County/District: POWASSAN
MECP District/Area Office: North Bay Area Office
Health Unit: NORTH BAY PARRY SOUND DISTRICT HEALTH UNIT
Conservation Authority: North Bay Mattawa Conservation Authority
MNR Office: North Bay Regional Office
Category: Large Municipal Residential
Site Number: 220000576
Inspection Type: Announced
Inspection Number: 1-LOA18
Date of Inspection: Dec 17, 2019
Date of Previous Inspection: Jun 08, 2018

COMPONENTS DESCRIPTION

Site (Name): MOE DWS Mapping
Type: DWS Mapping Point

Sub Type:

Site (Name): Well #1 (Raw Water)
Type: Source

Sub Type: Ground

Comments:

The Drinking Water Works Permit (DWWP) no. 266-201 issue No. 2 describes Well # 1 as follows:

- The well is located at Lot 17, Concession 13 in the Municipality of Powassan, Ontario
- 150 mm diameter x 23.2 m deep drilled overburden production well including 3.8 m of screen, discharging into the distribution system through the pumphouse process piping.
- The well is equipped with a submersible pump with a rated capacity of 15.2 L/second at a total dynamic head of 92.2 m and one (1) 100 mm diameter flowmeter.

Note: There is a monitoring well located 5 m to the south of Well # 1 and protected by a 450 mm diameter, vertical corrugated steel pipe around the well casing and standing 1.2 m above ground level.

Site (Name): Well #2 (Raw Water)
Type: Source

Sub Type: Ground

Comments:

The Drinking Water Works Permit (DWWP) no. 266-201 issue No. 2 describes Well # 2 as follows:

- The well is located at Lot 17, Concession 13 in the Municipality of Powassan, Ontario.
- 300 mm diameter x 18.6 m deep drilled overburden production well including 7.6 m of screen.
- The well is equipped with a submersible pump with a rated capacity of 15.2 L/second at a total dynamic head of 92

m and one (1) 100 mm diameter flowmeter.

Note: The well is located within the Genesee Creek flood plain. There is a 150 mm diameter test well located approximately 3.0 m to the east of Well # 2.

Site (Name): Treated Water
Type: Treated Water POE
Sub Type: Pumphouse

Comments:

The treatment process at the Powassan Drinking Water System is comprised of primary and secondary disinfection using 12% sodium hypochlorite. The Drinking Water Works Permit (DWWP) no. 266-201 issue No. 2 describes the treatment facility as follows:

- The treatment facility is located at 76 Fairview Lane, Municipality of Powassan, Ontario.
- Pumphouse consisting of a 4.7 m x 6.9 m masonry building containing process piping, flowmeters, raw and treated water sample points, disinfection system, pump system controls, electrical systems, a drainage system with an external soak away pit sized for 1440 L/day and all associated appurtenances.
- Chlorination system consisting of two (2) sodium hypochlorite chemical feed pumps (1 duty and 1 standby), flow paced and equipped with auto switchover controls feeding at the discharge header. Chlorine is kept in two (2) sodium hypochlorite chemical solution tanks (duty, standby) and one spill containment basin.
- Chlorine contact pipe consisting of a 49 m length of 600 mm diameter serpentine pipeline installed below grade to provide adequate contact time at maximum flow and before the first consumer together with two (2) sample lines (duty, standby), each installed with a backflow preventer, feeding back to pump house for continuous water quality monitoring.
- Standby power consisting of one (1) 65 kW/81 kVA minimum rated standby diesel generator set, complete with a double walled fuel tank and automatic transfer switch, all installed in an external weatherproof and acoustic enclosure.
- Monitoring equipment consisting of two (2) magnetic flowmeters, one at each of the raw water feed pipes and online instrumentation that continuously monitors and records free chlorine residual at point of entry, and raw flows.

Site (Name): In-Ground Reservoir
Type: Other
Sub Type: Reservoir

Comments:

The Drinking Water Works Permit (DWWP) no. 266-201 issue No. 2 describes the off-site storage reservoir as follows:

- The reservoir is located at 34 McRae Drive, Municipality of Powassan, Ontario.
- The storage reservoir is in-ground with interconnected two cells. Each reservoir cell sized approximately 9.3 m x 13 m x 5.5 m water depth and complete with an inlet/outlet line, level sensor and a 300 mm diameter emergency overflow pipe.
- Total capacity of the reservoir is 1,278 m³.
- The equipment in the reservoir consists of a 250 mm diameter inlet line to reservoir cell no. 1 complete with two (2) control valves, a check valve and a 200 mm diameter bypass line with a control valve and a 250 mm diameter outlet line to reservoir cell no. 2 complete with two (2) control valves, a magnetic flowmeter, a check valve and a 200 mm diameter bypass line with a control valve.

The top operating water level (TWL) of the in-ground reservoir is at 310 m A.S.L.

The facility has a prefabricated re-chlorination building located on top of an in-ground valve chamber with the following equipment:

- Two (2) sodium hypochlorite chemical feed pumps (duty and standby), injecting sodium hypochlorite solution (on demand) into the reservoir outlet line.
- One (1) sodium hypochlorite chemical storage tank with low level switch and spill containment.

- One (1) chlorine residual analyzer sampling water from reservoir outlet line approximately 70 m of 250 mm diameter reservoir feeder main from reservoir site boundary to valve chamber
- All instrumentation and controls for operation and communication of status and fault conditions.
- One (1) eight kW natural gas generator

Site (Name): Distribution

Type: Other

Sub Type: Other

Comments:

The distribution system services an approximate population of 1071 connected residents. The First Engineer's Report estimated the distribution system at approximately 9.2 km. The system was comprised of asbestos concrete, polyvinyl chloride and cast iron piping in 100 mm, 150 mm and 200 mm diameters. In 2008, the municipality installed or replaced watermain on Clark St, Joseph St, Chisholm St, Edward St, South St, and a portion along Big Bend Ave. All replaced and new watermain are 250 mm polyvinyl chloride and have been brought into service.

INSPECTION SUMMARY:

Introduction

- The primary focus of this inspection is to confirm compliance with Ministry of the Environment, Conservation and Parks (MECP) legislation as well as evaluating conformance with ministry drinking water related policies and guidelines during the inspection period. The ministry utilizes a comprehensive, multi-barrier approach in the inspection of water systems that focuses on the source, treatment and distribution components as well as management practices.

This drinking water system is subject to the legislative requirements of the Safe Drinking Water Act, 2002 (SDWA) and regulations made therein, including Ontario Regulation 170/03, "Drinking Water Systems" (O.Reg. 170/03). This inspection has been conducted pursuant to Section 81 of the SDWA.

This report is based on a "focused" inspection of the system. Although the inspection involved fewer activities than those normally undertaken in a detailed inspection, it contained critical elements required to assess key compliance issues. This system was chosen for a focused inspection because the system's performance met the ministry's criteria, most importantly that there were no deficiencies as identified in O.Reg. 172/03 over the past 3 years. The undertaking of a focused inspection at this drinking water system does not ensure that a similar type of inspection will be conducted at any point in the future.

This inspection report does not suggest that all applicable legislation and regulations were evaluated. It remains the responsibility of the owner to ensure compliance with all applicable legislative and regulatory requirements.

On December 17, 2019 Ministry of the Environment, Conservation and Parks Water Inspector and Provincial Officer Vesna Alimovic conducted an inspection of Powassan Drinking Water System (DWS). The inspecting officer was accompanied with John Hemingway, Ontario Clean Water Agency (OCWA), Operator-in-charge for the DWS and Joshua Gravelle, OCWA, Process Compliance Technician.

The Corporation of the Municipality of Powassan is the owner of the system. The accredited operating authority for the Powassan DWS is OCWA.

The inspection included a tour and physical review of the components of the drinking water system and a review of the system documents for the period from the last inspection completed June 8, 2018 to the date of the current inspection. This period is referred to as the "inspection period" in this report. Specifically, this included a review and assessment of operating practices in relation to the following documents:

- Drinking Water Systems Regulation O. Reg. 170/03
- Certification of Drinking Water Systems Operators Regulation O. Reg. 128/04
- Permit to Take Water (PTTW) No. 7346-8VFJKR, issued June 21, 2012
- Municipal Drinking Water Licence (MDWL) No. 266-101, Issue No. 2 dated April 18, 2016
- Drinking Water Works Permit (DWWP) No. 266-201, Issue No. 2 dated April 18, 2016
- Previous Ministry inspection report dated June 8, 2018.

Source

- The owner was maintaining the production well(s) in a manner sufficient to prevent entry into the well of surface water and other foreign materials.

A visual inspection of the above ground section of the production wells showed no evidence of entry of surface water and other foreign materials into the wells.

Source

In August 2018, a gap on the side of the casing of well #1 was filled with a bentonite clay grout and a small mound around the well casing at the ground level was created by a licensed well technician.

- **Measures were in place to protect the groundwater and/or GUDI source in accordance with any the Municipal Drinking Water Licence and Drinking Water Works Permit issued under Part V of the SDWA.**

Condition 16.2.8 of Schedule B of MDWL requires there to be an inspection schedule for all wells associated with the drinking water system, including all protection wells, standby wells, test wells and monitoring wells. Condition 16.2.9 of the MDWL requires that there are well inspection and maintenance procedures for the entire well structure of each well including all above and below grade well components. Condition 16.2.10 requires that remedial action plans are developed for situations where an inspection indicates non-compliance with respect to regulatory requirements and/or risk to raw well water quality.

Visual inspections of the above ground sections of the production wells are done annually; during the inspection period the wells were inspected on July 18, 2018 and July 9, 2018.

Both wells were inspected including pump removal and below grade camera and casing and screen brushed in the presence of an enhanced disinfection solution to remove the buildup of tubercles and mineral precipitate: well # 2 on September 24, 2018 and well # 1 on November 15, 2018. Pump motor was replaced in well # 2 on May 16, 2019. After the maintenance activities were completed, the wells were disinfected before being put into service.

Capacity Assessment

- **There was sufficient monitoring of flow as required by the Municipal Drinking Water Licence or Drinking Water Works Permit issued under Part V of the SDWA.**

Schedule A of DWWP lists two magnetic flowmeters, one on each of the raw water feed pipes. During the inspection it was observed that the flowmeters are installed and in operation as required by the DWWP.

- **The owner was in compliance with the conditions associated with maximum flow rate or the rated capacity conditions in the Municipal Drinking Water Licence issued under Part V of the SDWA.**

Based on the review of the provided flow records, rated capacity of 1313 m³/day set by the MDWL was not exceeded in the inspection period. The maximum flow in the inspection period was reached during a watermain break on March 26, 2019 at 1187.07 m³/day or 90% of the rated capacity.

Treatment Processes

- **The owner had ensured that all equipment was installed in accordance with Schedule A and Schedule C of the Drinking Water Works Permit.**

A physical inspection of the water treatment process confirmed that the required equipment is installed and operational in accordance with the DWWP.

- **Records indicated that the treatment equipment was operated in a manner that achieved the design capabilities required under Ontario Regulation 170/03 or a Drinking Water Works Permit and/or Municipal Drinking Water Licence issued under Part V of the SDWA at all times that water was being supplied to consumers.**

Subsection 1-2(2) of Schedule 1 of Ontario Regulation 170/03 requires that the owner of a drinking water system and the operating authority for the system ensure the following:

1. The water treatment equipment is in operation whenever water is being supplied;
2. The water treatment equipment is operated in accordance with the Ministry's Procedure for Disinfection of Drinking Water in Ontario; and that
3. The water treatment equipment required by section 1-3 is operated in a manner that achieves the design capabilities it is required to have under that section.

Treatment Processes

Section 1-3 of Schedule 1 of O. Reg. 170/03 requires the owner of a ground water drinking water system must ensure provision of water treatment equipment that is designed to be capable of achieving, at all times, primary disinfection in accordance with the Ministry's Procedure for Disinfection of Drinking Water in Ontario, including at least 99 per cent removal or inactivation of viruses by the time water leaves the point of entry treatment units or water enters the distribution system.

The MDWL no. 266-101, Issue No. 2 requires at least 99 per cent (2-log) removal/inactivation of viruses at the Powassan Drinking Water System Pumphouse. The process of chlorination including the contact time at the chlorine contact pipe is assigned 2+ log removal of viruses based on each treatment process being fully operational and the applicable log removal/inactivation credit assignment criteria being met. MDWL specifies the following criteria for achievement of assigned log removal/inactivation credits for the process of chlorination at Powassan Drinking Water System:

1. Sampling and testing for free chlorine residual shall be carried out by continuous monitoring equipment in the treatment process at or near a location where the intended contact time has just been completed in accordance with the Ministry's Procedure for Disinfection of Drinking Water in Ontario.
2. At all times, CT provided shall be greater than or equal to the CT required to achieve the log removal credits assigned.

The following information is also relevant for the understanding of the system:

1. Contact time is achieved at the end of 49 metre, 600 mm diameter serpentine contact pipe. Sampling and testing for free chlorine residual is carried out by a continuous chlorine analyzer located at the point where treated water exits the chlorine contact pipe.
2. The required CT value of 4.0 mg/L.minute is based on the following conditions: free chlorine residual at 0.45 mg/L, treated flow rate at 15.2 L/s, treated water pH from 6.0 to 9.5, treated water temperature at 5°C and baffling factor of 0.7. Based on these conditions, a minimum of 0.45 mg/L of free chlorine residual at the monitoring point is required to achieve the primary disinfection log removal/inactivation credits.

There appears to be no events when free chlorine concentration at the monitoring location was measured to be lower than 0.45 mg/L during the inspection period.

A review of free chlorine monitoring trends, remote daily free chlorine residual summary sheets and the facility's log book during the inspection period has indicated that the water was not being supplied to users when free chlorine residual at the end of contact tank was measured at 0.45 mg/L during on October 21, 2018. The low free chlorine residual value was measured while the contact pipe was being backwashed after a low chlorine alarm that had resulted in shut down of the active low lift pump. A CT calculation was performed for the event: at water temperature of 6.9°C, pH value of 6.67 and treated flow rate of 14.0 L/s and free chlorine residual of 0.45, actual CT achieved was calculated to be 5.20 mg/L.min.

- **Records confirmed that the water treatment equipment which provides chlorination or chloramination for secondary disinfection purposes was operated so that at all times and all locations in the distribution system the chlorine residual was never less than 0.05 mg/l free or 0.25 mg/l combined.**

A review of distribution system free chlorine monitoring sheets has confirmed that there were no instances when free chlorine residual in the distribution system was measured at concentration less than 0.05 mg/L during the inspection period. The lowest free chlorine residual during this period was measured on February 4, 2019 at 0.36 mg/L.

- **Where an activity has occurred that could introduce contamination, all parts of the drinking water system were disinfected in accordance with Schedule B, Condition 2.3 of the Drinking Water Works Permit.**

A review of watermain repair and maintenance documents for the inspection period has confirmed that the watermains were disinfected as per the Ministry's Watermain Disinfection Procedure. It appears that the well # 2 was disinfected and tested prior to being placed in service in accordance with AWWA C654 – Standard for

Treatment Processes

Disinfection of Wells.

Treatment Process Monitoring

- **Primary disinfection chlorine monitoring was conducted at a location approved by Municipal Drinking Water Licence and/or Drinking Water Works Permit issued under Part V of the SDWA, or at/near a location where the intended CT has just been achieved.**
- **The secondary disinfectant residual was not measured as required for the distribution system.**

Subsection 7-2(3) of Schedule 7 of O. Reg. 170/03 requires that the owner of a large municipal residential system that provides secondary disinfection and the operating authority for the system must ensure that at least seven distribution samples are taken each week and are tested immediately for free chlorine residual. Unless at least one sample is taken on each day of the week, at least four of the samples must be taken on one day of the week, at least 48 hours after the last sample was taken in the previous week. At least three of the samples must be taken on a second day of the week, at least 48 hours after the last sample was taken. When more than one sample is taken on the same day of the week under paragraph 1 or 2, each sample must be taken from a different location.

A review of records of chlorine residual monitoring in the distribution system revealed that seven samples were collected and tested for chlorine residual weekly during the inspection period. The samples were collected in two sets, four in the beginning of the week and three at the end of the week.

In all but one instance, samples were collected more than 48 hours apart. In the week of December 1 to 7, 2019, the last sample of the first set of samples was collected and tested for chlorine residual on December 3, 2019 at 14:10 hours. The first sample in the second set of samples was collected on December 5, 2019 at 11:30 hours, which is 45 hours and 20 minutes after the last free chlorine residual was measured. During the inspection, the operator-in-charge indicated that this event happened when the operator who was instructed to collect the second set of samples did not check the time when the last chlorine residuals were checked in the distribution. This non-compliance was not observed during the same week so no additional chlorine residual checks were performed.

Failure to take at least four of the samples on one day of the week, at least 48 hours after the last sample was taken in the previous week and at least three of the samples on a second day of the week, at least 48 hours after the last sample was taken is a violation of Subsection 7-2(3) of Schedule 7 of O. Reg. 170/03.

Please refer to item # 1 of the Non-Compliance with Regulatory Requirements and Actions Required section of this report for further direction related to this item.

- **Operators were examining continuous monitoring test results and they were examining the results within 72 hours of the test.**
- **All continuous monitoring equipment utilized for sampling and testing required by O. Reg. 170/03, or Municipal Drinking Water Licence or Drinking Water Works Permit or order, were not equipped with alarms or shut-off mechanisms that satisfy the standards described in Schedule 6.**

Section 6-5 of Schedule 6 of O. Reg. 170/03 requires that the continuous monitoring equipment causes an alarm to sound when a test result for a parameter is above the maximum alarm standard or below the minimum alarm standard specified in the regulation. The maximum alarm standard for turbidity is 1.0 Nephelometric Turbidity Units (NTU). The minimum alarm standard for free chlorine residual required to achieve primary disinfection is 0.1 mg/L less than the concentration of free chlorine residual that is required to achieve primary disinfection.

Section 6-5(1)5 of Schedule 6 of O. Reg. 170/03 requires that where an automatic shut-off mechanism is not used on a continuous monitoring equipment, in addition to alarming when the test result for a parameter is outside the

Treatment Process Monitoring

range prescribed in the table to Schedule 6-5, the continuous monitoring equipment must cause an alarm to signal if the analyzer loses power or malfunctions so that an operator can be immediately alerted and take appropriate action.

Free chlorine residual concentration required to achieve primary disinfection for the worst conditions at Powassan WTP is 0.45 mg/l. Continuous chlorine analyzer is equipped with an alarm that signals when free chlorine concentration reaches 0.8 mg/L. The alarm is enunciated at the pumphouse as well as the security company contracted by the operating authority. The security company contacts the overall responsible operator by phone in case of all alarms from Powassan DWS. In case of a low chlorine alarm, i.e. free chlorine residual at 0.8 mg/L, the active low lift pump automatically shuts off disabling the flow of raw water towards the chlorine contact pipe. Maximum alarm setting for free chlorine residual is set at 4.0 mg/L for high free chlorine concentration and 4.5 mg/L for high high free chlorine residual concentration. Delay of all free chlorine residual alarm set points is 10 seconds.

The operating authority informed the inspecting officer on December 30, 2019 that in the period from 17:45 on December 29, 2019 to 09:45 on December 30, 2019, the continuous online analyzer was not operating during this period due to back-up power supply failure. There was no alarm or shut down of the well pumps during the period the continuous chlorine analyzer was without power.

Failure to design and operate the continuous monitoring equipment to either cause an alarm to signal immediately at the location where the equipment conducts tests and a location where a person is present if the equipment malfunctions or loses power or a test result for a parameter is above the maximum alarm standard or below the minimum alarm standard specified in the Table to Schedule 6 for the parameter or have a feature that ensures that no water is directed to users of water sampled by the equipment in the event that the equipment malfunctions or loses power or a test result for a parameter is above the maximum alarm standard or below the minimum alarm standard specified in the Table to this section for the parameter is a violation of Section 6-5 of Schedule 6 of O. Reg 170/03.

Please refer to item # 2 of the Non-Compliance with Regulatory Requirements and Actions Required section of this report for further direction related to this item.

- **Continuous monitoring equipment that was being utilized to fulfill O. Reg. 170/03 requirements was not performing tests for the parameters with at least the minimum frequency specified in the Table in Schedule 6 of O. Reg. 170/03 and/or was not recording data with the prescribed format.**

Subsection 6-5(1) of Schedule 6 of O. Reg. 170/03 specifies that if a drinking water system uses continuous monitoring equipment for sampling and testing that is required under this Regulation for free chlorine residual required to achieve primary disinfection, the owner of the system and the operating authority for the system shall ensure the continuous monitoring equipment must, except when no water is being directed to users of water, test for free chlorine residual with at least the minimum frequency specified in the Table for the parameter, and record the date, time, sampling location and result of every test for free chlorine residual with at least the minimum frequency required for the drinking water system. Table in Subsection 6-5(1) sets the minimum required testing and recording frequency for free chlorine residual required to achieve primary disinfection at 5 minutes.

The operating authority informed the inspecting officer on December 30, 2019 that in the period from 17:45 on December 29, 2019 to 09:45 on December 30, 2019, the continuous online analyzer was not operating during this period due to back-up power supply failure. According to the incident report provided by the operating authority, there were three pumping cycles into the distribution system while chlorine pumps were dosing chlorine but the chlorine analyzer was not testing and recording the free chlorine residual. There was no alarm to inform the overall responsible operator about the loss of chlorine dosing, as a result there was no manual measuring of chlorine residual every 5 minutes during this event.

Failure to have the continuous monitoring equipment test for free chlorine residual with the minimum frequency of

Treatment Process Monitoring

every 5 minutes is a violation Subsection 6-5(1) of Schedule 6 of O. Reg. 170/03.

Please refer to Item # 3 of the Non-Compliance with Regulatory Requirements and Actions Required section of this report for further direction related to this item.

- **All continuous analysers were calibrated, maintained, and operated, in accordance with the manufacturer's instructions or the regulation.**

The online chlorine analyzer is inspected and verified against a handheld chlorine analyzer monthly and adjusted when the free Cl reading is out of verifying range, as recommended by the manufacturer. The handheld analyzer is calibrated annually. Treated water free chlorine analyzer at the reservoir is also checked against a handheld chlorine analyzer monthly and adjusted when needed.

Operations Manuals

- **The operations and maintenance manuals contained plans, drawings and process descriptions sufficient for the safe and efficient operation of the system.**
- **The operations and maintenance manuals met the requirements of the Drinking Water Works Permit and Municipal Drinking Water Licence issued under Part V of the SDWA.**

Logbooks

- **Records or other record keeping mechanisms confirmed that operational testing not performed by continuous monitoring equipment was being done by a certified operator, water quality analyst, or person who suffices the requirements of O. Reg. 170/03 7-5.**

Security

- **The owner had provided security measures to protect components of the drinking water system.**

The Powassan DWS pump house is kept locked with intruder alarm installed on the door. The intruder alarm is tested monthly. During the inspection period, no potential for intruder access was observed in the pumphouse. Operators visit the facility two to four times a week.

Powassan reservoir is in an area with gated access. The rechlorination building next to the reservoir is kept locked and is equipped with intruder alarm.

Remote access to review trends is achieved only through an approved electronic device and is secured with passwords.

Certification and Training

- **The overall responsible operator had been designated for each subsystem.**

For the Powassan WTP and Distribution System, the on-call operator is designated as the overall responsible operator (ORO). The ORO is alternated on a weekly basis between operators Darren Aljoe and Tim Fraser as per the on-call schedule, each serving as backup ORO to each other. Alternate operators that may function as designated ORO while on call for this facility are Don Michaud, Gerry Duguay and John Hemingway.

- **Operators-in-charge had been designated for all subsystems which comprised the drinking water system.**
- **All operators possessed the required certification.**

Certification and Training

- Only certified operators made adjustments to the treatment equipment.

Water Quality Monitoring

- All microbiological water quality monitoring requirements for distribution samples were being met.

Section 10-2 of Schedule 10 of O. Reg. 170/03 requires that the owner of a drinking-water system and the operating authority for the system must ensure that at least nine distribution samples are taken every month, with at least one of the samples being taken in each week. The owner of the drinking-water system and the operating authority for the system must ensure that each of the samples is tested for *Escherichia coli* and total coliforms and that at least 25 per cent of the samples required to be taken are tested for general bacteria population expressed as colony counts on a heterotrophic plate count (HPC).

A review of the Ministry's sampling records and lab results provided by the operating authority for the inspection period has confirmed that samples from the distribution were collected weekly and tested for *E. coli* and total coliforms, resulting in 12 to 15 monthly samples. Every week a distribution sample was also tested for HPC resulting in 4 to 5 monthly samples which meets the requirement of at least 25 per cent of the samples being taken and tested for HPC.

- All microbiological water quality monitoring requirements for treated samples were being met.

Section 10-3 of Schedule 10 of O. Reg. 170/03 requires that the owner of a drinking-water system and the operating authority for the system must ensure that a water sample is taken at least once every week and tested for, (a) *Escherichia coli*; (b) total coliforms; and (c) general bacteria population expressed as colony counts on a heterotrophic plate count (HPC).

A review of the Ministry's sampling records and lab results provided by the operating authority for the inspection period has confirmed that samples of treated water are collected at the pumphouse weekly and tested for *E. coli*, total coliforms and HPC.

- All inorganic water quality monitoring requirements prescribed by legislation were conducted within the required frequency.

Section 13-2 of Schedule 13 of O. Reg. 170/03 requires that the owner of a large municipal residential system and the operating authority for the system must ensure that at least one treated water sample is taken every 36 months, if the system obtains water from a raw water supply that is ground water. The owner of a large municipal residential system and the operating authority for the system must ensure that each of the samples is tested for every parameter set out in Schedule 23 (Inorganics).

Sampling for the purpose of testing for Schedule 23 parameters was conducted on January 29, 2018.

- All organic water quality monitoring requirements prescribed by legislation were conducted within the required frequency.

Section 13-4 of Schedule 13 of O. Reg. 170/03 requires that the owner of a large municipal residential system and the operating authority for the system must ensure that at least one treated water sample is taken every 36 months, if the system obtains water from a raw water supply that is ground water. The owner of a large municipal residential system and the operating authority for the system must ensure that each of the samples is tested for every parameter set out in Schedule 24 (Organics).

Sampling for the purpose of testing for Schedule 24 parameters was conducted on January 29, 2018.

- All haloacetic acid water quality monitoring requirements prescribed by legislation are being conducted

Water Quality Monitoring

within the required frequency and at the required location.

Effective January 1, 2017, section 13-6.1 of Schedule 13 of O. Reg. 170/03 requires that the owner of a drinking water system that provides chlorination and the operating authority for the system must ensure that at least one distribution sample is taken in each calendar quarter, from a point in the drinking water systems distribution system, or plumbing that is connected to the drinking water system, that is likely to have an elevated potential for the formation of haloacetic acids and tested for haloacetic acids (HAAs). O. Reg. 170/03 defines the "calendar quarter" as the three-month period that begins on January 1, April 1, July 1 or October 1.

Effective January 1, 2020, a standard for HAAs has been introduced. The standard will be 0.08 mg/L (80 µg/L) and will be expressed as a running annual average (RAA) of quarterly results.

During the inspection period, samples were collected and tested for HAAs on July 9, 2018, October 9, 2018, January 14 and 28, 2019 and April 15, 2019, July 8, 2019 and October 21, 2019. The test results of HAAs in all samples were below the laboratory's detectable limit with highest concentration at 5.3 µg/L. The samples for HAAs were collected from locations near the start and in the middle of the distribution system.

- **All trihalomethane water quality monitoring requirements prescribed by legislation were conducted within the required frequency and at the required location.**

Subsection 13-6 of Schedule 13 of O. Reg. 170/03 requires the owner of a drinking water system that provides chlorination and the operating authority for the system must ensure that at least one distribution sample is taken in each calendar quarter, from a point in the drinking water system's distribution system that is likely to have an elevated potential for the formation of trihalomethanes and tested for trihalomethanes (THMs).

O. Reg. 169/03 sets the standard for THMs at 0.100 mg/L (100 µg/L) expressed as a RAA, where RAA is defined as "the running annual average of quarterly results" for THMs for a drinking water system. O. Reg. 170/03 defines the "calendar quarter" as the three-month period that begins on January 1, April 1, July 1 or October 1.

During the inspection period, samples were collected and tested for THMs on July 9, 2018, October 9, 2018, January 14, 2019 and April 15, 2019, July 8, 2019 and October 21, 2019. The Current RAA for THMs is 3 µg/L.

- **All nitrate/nitrite water quality monitoring requirements prescribed by legislation were conducted within the required frequency for the DWS.**

Section 13-7 of Schedule 13 of O. Reg. 170/03 requires that the owner of a drinking water system and the operating authority for the system must ensure that at least one water sample is taken every three months and tested for nitrate and nitrite.

During the inspection period, samples of treated water were collected and tested for nitrate and nitrite on July 9, 2018, October 9, 2018, January 14, 2019, April 15, 2019, July 8, 2019 and October 17, 2019.

- **All sodium water quality monitoring requirements prescribed by legislation were conducted within the required frequency.**

Section 13-8 of Schedule 13 requires that the owner of a drinking water system and the operating authority for the system must ensure that at least one treated water sample is taken every 60 months and tested for sodium.

The most recent sample was collected and tested for sodium on February 27, 2017.

- **All fluoride water quality monitoring requirements prescribed by legislation were conducted within the required frequency.**

Section 13-9 of Schedule 13 of O. reg. 170/03 requires that the owner of a drinking water system and the operating authority for the system must ensure that at least one treated water sample is taken every 60 months and tested for

Water Quality Monitoring

fluoride.

The most recent sampling for fluoride was done on January 14, 2019.

- **Records confirmed that chlorine residual tests were being conducted at the same time and at the same location that microbiological samples were obtained.**

Water Quality Assessment

- **Records showed that all water sample results taken during the inspection review period did not exceed the values of tables 1, 2 and 3 of the Ontario Drinking Water Quality Standards (O.Reg. 169/03).**

Reporting & Corrective Actions

- **Corrective actions (as per Schedule 17) had been taken to address adverse conditions, including any other steps that were directed by the Medical Officer of Health.**

Subsection 17-2 of Schedule 17 of O. Reg. 170/03 requires that if a report is made under section 16-4 of Schedule 16 in respect of water that has not been properly disinfected, the owner of the drinking water system and the operating authority for the system must ensure that proper disinfection is immediately restore and other steps are taken as directed by the medical officer of health.

On March 26, 2019 there was a watermain break that affected approximately 100 residences. Due to altitude difference, there was a loss of pressure. The operating authority informed the local medical officer of health – North Bay Parry Sound District Health Unit who issued a Boiled Water Advisory. The incident was then reported to Spills Action Centre as an adverse water quality incident. The Health Unit required the following corrective actions: restore disinfection, flush mains, post signs and advise users to boil water.

The watermain was repaired and flushed by flushing dead end hydrants. Disinfection was restored immediately after repairs. Users were advised to boil water by notices within a couple of hours from reporting the incident.

All corrective actions required by Schedule 17 and the Health Unit were taken to address the adverse water quality incident and were recorded on the Notice of Adverse Test Results and Other Problems and Notice of Issue Resolution at Drinking Water Systems form and submitted to the Ministry within the specified timeframe.

- **All required notifications of adverse water quality incidents were immediately provided as per O. Reg. 170/03 16-6.**
- **Where required continuous monitoring equipment used for the monitoring of chlorine residual and/or turbidity triggered an alarm or an automatic shut-off, a qualified person responded in a timely manner and took appropriate actions.**

NON-COMPLIANCE WITH REGULATORY REQUIREMENTS AND ACTIONS REQUIRED

This section provides a summary of all non-compliance with regulatory requirements identified during the inspection period, as well as actions required to address these issues. Further details pertaining to these items can be found in the body of the inspection report.

1. The secondary disinfectant residual was not measured as required for the distribution system.

Subsection 7-2(3) of Schedule 7 of O. Reg. 170/03 requires that the owner of a large municipal residential system that provides secondary disinfection and the operating authority for the system must ensure that at least seven distribution samples are taken each week and are tested immediately for free chlorine residual. Unless at least one sample is taken on each day of the week, at least four of the samples must be taken on one day of the week, at least 48 hours after the last sample was taken in the previous week. At least three of the samples must be taken on a second day of the week, at least 48 hours after the last sample was taken.

In the week of December 1 to 7, 2019, the last sample of the first set of samples was collected and tested for chlorine residual on December 3, 2019 at 14:10 hours. The first sample in the second set of samples was collected on December 5, 2019 at 11:30 hours, which is 45 hours and 20 minutes after the last free chlorine residual was measured.

Action(s) Required:

During the preparation of this inspection report, the operating authority provided written documentation that the operator who measured free chlorine residuals on December 5, 2019 received training on the requirements of Subsection 7-2(3) of Schedule 7 of O. Reg. 170/03 on December 19, 2019.

No further action required.

2. All continuous monitoring equipment utilized for sampling and testing required by O. Reg. 170/03, or Municipal Drinking Water Licence or Drinking Water Works Permit or order, were not equipped with alarms or shut-off mechanisms that satisfy the standards described in Schedule 6.

Section 6-5(1)5 of Schedule 6 of O. Reg. 170/03 requires that where an automatic shut-off mechanism is not used on a continuous monitoring equipment, in addition to alarming when the test result for a parameter is outside the range prescribed in the table to Schedule 6-5, the continuous monitoring equipment must cause an alarm to signal if the analyzer loses power or malfunctions so that an operator can be immediately alerted and take appropriate action.

The operating authority informed the inspecting officer on December 30, 2019 that in the period from 17:45 on December 29, 2019 to 09:45 on December 30, 2019, the continuous online analyzer was not operating during this period due to back-up power supply failure. There was no alarm or shut down of the well pumps during the period the continuous chlorine analyzer was without power.

Action(s) Required:

The operating authority informed the inspecting officer on February 10, 2020 that programming updates to the continuous free chlorine analyzer/PLC so that the well pumps will shut down and generate a low free chlorine residual alarm to the on call operator on loss of electrical power and instrument fault of the compliance free chlorine analyzer.

No further action required.

3. Continuous monitoring equipment that was being utilized to fulfill O. Reg. 170/03 requirements was not performing tests for the parameters with at least the minimum frequency specified in the Table in Schedule 6 of O. Reg. 170/03 and/or was not recording data with the prescribed format.

Subsection 6-5(1) of Schedule 6 of O. Reg. 170/03 specifies that if a drinking water system uses continuous monitoring equipment for sampling and testing that is required under this Regulation for free chlorine residual required to achieve primary disinfection, the owner of the system and the operating authority for the system shall ensure the continuous monitoring equipment must, except when no water is being directed to users of water, test for free chlorine residual with at least the minimum frequency specified in the Table for the parameter, and record the date, time, sampling location and result of every test for free chlorine residual with at least the minimum frequency required for the drinking water system. Table in Subsection 6-5(1) sets the minimum required testing and recording frequency for free chlorine residual required to achieve primary disinfection at 5 minutes.

The operating authority informed the inspecting officer on December 30, 2019 that in the period from 17:45 on December 29, 2019 to 09:45 on December 30, 2019, the continuous online analyzer was not operating during this period due to back-up power supply failure. According to the incident report provided by the operating authority, there were three pumping cycles into the distribution system while chlorine pumps were dosing chlorine but the chlorine analyzer was not testing and recording the free chlorine residual.

Action(s) Required:

The operating authority informed the inspecting officer on February 10, 2020 that low lift pump lockdown and alarm have been enabled in the event of loss of power or instrument fault of the continuous free chlorine analyzer. This setting will prevent flow of treated water to the distribution system when regulatory testing of free chlorine residual at the location where disinfection has been achieved is not being performed every 5 minutes.

No further action required.

SUMMARY OF RECOMMENDATIONS AND BEST PRACTICE ISSUES

This section provides a summary of all recommendations and best practice issues identified during the inspection period. Details pertaining to these items can be found in the body of the inspection report. In the interest of continuous improvement in the interim, it is recommended that owners and operators develop an awareness of the following issues and consider measures to address them.

Not Applicable

SIGNATURES

Inspected By:

Vesna Alimpic

Signature: (Provincial Officer)

V Alimpic

Reviewed & Approved By:

Sherry Ilersich

Signature: (Supervisor)

Janet Reoski Feb 21, 2020

Review & Approval Date:

Note: This Inspection does not in any way suggest that there is or has been compliance with applicable legislation and regulations as they apply or may apply to this facility. It is, and remains, the responsibility of the owner and/or operating authority to ensure compliance with all applicable legislative and regulatory requirements.

APPENDIX A
INSPECTION RATING RECORD

Ministry of the Environment - Inspection Summary Rating Record (Reporting Year - 2019-2020)

DWS Name: POWASSAN DRINKING WATER SYSTEM
DWS Number: 220000576
DWS Owner: Powassan, The Corporation Of The Municipality Of
Municipal Location: Powassan

Regulation: O.REG 170/03

Category: Large Municipal Residential System

Type Of Inspection: Focused

Inspection Date: December 17, 2019

Ministry Office: North Bay Area Office

Maximum Question Rating: 495

Inspection Module	Non-Compliance Rating
Source	0 / 14
Capacity Assessment	0 / 30
Treatment Processes	0 / 77
Operations Manuals	0 / 28
Logbooks	0 / 14
Certification and Training	0 / 42
Water Quality Monitoring	0 / 112
Reporting & Corrective Actions	0 / 66
Treatment Process Monitoring	63 / 112
TOTAL	63 / 495

Inspection Risk Rating 12.73%

FINAL INSPECTION RATING: 87.27%

Ministry of the Environment - Detailed Inspection Rating Record (Reporting Year - 2019-2020)

DWS Name: POWASSAN DRINKING WATER SYSTEM
DWS Number: 220000576
DWS Owner: Powassan, The Corporation Of The Municipality Of
Municipal Location: Powassan

Regulation: O.REG 170/03
Category: Large Municipal Residential System
Type Of Inspection: Focused
Inspection Date: December 17, 2019
Ministry Office: North Bay Area Office

Non-compliant Question(s)	Question Rating
Treatment Process Monitoring	
Are all continuous monitoring equipment utilized for sampling and testing required by O. Reg.170/03, or MDWL or DWWP or order, equipped with alarms or shut-off mechanisms that satisfy the standards described in Schedule 6?	21
Is continuous monitoring equipment that is being utilized to fulfill O. Reg. 170/03 requirements performing tests for the parameters with at least the minimum frequency specified in the Table in Schedule 6 of O. Reg. 170/03 and recording data with the prescribed format?	21
Is the secondary disinfectant residual measured as required for the distribution system?	21
TOTAL QUESTION RATING	63

Maximum Question Rating: 495

Inspection Risk Rating 12.73%

FINAL INSPECTION RATING: 87.27%

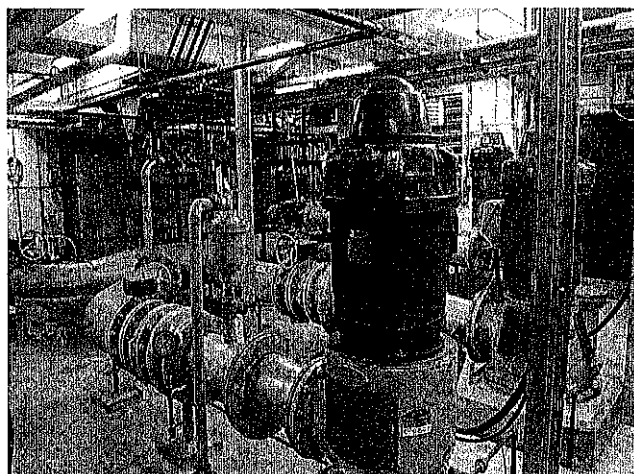
APPENDIX B
STAKEHOLDER APPENDIX

Key Reference and Guidance Material for Municipal Residential Drinking Water Systems

Many useful materials are available to help you operate your drinking water system. Below is a list of key materials owners and operators of municipal residential drinking water systems frequently use.

To access these materials online click on their titles in the table below or use your web browser to search for their titles. Contact the Ministry if you need assistance or have questions at 1-866-793-2588 or waterforms@ontario.ca.

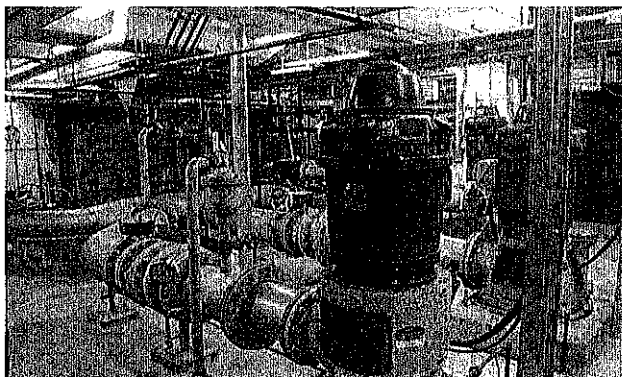
For more information on Ontario's drinking water visit www.ontario.ca/drinkingwater



PUBLICATION TITLE	PUBLICATION NUMBER
FORMS:	
Drinking Water System Profile Information	012-2149E
Laboratory Services Notification	012-2148E
Adverse Test Result Notification	012-4444E
Taking Care of Your Drinking Water: A Guide for Members of Municipal Councils	Website
Procedure for Disinfection of Drinking Water in Ontario	Website
Strategies for Minimizing the Disinfection Products Trihalomethanes and Haloacetic Acids	Website
Filtration Processes Technical Bulletin	Website
Ultraviolet Disinfection Technical Bulletin	Website
Guide for Applying for Drinking Water Works Permit Amendments, & License Amendments	Website
Certification Guide for Operators and Water Quality Analysts	Website
Guide to Drinking Water Operator Training Requirements	9802E
Community Sampling and Testing for Lead: Standard and Reduced Sampling and Eligibility for Exemption	Website
Drinking Water System Contact List	7128E01
Ontario's Drinking Water Quality Management Standard - Pocket Guide	Website
Watermain Disinfection Procedure	Website
List of Licensed Laboratories	Website

Principaux guides et documents de référence sur les réseaux résidentiels municipaux d'eau potable

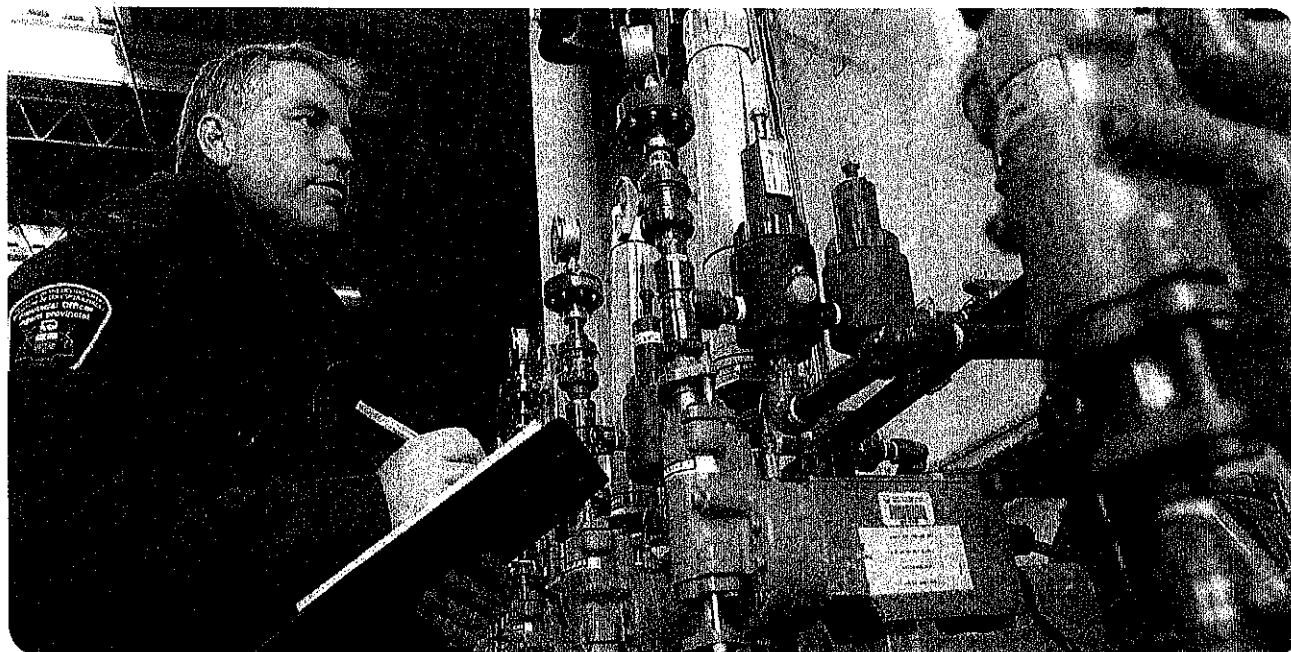
De nombreux documents utiles peuvent vous aider à exploiter votre réseau d'eau potable. Vous trouverez ci-après une liste de documents que les propriétaires et exploitants de réseaux résidentiels municipaux d'eau potable utilisent fréquemment. Pour accéder à ces documents en ligne, cliquez sur leur titre dans le tableau ci-dessous ou faites une recherche à l'aide de votre navigateur Web. Communiquez avec le ministère au 1-866-793-2588, ou encore à waterforms@ontario.ca si vous avez des questions ou besoin d'aide.



Pour plus de renseignements sur l'eau potable en Ontario, consultez le site www.ontario.ca/eaupotable

TITRE DE LA PUBLICATION	NUMÉRO DE PUBLICATION
Renseignements sur le profil du réseau d'eau potable	012-2149F
Avis de demande de services de laboratoire	012-2148F
Avis de résultats d'analyse insatisfaisants et de règlement des problèmes	012-4444F
Prendre soin de votre eau potable - Un guide destiné aux membres des conseils municipaux	Site Web
Marche à suivre pour désinfecter l'eau potable en Ontario	Site Web
Stratégies pour minimiser les trihalométhanes et les acides haloacétiques de sous-produits de désinfection	Site Web
Filtration Processes Technical Bulletin (en anglais seulement)	Site Web
Ultraviolet Disinfection Technical Bulletin (en anglais seulement)	Site Web
Guide de présentation d'une demande de modification du permis d'aménagement de station de production d'eau potable	Site Web
Guide sur l'accréditation des exploitants de réseaux d'eau potable et des analystes de la qualité de l'eau de réseaux d'eau potable	Site Web
Guide sur les exigences relatives à la formation des exploitants de réseaux d'eau potable	9802F
Échantillonnage et analyse du plomb dans les collectivités : échantillonnage normalisé ou réduit et admissibilité à l'exemption	Site Web
Liste des personnes-ressources du réseau d'eau potable	Site Web
L'eau potable en Ontario - Norme de gestion de la qualité - Guide de poche	Site Web
Procédure de désinfection des conduites principales	Site Web
Laboratoires autorisés	Site Web

APPLICATION OF THE RISK METHODOLOGY USED FOR MEASURING MUNICIPAL RESIDENTIAL DRINKING WATER SYSTEM INSPECTION RESULTS



The Ministry of the Environment (MOE) has a rigorous and comprehensive inspection program for municipal residential drinking water systems (MRDWS). Its objective is to determine the compliance of MRDWS with requirements under the Safe Drinking Water Act and associated regulations. It is the responsibility of the municipal residential drinking water system owner to ensure their drinking water systems are in compliance with all applicable legal requirements.

This document describes the risk rating methodology, which has been applied to the findings of the Ministry's MRDWS inspection

results since fiscal year 2008-09. The primary goals of this assessment are to encourage ongoing improvement of these systems and to establish a way to measure this progress.

MOE reviews the risk rating methodology every three years.

The Ministry's Municipal Residential Drinking Water Inspection Protocol contains 15 inspection modules consisting of approximately 100 regulatory questions. Those protocol questions are also linked to definitive guidance that ministry inspectors use when conducting MRDWS inspections.

ontario.ca/drinkingwater

The questions address a wide range of regulatory issues, from administrative procedures to drinking water quality monitoring. The inspection protocol also contains a number of non-regulatory questions.

A team of drinking water specialists in the ministry assessed each of the inspection protocol regulatory questions to determine the risk (not complying with the regulation) to the delivery of safe drinking water. This assessment was based on established provincial risk assessment principles, with each question receiving a risk rating referred to as the Question Risk Rating. Based on the number of areas where a system is deemed to be non-compliant during the inspection, and the significance of these areas to administrative, environmental, and health consequences, a risk-based inspection rating is calculated by the ministry for each drinking water system.

It is important to be aware that an inspection rating less than 100 per cent does not mean the drinking water from the system is unsafe. It shows areas where a system's operation can improve. The ministry works with owners and operators of systems to make sure they know what they need to do to achieve full compliance.

The inspection rating reflects the inspection results of the specific drinking water system for the reporting year. Since the methodology is applied consistently over a period of years, it serves as a comparative measure both provincially and in relation to the individual system. Both the drinking water system and the public are able to track the performance over time, which encourages continuous improvement and allows systems to identify specific areas requiring attention.

The ministry's annual inspection program is an important aspect of our drinking water safety net. The ministry and its partners share a common commitment to excellence and we continue to work toward the goal of 100 per cent regulatory compliance.

Determining Potential to Compromise the Delivery of Safe Water

The risk management approach used for MRDWS is aligned with the Government of Ontario's Risk Management Framework. Risk management is a systematic approach to identifying potential hazards, understanding the likelihood and consequences of the hazards, and taking steps to reduce their risk if necessary and as appropriate.

The Risk Management Framework provides a formula to be used in the determination of risk:

$$\text{RISK} = \text{LIKELIHOOD} \times \text{CONSEQUENCE}$$

(of the consequence)

Every regulatory question in the inspection protocol possesses a likelihood value (L) for an assigned consequence value (C) as described in **Table 1** and **Table 2**.

TABLE 1:	
Likelihood of Consequence Occurring	Likelihood Value
0% - 0.99% (Possible but Highly Unlikely)	L = 0
1 - 10% (Unlikely)	L = 1
11 - 49% (Possible)	L = 2
50 - 89% (Likely)	L = 3
90 - 100% (Almost Certain)	L = 4

TABLE 2:	
Consequence	Consequence Value
Medium Administrative Consequence	C = 1
Major Administrative Consequence	C = 2
Minor Environmental Consequence	C = 3
Minor Health Consequence	C = 4
Medium Environmental Consequence	C = 5
Major Environmental Consequence	C = 6
Medium Health Consequence	C = 7
Major Health Consequence	C = 8

The consequence values (0 through 8) are selected to align with other risk-based programs and projects currently under development or in use within the ministry as outlined in **Table 2**.

The Question Risk Rating for each regulatory inspection question is derived from an evaluation of every identified consequence and its corresponding likelihood of occurrence:

- All levels of consequence are evaluated for their potential to occur
- Greatest of all the combinations is selected.

The Question Risk Rating quantifies the risk of non-compliance of each question relative to the others. Questions with higher values are those with a potentially more significant impact on drinking water safety and a higher likelihood of occurrence. The highest possible value would be 32 (4×8) and the lowest would be 0 (0×1).

Table 3 presents a sample question showing the risk rating determination process.

TABLE 3:							
Does the Operator in Charge ensure that the equipment and processes are monitored, inspected and evaluated?							
Risk = Likelihood × Consequence							
C=1	C=2	C=3	C=4	C=5	C=6	C=7	C=8
Medium Administrative Consequence	Major Administrative Consequence	Minor Environmental Consequence	Minor Health Consequence	Medium Environmental Consequence	Major Environmental Consequence	Medium Health Consequence	Major Health Consequence
L=4 (Almost Certain)	L=1 (Unlikely)	L=2 (Possible)	L=3 (Likely)	L=3 (Likely)	L=1 (Unlikely)	L=3 (Likely)	L=2 (Possible)
R=4	R=2	R=6	R=12	R=15	R=6	R=21	R=16

Application of the Methodology to Inspection Results

Based on the results of a MRDWS inspection, an overall inspection risk rating is calculated. During an inspection, inspectors answer the questions related to regulatory compliance and input their “yes”, “no” or “not applicable” responses into the Ministry’s Laboratory and Waterworks Inspection System (LWIS) database. A “no” response indicates non-compliance. The maximum number of regulatory questions asked by an inspector varies by: system (i.e., distribution, stand-alone); type of inspection (i.e., focused, detailed); and source type (i.e., groundwater, surface water).

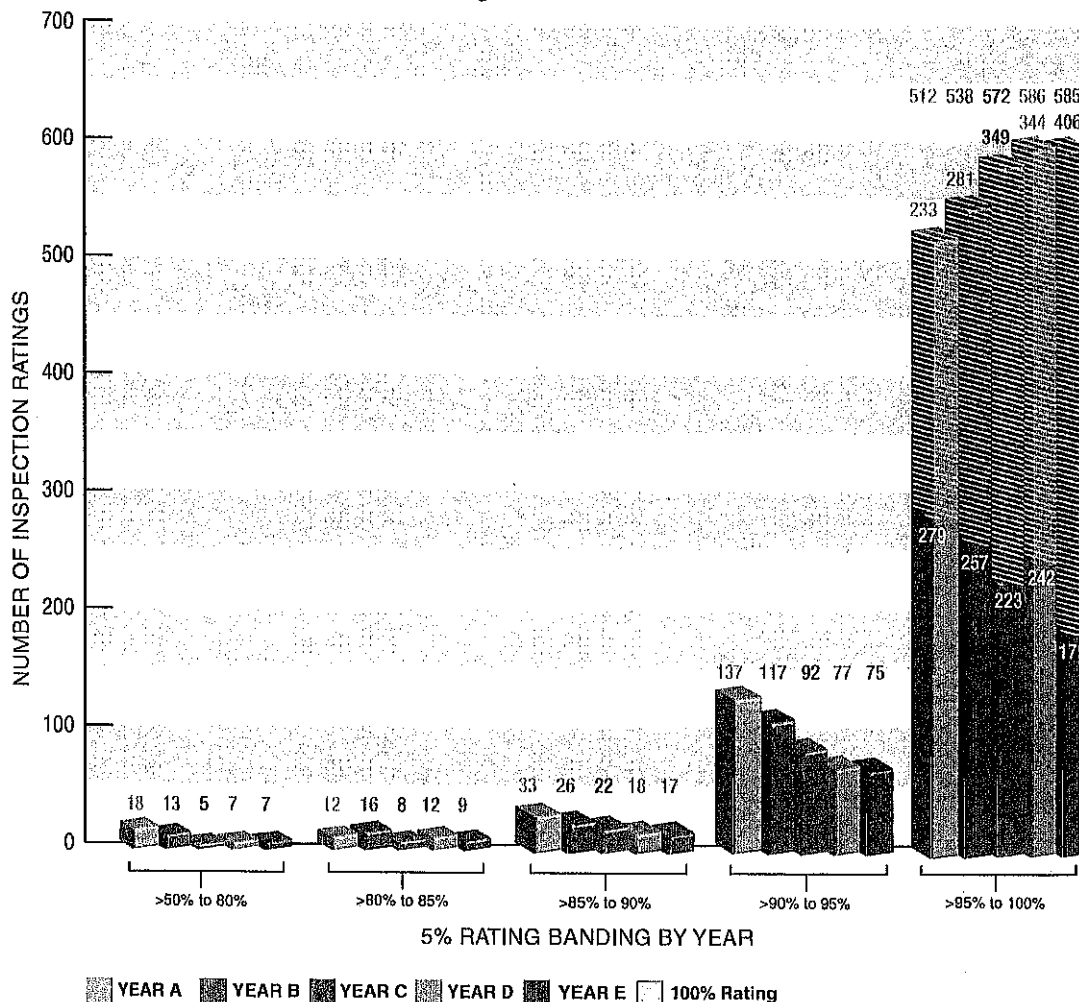
The risk ratings of all non-compliant answers are summed and divided by the sum of the risk ratings of all questions asked (maximum question rating). The resulting inspection risk rating (as a percentage) is subtracted from 100 per cent to arrive at the final inspection rating.

Application of the Methodology for Public Reporting

The individual MRDWS Total Inspection Ratings are published with the ministry's Chief Drinking Water Inspector's Annual Report.

Figure 1 presents the distribution of MRDWS ratings for a sample of annual inspections. Individual drinking water systems can compare against all the other inspected facilities over a period of inspection years.

Figure 1: Year Over Year Distribution of MRDWS Ratings



Reporting Results to MRDWS Owners/Operators

A summary of inspection findings for each system is generated in the form of an Inspection Rating Record (IRR). The findings are grouped into the 15 possible modules of the inspection protocol,

which would provide the system owner/operator with information on the areas where they need to improve. The 15 modules are:

- | | | | |
|-------------------------|---------------------------------|--|--|
| 1. Source | 5. Treatment Process Monitoring | 9. Logbooks | 13. Water Quality Monitoring |
| 2. Permit to Take Water | 6. Process Wastewater | 10. Contingency and Emergency Planning | 14. Reporting, Notification and Corrective Actions |
| 3. Capacity Assessment | 7. Distribution System | 11. Consumer Relations | 15. Other Inspection Findings |
| 4. Treatment Processes | 8. Operations Manuals | 12. Certification and Training | |

For further information, please visit www.ontario.ca/drinkingwater

Maureen Lang

From: Josh Gravelle <JGravelle@ocwa.com>
Sent: Friday, February 21, 2020 1:42 PM
To: Maureen Lang
Cc: Paul Dyrda; Yvan Rondeau; Alimpic, Vesna (MOECC); Eric Nielson
Subject: Powassan DWS - 2019 Annual Water Report
Attachments: Powassan- 2019 Annual Water Report.pdf

Good afternoon Maureen,

Please find attached the 2019 Annual/Summary Report for the Powassan Drinking Water System. The Annual Report is prepared in accordance with Section 11 of Ontario Regulation 170/03 under the Safe Drinking Water Act. This report is to be submitted to the facility owner by February 28th of each year for the preceding calendar year. The Summary Report is prepared in accordance with Schedule 22 of O. Reg. 170/03 and is to be completed no later than March 31st of each year. These reports were prepared by the Ontario Clean Water Agency (OCWA) on behalf of the Municipality of Powassan and are based on information kept on record by OCWA.

Please note that any Provincial Officers Orders or Non-Compliance issues that you have received directly from the MECP should be reviewed. Where non-compliance with the Order or Issue is evident and it is not included in the report, then we recommend that this information be added to the report.

After your review and inclusion of any additional information, this report is to be provided to the Council members representing the Municipality of Powassan before March 31, 2020. Please ensure this distribution. OCWA requests a copy of council's resolution for auditing and inspection purposes. Please fax to (705) 567-7974 or scan to jgravelle@ocwa.com.

Section 12 of O. Reg. 170/03 requires that both the Annual Report and Municipal Summary Report be made available for inspection by any member of the public during normal business hours, without charge. The reports should be made available for inspection at the Municipal office and the public should be notified that the reports are available for their inspection at this location.

A hardcopy of this report can be made available upon request.

If you have any questions or concerns, please do not hesitate to contact me at (705) 568-7000.

Kind regards,
Ontario Clean Water Agency

Joshua Gravelle
Process and Compliance Technician
North Eastern Ontario Hub
Ontario Clean Water Agency
Fax: 705-567-7974
Cell: 705-568-7000
Email: jgravelle@ocwa.com

DATE OF COUNCIL MTG.	March 3/2020
AGENDA ITEM #	12-2



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

31 Station Rd. N
Kirkland Lake, ON P2N 3J5
Tel: 705 567 3955
Fax: 705 567 7974
www.ocwa.com

February 21, 2020

Clerk-Treasurer Maureen Lang and Council
The Corporation of the Municipality of Powassan
250 Clark St.
Powassan, ON P0H 1Z0

Re: 2019 Annual/Summary Report for the Powassan Drinking Water System

Dear Maureen Lang and Council:

Ontario's Drinking-Water Systems Regulation (O. Reg. 170/03), made under the *Safe Drinking Water Act in 2002*, requires that the owner of a drinking water system prepare an Annual Report and an Annual Summary Report of the operation of the system and the quality of its water.

Annual Report

The annual report must cover the period of January 1st to December 31st in a year and must be prepared not later than February 28th of the following year. Pursuant to the legislative requirements, enclosed for your records is the 2019 Annual Report for the Powassan Drinking Water System.

In accordance with Section 11 (6), the annual report must:

- (a) contain a brief description of the drinking-water system, including a list of water treatment chemicals used by the system during the period covered by the report;
- (b) summarize any reports made to the Ministry under subsection 18 (1) of the Act or section 16-4 of Schedule 16 during the period covered by the report;
- (c) summarize the results of tests required under the Regulation, or an approval or order, including an OWRA order, during the period covered by the report and, if tests required under this Regulation in respect of a parameter were not required during that period, summarize the most recent results of tests of that parameter;
- (d) describe any corrective actions taken under Schedule 17 or 18 during the period covered by the report;
- (e) describe any major expenses incurred during the period covered by the report to install, repair or replace required equipment; and
- (f) if the case of a large municipal residential system or a small municipal residential system, include a statement of where a report prepared under Schedule 22 will be available for inspection under subsection 12 (4) O. Reg. 170/03, s. 11 (6).

In addition, Section 11 (7) gives the direction that a copy of an annual report for the system is given, without charge, to every person who requests a copy and be made available for inspection by any member of the public during normal business hours. The reports should be made available at the office of the municipality, or at a location that is accessible to the users of the water system.

Summary Report

The annual summary report must cover the period of January 1st to December 31st in a year and must be prepared not later than March 31st of the following year. Pursuant to the legislative requirements, enclosed for your records is the 2019 Annual Summary for the Powassan Drinking Water System.

As required in *Schedule 22, Summary Reports for Municipalities*, the annual summary must:

- (2) (a) list the requirements of the Act, the regulations, the system's approval, drinking water works permit, municipal drinking water licence, and any orders applicable to the system that were not met at any time during the period covered by the report; and
 - (b) for each requirement referred to in clause (a) that was not met, specify the duration of the failure and the measures that were taken to correct the failure.
- (3) The report must also include the following information for the purpose of enabling the owner of the system to assess the capability of the system to meet existing and planned uses of the system:
 1. A summary of the quantities and flow rates of the water supplied during the period covered by the report, including monthly average and maximum daily flows.
 2. A comparison of the summary referred to in paragraph 1 to the rated capacity and flow rates approved in the system's approval, drinking water works permit or municipal drinking water licence, or if the system is receiving all of its water from another system under an agreement pursuant to subsection 5 (4), to the flow rates specified in the written agreement.

In addition, Section 12 (1) – 4 – gives the direction that a copy of the annual summary for the system is given, without charge, to every person who requests a copy and be made available for inspection by any member of the public during normal business hours. The reports should be made available at the office of the municipality, or at a location that is accessible to the users of the water system.

These reports were prepared by the Ontario Clean Water Agency on behalf of the Municipality of Powassan and are based on information kept on record by OCWA at the Powassan WTP. The reports cover the period January 1st to December 31st 2019.

Please note that any Provincial Officers Orders or non-compliance issues that you have received directly from the MOE should be reviewed. Where non-compliance with the Order or Issue is evident and it is not included in the attached 2019 Annual/Summary Report, then we recommend that this information be added to the report.

After your review and inclusion of any additional information, this report is to be provided to the Council members representing the Municipality of Powassan before March 31, 2020. Please ensure this distribution.

Yours truly,
Ontario Clean Water Agency

Joshua Gravelle
Process and Compliance Technician

Copy to: Vesna Alimpic, Drinking Water Inspector, Ministry of the Environment, Conservation and Parks



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Powassan Drinking Water System

2019 ANNUAL/SUMMARY REPORT

Prepared by the Ontario Clean Water Agency
on behalf of the Municipality of Powassan



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INTRODUCTION

Municipalities throughout Ontario have been required to comply with Ontario Regulation 170/03 made under the Safe Drinking Water Act (SDWA) since June 2003. The Act was enacted following recommendations made by Commissioner O'Conner after the Walkerton Inquiry. The Act's purpose is to protect human health through the control and regulation of drinking water systems. O. Reg. 170/03 regulates drinking water testing, use of licensed laboratories, treatment requirements and reporting requirements.

Section 11 of Regulation 170/03 requires the owner to produce an Annual Report. This report must include the following:

1. Description of system & chemical(s) used
2. Summary of any adverse water quality reports and corrective actions
3. Summary of all required testing
4. Description of any major expenses incurred to install, repair or replace equipment

This annual report must be completed by February 28th of each year.

Section 22 of the regulation also requires a Summary Report which must be presented & accepted by Council by March 31st of each year for the preceding calendar year.

The report must list the requirements of the Act, its regulations, the system's Drinking Water Works Permit (DWWP), Municipal Drinking Water Licence (MDWL), Certificate of Approval (if applicable), and any Provincial Officer Order the system failed to meet during the reporting period. The report must also specify the duration of the failure, and for each failure referred to, describe the measures that were taken to correct the failure.

The Safe Drinking Water Act (2002) and the drinking water regulations can be viewed at the following website: <http://www.e-laws.gov.on.ca>.

To enable the Owner to assess the rated capacity of their system to meet existing and future planned water uses, the following information is also required in the report.

1. A summary of the quantities and flow rates of water supplied during the reporting period, including the monthly average and the maximum daily flows,
2. A comparison of the summary to the rated capacity and flow rates approved in the systems approval, drinking water works permit or municipal drinking water licence or a written agreement if the system is receiving all its water from another system under an agreement.

The reports have been prepared by the Ontario Clean Water Agency (OCWA) on behalf of the Owner and presented to council as the 2019 Annual/Summary Report.

Powassan Drinking Water System

Section 11

2019 ANNUAL REPORT



Section 11 - ANNUAL REPORT

1.0 Introduction

Drinking-Water System Name: POWASSAN DRINKING WATER SYSTEM
Drinking-Water System No.: 220000576
Drinking-Water System Owner: The Corporation of the Municipality of Powassan
Drinking-Water System Category: Large Municipal, Residential System
Period being reported: January 1, 2019 to December 31, 2019

Does your Drinking Water System serve more than 10,000 people? No

Is your annual report available to the public at no charge on a web site on the Internet? No

Location where Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.

Powassan Municipal Office

250 Clark St.

Powassan Ontario

Drinking Water Systems that receive drinking water from the Powassan Drinking Water System

The Powassan Drinking Water System (DWS) provides all drinking water to the community of Powassan.

The Annual Report was not provided to any other Drinking Water System Owners.

The Ontario Clean Water Agency prepared the 2019 Annual/Summary Report for the Powassan DWS and provided a copy to the system owner; the Municipality of Powassan. The Powassan DWS is a stand-alone system that does not receive water from or send water to another system.

Notification to system users that the Annual Report is available for viewing is accomplished through:

- A notice via an annual community newsletter that is sent to every resident and via a notification included on the municipal utility billing.
- System analysis and reports available in the water System Information Binder available for the public to review at the municipal office.



2.0 Powassan Drinking Water System (DWS No. 220000576)

The Powassan DWS is owned by the Corporation of the Municipality of Powassan and consists of a Class 1 water treatment subsystem and a Class 1 water distribution subsystem. The Ontario Clean Water Agency (OCWA) is designated the Overall Responsible Operator for both the water supply and water distribution facilities.

Raw Water Supply

The Municipality of Powassan municipal water system is a ground water system supplied by two (2) municipal drilled wells. The well operating pressures are controlled by pressure reducing valves in the adjacent pump house and are compatible with the top water level (TWL) of the in-ground reservoir of 310 meters (m) above sea level (A.S.L.) (elevation 1017 feet A.S.L.)

Well #1, constructed in 1981 and upgraded in 2003, consists of a 150 millimeter (mm) diameter steel casing, 23.1 m deep drilled production well including 3.8 m of screen across a coarse sand and gravel from approximately 23.1 m to 19.2 m, Well Pump No.1 is a 19 kilowatt (kW), 3 phase, 60 Hertz (Hz), 575 Volt, 25 horsepower (HP) Grundfos Submersible Pump Model 230s250-8B with the capacity of 15.2 litres per second (L/s) or 1,313 cubic meters per day (m³/d) at a total dynamic head (TDH) of 92.2 m. The well is capped, and a monitoring well is located 5 m south of well #1, which is protected by a vertical 0.45 m diameter corrugated steel pipe around the well casing and standing 1.2 m above the ground. Well No. 1 is operated at 15.2 L/s at an operating pressure of 650 kilopascals (kPa). Well #1 is located about 75 m South of Well #2.

Well #2, constructed in 1983, consists of a 300 mm diameter screened well, screened across a sand and gravel interval from approximately 11.0 to 18.5 m, pump is 22.4 kW, 3 phase, 60 Hertz, 575 Volt, Well Pump no. 2 is a 22.4 kW, 3 phase, 60 Hertz, 575 Volt, 30 HP Grundfos Submersible Pump (installed new in 2002), Model 230s300-9 with the capacity of 15.2 L/s or 1,313 m³/d at a TDH of 92.2 m. The well casing was raised 2 m in 2003 and furnished with a pit less adapter and locked down insect proof vented cap. A 0.15 m diameter test well is located approximately 3 m east of well #2. Well No. 2 is operated at 15.2 L/s at an operating pressure of 650 kPa. Well #2 is situated about 30 metres from Genesee Creek within the Genesee Creek floodplain.

Water Treatment

The water treatment facility was originally constructed in 1981 and upgraded in 2003 to meet new regulatory requirements. In April 2009 a newly constructed 1278 m³ in ground water storage reservoir was put into service to replace the aged 900 m³ (1955) steel standpipe. The treatment process at the Powassan Well Supply is comprised of primary and secondary disinfection by dosing with sodium hypochlorite. The pump house building contains the process piping, flow meters and treated water sample points, the sodium hypochlorite disinfection feed system, process monitoring instrumentation, standby pumping system controls, electrical system and all associated appurtenances. A 49 m length of 600 mm serpentine pipe is installed below grade at the well/pump house to provide a minimum 15 minutes of disinfection contact time determined at maximum design flow and before the first consumer. The disinfection system is comprised of two sodium hypochlorite metering pumps, with a maximum capacity of 3.13 litres per hour (L/hr) at 690 kPa, with automatic switchover controls, and two 160 litre (L) storage tanks (one duty & one standby) with secondary spill containment.



Water Storage and Pumping Capabilities

An in-ground reservoir constructed in 2008-09 is located approximately 60 m east from Big Bend Avenue at the end of McRae Drive was brought on-line in April 2009. The reservoir is an interconnected dual cell reservoir; each sized approximately 9.3 m x 13 m x 5.5 m water depth with a total capacity of 1,278 m³. Each cell is equipped with an inlet/outlet level sensor and a 300 mm diameter emergency overflow pipe; a 3.8 m x 4 m in-ground valve chamber. A prefabricated rechlorination building is located on top of the valve chamber and houses one (1) 100 L sodium hypochlorite storage tank with secondary containment and two (2) chemical metering pumps (duty and standby) each rated at 1.4 L/hr available to inject sodium hypochlorite into the reservoir outlet line (on demand) when required. An on-line chlorine residual analyzer is provided to sample water from the reservoir outlet line. The reservoir is operated and controlled based on water demand/pressure in the distribution system.

Emergency Power

Standby power in the event of a power interruption is supplied by a 65 kW/81 thousand volt amps (KVA), 347/600/3PH/60 Hz, diesel generator set with an automatic transfer switch in an external pad mounted weatherproof acoustical enclosure equipped with a double walled fuel tank in the sub base.

Distribution System

The Powassan DWS is categorized as a Large Municipal Residential Drinking Water System and serves an estimated population of 1000 residents. The distribution system consists of approximately 10.8 kilometers (km) of water mains made up of cast iron and polyvinyl chloride (PVC) piping ranging in size from 100 mm to 200 mm in diameter. Approximately 2.1 km of 250 mm diameter water main is installed in conjunction with the in-ground storage reservoir. The distribution system undergoes routine flushing twice a year, in the spring and in the fall.

3.0 List of Water Treatment Chemicals Used Over the Reporting Period

The following chemicals were used in the treatment process at the Powassan Water Treatment Plant.

- Sodium hypochlorite – Disinfection

4.0 Significant Expenses Incurred in the Drinking Water System

OCWA is committed to maintaining the assets of the drinking water system and maintains a program of scheduled inspection and maintenance activities using a computerized Work Management System (WMS). OCWA implemented a new Workplace Management System (Maximo) in 2015 which better maintains and optimizes facility assets. All routine maintenance activities conducted at the water treatment plant were accomplished in 2019.

Significant expenses incurred in the drinking water system include:

- Generator circuit board fried and sending overvoltage. Service scheduled to replace faulty components. Faulty components repaired.
- Well #2 pump inspection and motor replacement complete with disinfection procedure.
- Well #2 flushed of super chlorinated water, test run and sampling.
- Repairs made to hydrant at 515 Valley View. Hydrant was damaged by a vehicle.



- Well pump #2 wet-end arrived and will be stocked as a critical spare component.
- Water main issue while flushing hydrants. 6" valve for the hydrant was loose on the water main and the hydrant barrel was cracked. Valve was replaced, however a new hydrant has to be purchased and installed.
- Hydrant at 30 Birch Street was replaced.
- Replaced a failed battery charger for the generator at the wellhouse.
- Spare well pump purchased.
- New electric fuel priming pump installed on generator.
- New hydro pole installed at wellhouse to replace a broken pole.
- Reservoir inspection completed. No sediment accumulation present. Good condition.

5.0 Drinking Water System Highlights

- The Ministry of the Environment, Conservation and Parks (MECP) performed an annual inspection on December 17, 2019. The inspection included a physical assessment of the Powassan Water Treatment Plant and a document review. There were three non-compliance issues and zero best practice recommendations. The system received a risk rating of 12.73% and a final inspection rating of 87.27%.
- SAI Global conducted an on-site external Re-accreditation audit of the Powassan Drinking Water System's Quality and Environmental Management System (QEMS). The system and processes associated with the QEMS were evaluated on May 14, 2019 to ensure implementation of the Operational Plan and procedures and conformance to the Drinking Water Quality Management Standard version 2.0. 3 opportunities for improvement (OFIs) were identified, all resolved. There were no findings during the off-site external audit which took place April 8, 2019. Re-accreditation was achieved on May 21, 2019.

6.0 Details on Notices of Adverse Test Results and Other Problems Reported to & Submitted to the Spills Action Center

Based on information kept on record by OCWA, one (1) adverse water quality incidents (AWQI) were reported to the MOE's Spills Action Centre (MOE SAC) in 2019. One silt spill was also reported to MOE SAC in 2019.

AWQI 145059 – Watermain Break/Loss of Pressure/Boil Water Advisory(BWA)

March 26, 2019 @ 1217 hrs - Category 2 water main break affecting residents on Main and Valleyview. A main was leaking, so main was shut down for repair. Operators responded to and repaired pipe. The local Health Unit was notified and extended the BWA for the affected area. The watermain was isolated and repaired main break. All materials were disinfected and the area flushed as per the MECP's Watermain Disinfection procedure. Repair was completed and the pressure was restored on March 26, 2019.

The area was flushed and 2 sets of 3 microbiological samples were collected (upstream, downstream and at site). Sample results indicated no total coliforms or *E.coli* or general bacteria. BWA was lifted on March 29. Resolution submitted on March 29.



SAC Reference 1884-BAMJDN – Silt Spill resulting from Watermain Break

A silt spill occurred during watermain break on March 26, 2019.

Start Date & Time: March 26, 2019 @ 0615 hrs

Termination: March 26, 2019 @ 1440 hrs

Duration: 8 hours and 25 minutes

Approximate volume: Unknown

Details/Cause: Watermain break causing silt to enter to Genessee Creek (silt spill).

Receiver: Genessee Creek

Actions: Dechlorination pucks on bank and silt fence installed around watermain break.

Reporting: Verbal & written reports to MOE SAC and MOH, faxed to EC as required.

7.0 Microbiological Testing Performed During the Reporting Period

Summary of Microbiological Data

Sample Type	# of Samples	Range of <i>E. coli</i> Results (min to max)	Range of Total Coliform Results (min to max)	# of HPC Samples	Range of HPC Results (min to max)
Raw (Well No. 1)	53	0 to 0	0 to 0	0	N/A
Raw (Well No. 2)	49	0 to 0	0 to 0	0	N/A
Treated	53	0 to 0	0 to 0	53	0 to 1
Distribution	166	0 to 0	0 to 0	54	0 to 2

Maximum Allowable Concentration (MAC) for *E. coli* = 0 Counts/100 mL

MAC for Total Coliforms = 0 Counts/100 mL

"<" denotes less than the laboratory's method detection limit.

Notes: One microbiological sample is collected and tested each week from the raw (each well) and treated water supply. Please note Well #2 pump failed in April and required motor replacement, Well #2 was out of service for repair. A total of three microbiological samples are collected and tested each week from the Powassan distribution system.

Refer to *Appendix A* for a monthly summary of microbiological test results.

8.0 Operational Testing Performed During the Reporting Period

Summary of Raw Water Turbidity Data

Parameter	# of Samples	Range of Results (min to max)	Unit of Measure
Turbidity (Well No. 1)	53	0.01 to 1.0	NTU
Turbidity (Well No. 2)	45	0.09 to 0.32	

Continuous Monitoring in the Treatment Process

Parameter	# of Samples	Range of Results (min to max)	Unit of Measure	Standard
Free Chlorine	8760	0.851 to 4.999	mg/L	CT*

Notes: For continuous monitors 8760 is used as the number of samples.

CT is the concentration of chlorine in the water times the time of contact that the chlorine has with the water. It is used to demonstrate the level of disinfection treatment in the water. CT calculations are performed for the Powassan water plant if the free chlorine residual level drops below 0.45 mg/L to



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ensure primary disinfection is achieved. The Water Treatment Plant is equipped with an automatic plant shutdown at 0.80 mg/L, with no delay.

Summary of Chlorine Residual Data in the Distribution System

Parameter	No. of Samples	Range of Results (min to max)	Unit of Measure	Standard
Free Chlorine	372	0.36 to 2.60	mg/L	0.05

Note: A total of seven operational checks for chlorine residual in the distribution system are collected each week. Four (4) samples are tested one day and three (3) on a second day. The sample sets are collected at least 48-hours apart and samples collected on the same day are from different locations.

Refer to *Appendix B* for a monthly summary of the above operational data.

Summary of Nitrate & Nitrite Data (sampled at the water treatment plant)

Date of Sample	Nitrate Result Value	Nitrite Result Value	Unit of Measure	Exceedance
January 14	0.977	< 0.003	mg/L	No
April 15	0.774	< 0.003	mg/L	No
July 8	0.770	< 0.003	mg/L	No
October 17	1.070	< 0.003	mg/L	No

Maximum Allowable Concentration (MAC) for Nitrate = 10 mg/L
MAC for Nitrite = 1 mg/L

Summary of Total Trihalomethane Data (sampled in the distribution system)

Date of Sample	Result Value	Unit of Measure	Running Average	Exceedance
January 14	2.3	ug/L	3.05	No
April 15	2.1			
July 8	3.4			
October 17	4.4			

Maximum Allowable Concentration (MAC) for Total Trihalomethanes = 100 ug/L (Four Quarter Running Average)

Summary of Total Haloacetic Acids Data (sampled in the distribution system)

Date of Sample	Result Value	Unit of Measure	Running Average	Exceedance
January 14 (152 Fairview Lane)	<5.3	ug/L	<5.3	N/A until 2020
January 28 (299 Elm St.)	<5.3			
April 15 (152 Fairview Lane)	<5.3			
July 8 (299 Elm St.)	<5.3			
October 21 (152 Fairview Lane)	<5.3			

Summary of Most Recent Lead Data under Schedule 15.1

(applicable to the following drinking water systems; large municipal residential systems, small, municipal residential systems, and non-municipal year-round residential systems)

The Powassan DWS was eligible to follow the "Exemption from Plumbing Sampling" as described in section 15.1-5(9) and 15.1-5(10) of Schedule 15.1 of Ontario Regulation 170/03. The exemption applies to a drinking water system if, in two consecutive periods at reduced sampling, not more than 10% of all samples from plumbing exceed the maximum allowable



concentration (MAC) of 10 ug/L for lead. As such, the system was required to test for total alkalinity and pH in one distribution sample collected during the periods of December 15 to April 15 (winter period) and June 15 to October 15 (summer period). This testing is required in every 12-month period with lead testing in every third 12-month period.

Two rounds of alkalinity and pH testing were carried out on April 11th and 15th and August 7th of 2019. Results are summarized in the table below.

Summary of Lead, pH & Alkalinity Data (sampled in the distribution system)

Date of Sample	# of Samples	Sample Location	Lead (ug/L)	Field pH	Alkalinity (mg/L)
April 11	1	Hydrant at 30 Valleyview	N/A	7.09	84
April 15	1	Hydrant at 290 Edward Street	N/A	6.78	81
August 7	1	Hydrant at 290 Edward Street	N/A	6.94	89
August 7	1	Hydrant at 30 Valleyview	N/A	7.15	95

Most Recent Schedule 23 Inorganic Data Tested at the Water Treatment Plant

Parameter	Result Value	Unit of Measure	Standard	Exceedance
Antimony	<MDL 0.2	ug/L	6	No
Arsenic	<MDL 0.2	ug/L	10	No
Barium	162.0	ug/L	1000	No
Boron	6.0	ug/L	5000	No
Cadmium	0.004	ug/L	5	No
Chromium	0.72	ug/L	50	No
Mercury	<MDL 0.01	ug/L	1	No
Selenium	0.13	ug/L	50	No
Uranium	0.833	ug/L	20	No

Note: Sample required every 36 months (sample date = Jan. 29, 2018). Next sampling scheduled for January 2021.

**Most Recent Schedule 24 Organic Data Tested at the Water Treatment Plant**

TREATED WATER	Sample Date (yyyy/mm/dd)	Sample Result	MAC	Number of Exceedances	
				MAC	1/2 MAC
Alachlor (ug/L) - TW2	2018/01/29	<MDL 0.02	5.00	No	No
Atrazine + N-dealkylated metabolites (ug/L) - TW2	2018/01/29	<MDL 0.01	5.00	No	No
Azinphos-methyl (ug/L) - TW2	2018/01/29	<MDL 0.05	20.00	No	No
Benzene (ug/L) - TW2	2018/01/29	<MDL 0.32	1.00	No	No
Benzo(a)pyrene (ug/L) - TW2	2018/01/29	<MDL 0.004	0.01	No	No
Bromoxynil (ug/L) - TW2	2018/01/29	<MDL 0.33	5.00	No	No
Carbaryl (ug/L) - TW2	2018/01/29	<MDL 0.05	90.00	No	No
Carbofuran (ug/L) - TW2	2018/01/29	<MDL 0.01	90.00	No	No
Carbon Tetrachloride (ug/L) - TW2	2018/01/29	<MDL 0.16	2.00	No	No
Chlorpyrifos (ug/L) - TW2	2018/01/29	<MDL 0.02	90.00	No	No
Diazinon (ug/L) - TW2	2018/01/29	<MDL 0.02	20.00	No	No
Dicamba (ug/L) - TW2	2018/01/29	<MDL 0.2	120.00	No	No
1,2-Dichlorobenzene (ug/L) - TW2	2018/01/29	<MDL 0.41	200.00	No	No
1,4-Dichlorobenzene (ug/L) - TW2	2018/01/29	<MDL 0.36	5.00	No	No
1,2-Dichloroethane (ug/L) - TW2	2018/01/29	<MDL 0.35	5.00	No	No
1,1-Dichloroethylene (ug/L) - TW2	2018/01/29	<MDL 0.33	14.00	No	No
Dichloromethane (Methylene Chloride) (ug/L)	2018/01/29	<MDL 0.35	50.00	No	No
2,4-Dichlorophenol (ug/L) - TW2	2018/01/29	<MDL 0.15	900.00	No	No
2,4-Dichlorophenoxy acetic acid (2,4-D) (ug/L) - TW2	2018/01/29	<MDL 0.19	100.00	No	No
Didlofop-methyl (ug/L) - TW2	2018/01/29	<MDL 0.4	9.00	No	No
Dimethoate (ug/L) - TW2	2018/01/29	<MDL 0.03	20.00	No	No
Diquat (ug/L) - TW2	2018/01/29	<MDL 1.0	70.00	No	No
Diuron (ug/L) - TW2	2018/01/29	<MDL 0.03	150.00	No	No
Glyphosate (ug/L) - TW2	2018/01/29	<MDL 1.0	280.00	No	No
Malathion (ug/L) - TW2	2018/01/29	<MDL 0.02	190.00	No	No
Metolachlor (ug/L) - TW2	2018/01/29	<MDL 0.01	50.00	No	No
Metribuzin (ug/L) - TW2	2018/01/29	<MDL 0.02	80.00	No	No
Monochlorobenzene (Chlorobenzene) (ug/L) - TW2	2018/01/29	<MDL 0.3	80.00	No	No
Paraquat (ug/L) - TW2	2018/01/29	<MDL 1.0	10.00	No	No
PCB (ug/L) - TW2	2018/01/29	<MDL 0.04	3.00	No	No
Pentachlorophenol (ug/L) - TW2	2018/01/29	<MDL 0.15	60.00	No	No
Phorate (ug/L) - TW2	2018/01/29	<MDL 0.01	2.00	No	No
Picloram (ug/L) - TW2	2018/01/29	<MDL 1.0	190.00	No	No
Prometryne (ug/L) - TW2	2018/01/29	<MDL 0.03	1.00	No	No
Simazine (ug/L) - TW2	2018/01/29	<MDL 0.01	10.00	No	No
Terbufos (ug/L) - TW2	2018/01/29	<MDL 0.01	1.00	No	No
Tetrachloroethylene (ug/L) - TW2	2018/01/29	<MDL 0.35	10.00	No	No
2,3,4,6-Tetrachlorophenol (ug/L) - TW2	2018/01/29	<MDL 0.2	100.00	No	No
Triallate (ug/L) - TW2	2018/01/29	<MDL 0.01	230.00	No	No
Trichloroethylene (ug/L) - TW2	2018/01/29	<MDL 0.44	5.00	No	No
2,4,6-Trichlorophenol (ug/L) - TW2	2018/01/29	<MDL 0.25	5.00	No	No
2-methyl-4-chlorophenoxyacetic acid (MCPA) (ug/L) - TW2	2018/01/29	<MDL 0.12	100.00	No	No
Trifluralin (ug/L) - TW2	2018/01/29	<MDL 0.02	45.00	No	No
Vinyl Chloride (ug/L) - TW2	2018/01/29	<MDL 0.17	1.00	No	No

Note: Sample required every 36 months (sample date = Jan. 29, 2018). Next sampling scheduled for January 2021.

Inorganic or Organic Test Results that Exceeded Half the Standard Prescribed in Schedule 2 of the Ontario Drinking Water Quality Standards.

No inorganic or organic parameter(s) listed in Schedule 23 and 24 of Ontario Regulation 170/03 exceeded half the standard found in Schedule 2 of the Ontario Drinking Water Standard (O. Reg. 169/03) during the reporting period.



Most Recent Sodium Data Sampled at the Water Treatment Plant

Date of Sample	# of Samples	Result Value	Unit of Measure	Standard	Exceedance
February 27, 2017	1	9.35	mg/L	20	No

Note: Sample required every 60 months. Next sampling scheduled for February 2022.

Most Recent Fluoride Data Sampled at the Water Treatment Plant

Date of Sample	# of Samples	Result Value	Unit of Measure	Standard	Exceedance
January 14, 2019	1	0.24	mg/L	1.5	No

Note: Sample required every 60 months. Next sampling scheduled for January 2024.

Summary of Additional Testing Performed in Accordance with a Legal Instrument.

No additional sampling and testing was required for the Powassan DWS during the 2019 reporting period.



Powassan Drinking Water System

Schedule 22

2019 SUMMARY REPORT

FOR MUNICIPALITIES



Schedule 22 - SUMMARY REPORTS FOR MUNICIPALITIES

1.0 Introduction

Drinking-Water System Name:	POWASSAN DRINKING WATER SYSTEM
Municipal Drinking Water Licence (MDWL) No.:	266-101-2 (issued April 18, 2016)
Drinking Water Work Permit (DWWP) No.:	266-201-2 (issued April 18, 2016)
Permit to Take Water (PTTW) No.:	7346-8VFJKR (issued June 21, 2012)
Period being reported:	January 1, 2019 to December 31, 2019

2.0 Requirements the System Failed to Meet

The last MECP inspection report dated December 17, 2019 identified the following non-compliance items. There were three non-compliance items noted in inspection report from 2019.

Also, it should be noted that, one (1) adverse water quality incidents were reported to the MOE's Spills Action Center. Refer to *Section 6.0 – Details on Notices of Adverse Test Results and Other Problems Reported to & Submitted to the Spills Actions Center* on page 6 of this report for details.

Issue Identified in Report/Order	Required Action or Recommendation Identified in Report/Order	Resp. for Action Item? (Client, OCWA, Joint)	Issue Analysis	Status (Complete or In Progress)
1. The secondary disinfectant residual was not measured as required for the distribution system. Subsection 7-2(3) of Schedule 7 of O. Reg. 170/03 requires that the owner of a large municipal residential system that provides secondary disinfection and the operating authority for the system must ensure that at least seven distribution samples are taken each week and are tested immediately for free chlorine residual. Unless at least one sample is taken on each day of the week, at least four of the samples must be taken on one day of the week, at least 48 hours after the last sample was taken in the previous week. At least three of the samples must be taken on a second day of the week, at least 48 hours after the last sample was taken. In the week of December 1 to 7, 2019, the last sample of the first set of samples was collected and tested for chlorine residual on	Action(s) Required: During the preparation of this inspection report, the operating authority provided written documentation that the operator who measured free chlorine residuals on December 5, 2019 received training on the requirements of Subsection 7-2(3) of Schedule 7 of O. Reg. 170/03 on December 19, 2019. No further action required.	OCWA	Operator was returning from rounds and was asked to perform second round of distribution free chlorine residuals. Operator did not have access to the round sheet and was unaware of the last time residuals were taken on December 3. Secondary Disinfection Residual Sampling Requirements SOP was	Complete



December 3, 2019 at 14:10 hours. The first sample in the second set of samples was collected on December 5, 2019 at 11:30 hours, which is 45 hours and 20 minutes.			reviewed by Operator and in future, round sheet will be obtained prior to second round of residuals.	
<p>2. All continuous monitoring equipment utilized for sampling and testing required by O. Reg.170/03, or Municipal Drinking Water Licence or Drinking Water Works Permit or order, were not equipped with alarms or shut-off mechanisms that satisfy the standards described in Schedule 6.</p> <p>Section 6-5(1)5 of Schedule 6 of O. Reg. 170/03 requires that where an automatic shut-off mechanism is not used on a continuous monitoring equipment, in addition to alarming when the test result for a parameter is outside the range prescribed in the table to Schedule 6-5, the continuous monitoring equipment must cause an alarm to signal if the analyzer loses power or malfunctions so that an operator can be immediately alerted and take appropriate action. The operating authority informed the inspecting officer on December 30, 2019 that in the period from 17:45 on December 29, 2019 to 09:45 on December 30, 2019, the continuous online analyzer was not operating during this period due to back-up power supply failure. There was no alarm or shut down of the well pumps during the period the continuous chlorine analyzer was without power.</p>	<p>Action(s) Required: The operating authority informed the inspecting officer on February 10, 2020 that programming updates to the continuous free chlorine analyzer/PLC so that the well pumps will shut down and generate a low free chlorine residual alarm to the on call operator on loss of electrical power and instrument fault of the compliance free chlorine analyzer.</p> <p>No further action required.</p>	OCWA	On February 7, 2020 Instrument Technician/Electrician visited Powassan Well House and preformed programming updates which will allow the free chlorine analyzer to lockout well pump and generate low free chlorine residual alarm in the event of power loss and instrument fault.	Complete
<p>3. Continuous monitoring equipment that was being utilized to fulfill O. Reg. 170/03 requirements was not performing tests for the parameters with at least the minimum frequency specified in the Table in Schedule 6 of O. Reg. 170/03 and/or was not recording data with the prescribed format.</p> <p>Subsection 6-5(1) of Schedule 6 of O. Reg. 170/03 specifies that if a drinking water system uses continuous monitoring equipment for sampling and testing that is required under this Regulation for free chlorine residual</p>	<p>Action(s) Required: The operating authority informed the inspecting officer on February 10, 2020 that low lift pump lockdown and alarm have been enabled in the event of loss of power or instrument fault of the continuous free chlorine analyzer. This setting will prevent flow of treated water to the distribution system when regulatory testing of free chlorine</p>	OCWA	On February 7, 2020 Instrument Technician/Electrician visited Powassan Well House and preformed programming updates which will allow the free chlorine analyzer to lockout well pump and	Complete



required to achieve primary disinfection, the owner of the system and the operating authority for the system shall ensure the continuous monitoring equipment must, except when no water is being directed to users of water, test for free chlorine residual with at least the minimum frequency specified in the Table for the parameter, and record the date, time, sampling location and result of every test for free chlorine residual with at least the minimum frequency required for the drinking water system. Table in Subsection 6-5(1) sets the minimum required testing and recording frequency for free chlorine residual required to achieve primary disinfection at 5 minutes. The operating authority informed the inspecting officer on December 30, 2019 that in the period from 17:45 on December 29, 2019 to 09:45 on December 30, 2019, the continuous online analyzer was not operating during this period due to back-up power supply failure. According to the incident report provided by the operating authority, there were three pumping cycles into the distribution system while chlorine pumps were dosing chlorine but the chlorine analyzer was not testing and recording the free chlorine residual.	residual at the location where disinfection has been achieved is not being performed every 5 minutes. No further action required.		generate low free chlorine residual alarm in the event of power loss and instrument fault. This update will also prevent the data issue, as the well pumps will lockout and no water will be directed to distribution in the event the free chlorine residual analyzer fails, due to power loss or instrument fault.	
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3.0 Summary of Quantities and Flow Rates

Flow Monitoring

MDWL No. 266-101 requires the owner to install a sufficient number of flow measuring devices to permit the continuous measurement and recording of:

- the flow rate and daily volume of treated water that flows from the treatment subsystem the distribution system, and
- the flow rate and daily volume of water that flows into the treatment subsystem.

The flow monitoring equipment identified in the MDWL is present and operating as required. The flow meter is calibrated on an annual basis as specified in the manufacturers' instructions.



Powassan Drinking Water System – 2019 Annual/Summary Report

Water Usage

The following water usage tables summarize the quantities and flow rates of water taken and produced during the 2019 reporting period, including total monthly volumes, average monthly volumes, maximum monthly volumes, and maximum flow rates.

Raw Water

2019 - Monthly Summary of Water Takings from the Source (Well #1)

Regulated by Permit to Take Water (PTTW) #7346-8VFJKR, Issued June 21, 2012

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year to Date
Total Volume (m ³)	5955	6341	6323	12775	11197	6402	6688	6371	5610	5637	5554	5494	84346
Average Volume (m ³ /d)	192	226	204	426	361	213	216	206	187	182	185	177	231
Maximum Volume (m ³ /d)	313	492	273	503	474	719	316	292	256	273	258	320	719
PTTW - Maximum Allowable Volume (m ³ /day)	1313	1313	1313	1313	1313	1313	1313	1313	1313	1313	1313	1313	1313
Maximum Flow Rate (L/min)	901	903	894	892	890	891	886	894	896	898	901	890	903
PTTW - Maximum Allowable Flow Rate (L/min)	912	912	912	912	912	912	912	912	912	912	912	912	912

2019 - Monthly Summary of Water Takings from the Source (Well #2)

Regulated by Permit to Take Water (PTTW) #7346-8VFJKR, Issued June 21, 2012

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year to Date
Total Volume (m ³)	6120	5232	7707	98	2248	5796	5989	5974	5524	5327	5184	5179	60377
Average Volume (m ³ /d)	197	187	249	3	73	193	193	193	184	172	173	167	165
Maximum Volume (m ³ /d)	327	258	1187	96	320	286	246	271	284	250	257	257	1187
PTTW - Maximum Allowable Volume (m ³ /day)	1313	1313	1313	1313	1313	1313	1313	1313	1313	1313	1313	1313	1313
Maximum Flow Rate (L/min)	907	908	905	853	904	885	869	866	875	868	911	906	911
PTTW - Maximum Allowable Flow Rate (L/min)	912	912	912	912	912	912	912	912	912	912	912	912	912

2019 - Monthly Summary of Combined Water Takings from the Source (Well #1 and Well #2)

Regulated by Permit to Take Water (PTTW) #7346-8VFJKR, issued June 21, 2012

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year to Date
Total Volume (m ³)	12075	11573	14030	12873	13444	12198	12676	12345	11133	10964	10738	10673	144723
Average Volume (m ³ /d)	390	413	453	429	434	407	409	398	371	354	358	344	397
Maximum Volume (m ³ /d)	497	618	1187	503	590	856	483	504	450	410	421	447	1187
PTTW - Maximum Allowable Volume (m ³ /day)	1313	1313	1313	1313	1313	1313	1313	1313	1313	1313	1313	1313	1313

The system's Permit to Take Water #7346-8VFJKR, allows the Municipality to withdraw water at the following rates:

Well No. 1: 1313.28 m³/day / 912 L/minute

Well No. 2: 1313.28 m³/day / 912 L/minute

Total Combined Daily Volume: 1313.28 m³/day



The system's Permit to Take Water #7346-8VFJKR allows the municipality to withdraw a maximum volume of 1313.28 cubic meters from each well each day with a maximum of 1313.28 cubic meters per day combined. A review of the raw water flow data indicates that the system never exceeded this allowable limit having a maximum volume of 1187 m³ in March 2019. The Permit also allows a maximum flow rate of 912 L/minute. At no point during the reporting period did the system exceed this rate having a maximum recorded flow of 911 L/minute in November 2019.

Treated Water

Table B - Treated Water Usage

2019 - Monthly Summary of Treated Water Supplied to the Distribution System

Regulated by Municipal Drinking Water Licence (MDWL) #266-101 - Issue 2, issued April 18, 2016

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year to Date
Total Volume (m ³)	12075	11573	14030	12873	13444	12198	12676	12345	11133	10964	10738	10673	144723
Average Volume (m ³ /d)	390	413	453	429	434	407	409	398	371	354	358	344	397
Maximum Volume (m ³ /d)	497	618	1187	503	590	856	483	504	450	410	421	447	1187
MDWL - Rated Capacity (m ³ /day)	1313	1313	1313	1313	1313	1313	1313	1313	1313	1313	1313	1313	1313

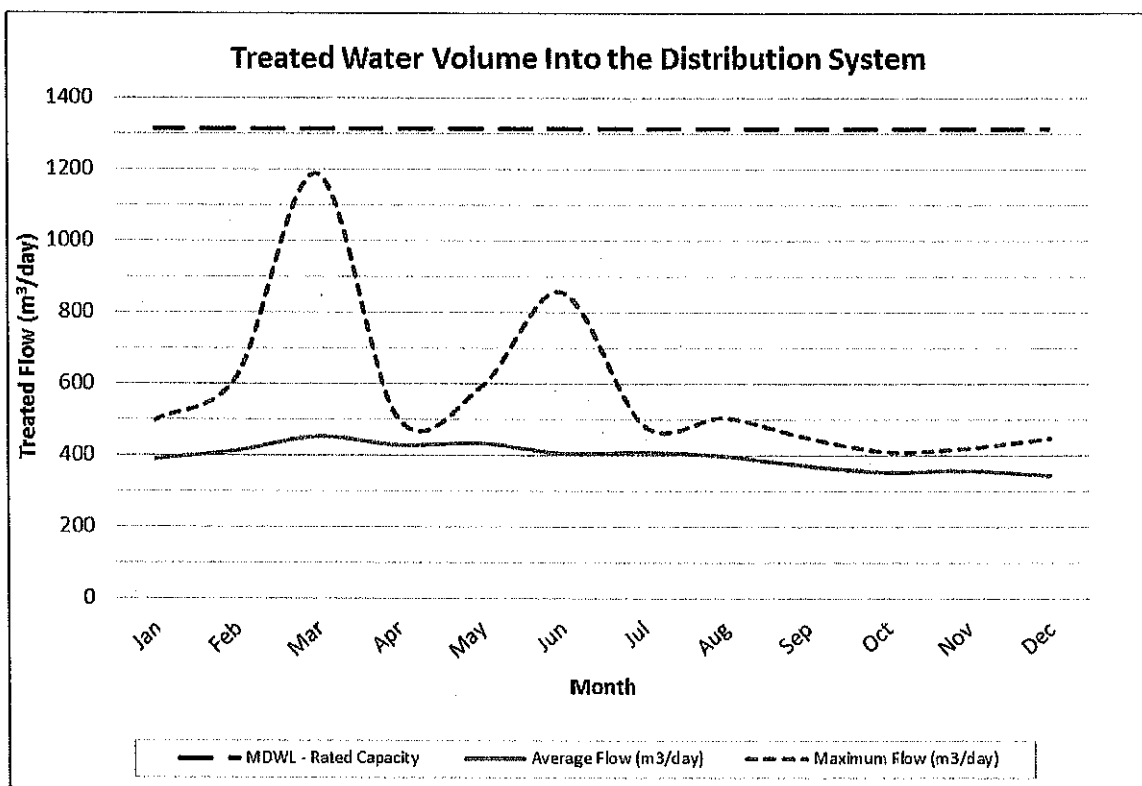
Schedule C, Section 1.1 of MDWL No. 266-101 states that the maximum daily volume of treated water that flows from the treatment subsystem to the distribution system shall not exceed a maximum flow rate of 1313 m³/day. The Powassan DWS complied with this limit having a recorded maximum volume of 1187 m³ in March 2019, which is 90.4% of the rated capacity.

Figure 1 compares the average and maximum flow rates into the distribution system to the rated capacity of the system identified in the MDWL. This information enables the Owner to assess the system's existing and future planned water usage needs.

Comparison of the Flow Summary to the Systems Licence & Permit

Rated Capacity of the Plant (MDWL)	1313 m ³ /day	
Average Daily Flow for 2019	397 m ³ /day	30.2% of the rated capacity
Maximum Daily Flow for 2019	1187 m ³ /day	90.4% of the rated capacity
Total Treated Water Produced in 2019	144,723 m ³	

The Powassan Water Treatment Plant is rated to produce 1313 cubic meters of water per day as specified in the system's Municipal Drinking Water Licence. The average daily flow was 397 m³ per day, which is 30.2% of the rated capacity. This information clearly shows that the plant is well within its rated capacity and is able to meet current demands of consumers.



CONCLUSION

In 2019, the Powassan DWS provided safe and reliable drinking water to the community of Powassan. The system complied with the regulatory requirements of the Safe Drinking Water Act and its Regulations and met the terms and conditions outlined in its site specific drinking water works permit and municipal drinking water licence with the exception of three non-compliance issues during the reporting period. Three non-compliance items were identified during the annual MECP inspection on December 17, 2019. Furthermore, the Powassan DWS had one adverse water quality incidents reported to the MOE's Spills Action Centre.

APPENDIX A

Monthly Summary of Microbiological Test Results

Powassan Drinking Water System
Monthly Summary of Microbiological Test Results

From: 01/01/2018 to 31/03/2019

Report generated 01/14/2020 13:34

6033
20020578
POWASSAN DRINKING WATER SYSTEM
Municipality: Municipality of Powassan
Facility Name:
Facility Owner:
Facility Classification:
Test Design Capacity:

	01/2018	02/2018	03/2018	04/2018	05/2018	06/2018	07/2018	08/2018	09/2018	10/2018	11/2018	12/2018	Total	Avg	Max	Min
Disinfection / E Coli - cfu/100mL																
Count Lab	15	12	10	15	12	12	12	12	12	12	12	12	144		15	0
Mean Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Min Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Max Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Disinfection / HPC - cfu/mL																
Count Lab	5	4	5	5	4	4	5	4	5	4	4	5	54		5	0
Mean Lab	1	2	0	0	0	0	0	0	0	0	1	2	1		2	0
Min Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Max Lab	0.2	0.75	0	0	0	0	0	0	0	0.25	0.5	0.2	0.148		0.2	0
Disinfection / Total Coliform: TC - cfu/100mL																
Count Lab	15	12	10	15	12	12	12	12	12	12	12	12	144		15	0
Mean Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Min Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Max Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Raw Water / E Coli: EC - cfu/100mL																
Count Lab	5	4	4	5	4	4	5	4	5	4	4	5	53		5	0
Mean Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Min Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Max Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Raw Water / Total Coliform: TC - cfu/100mL																
Count Lab	5	4	4	5	4	4	5	4	5	4	4	5	53		5	0
Mean Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Min Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Max Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Raw Water / E Coli: EC - cfu/100mL																
Count Lab	5	4	4	5	4	4	5	4	5	4	4	5	53		5	0
Mean Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Min Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Max Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Raw Water / Total Coliform: TC - cfu/100mL																
Count Lab	5	4	4	5	4	4	5	4	5	4	4	5	53		5	0
Mean Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Min Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Max Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Raw Water / E Coli: EC - cfu/100mL																
Count Lab	5	4	4	5	4	4	5	4	5	4	4	5	53		5	0
Mean Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Min Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Max Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Raw Water / Total Coliform: TC - cfu/100mL																
Count Lab	5	4	4	5	4	4	5	4	5	4	4	5	53		5	0
Mean Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Min Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Max Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Raw Water / E Coli: EC - cfu/100mL																
Count Lab	5	4	4	5	4	4	5	4	5	4	4	5	53		5	0
Mean Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Min Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Max Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Raw Water / Total Coliform: TC - cfu/100mL																
Count Lab	5	4	4	5	4	4	5	4	5	4	4	5	53		5	0
Mean Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Min Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Max Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Raw Water / E Coli: EC - cfu/100mL																
Count Lab	5	4	4	5	4	4	5	4	5	4	4	5	53		5	0
Mean Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Min Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Max Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Raw Water / Total Coliform: TC - cfu/100mL																
Count Lab	5	4	4	5	4	4	5	4	5	4	4	5	53		5	0
Mean Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Min Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Max Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Raw Water / E Coli: EC - cfu/100mL																
Count Lab	5	4	4	5	4	4	5	4	5	4	4	5	53		5	0
Mean Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Min Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Max Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Raw Water / Total Coliform: TC - cfu/100mL																
Count Lab	5	4	4	5	4	4	5	4	5	4	4	5	53		5	0
Mean Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Min Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Max Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Raw Water / E Coli: EC - cfu/100mL																
Count Lab	5	4	4	5	4	4	5	4	5	4	4	5	53		5	0
Mean Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Min Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Max Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Raw Water / Total Coliform: TC - cfu/100mL																
Count Lab	5	4	4	5	4	4	5	4	5	4	4	5	53		5	0
Mean Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Min Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Max Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Raw Water / E Coli: EC - cfu/100mL																
Count Lab	5	4	4	5	4	4	5	4	5	4	4	5	53		5	0
Mean Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Min Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Max Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Raw Water / Total Coliform: TC - cfu/100mL																
Count Lab	5	4	4	5	4	4	5	4	5	4	4	5	53		5	0
Mean Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Min Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Max Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Raw Water / E Coli: EC - cfu/100mL																
Count Lab	5	4	4	5	4	4	5	4	5	4	4	5	53		5	0
Mean Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Min Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Max Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Raw Water / Total Coliform: TC - cfu/100mL																
Count Lab	5	4	4	5	4	4	5	4	5	4	4	5	53		5	0
Mean Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Min Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Max Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Raw Water / E Coli: EC - cfu/100mL																
Count Lab	5	4	4	5	4	4	5	4	5	4	4	5	53		5	0
Mean Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Min Lab	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
Max Lab	0	0	0	0	0	0	0	0	0	0	0	0				

APPENDIX B

Monthly Summary of Operational Data

Report extracted 02/05/2020 14:54

Facility Org Number:
Facility Works Number:
Facility Name:
Facility Owner:
Facility Classification:
Total Design Capacity:

6033
220000576
POWASSAN DRINKING WATER SYSTEM
Municipality: Municipality Of Powassan
Class 1 Water Treatment
1313.0 m3/day

Powassan Drinking Water System
Monthly Summary of Operational Data
From: 01/01/2019 to 31/12/2019

	01/2019	02/2019	03/2019	04/2019	05/2019	06/2019	07/2019	08/2019	09/2019	10/2019	11/2019	12/2019	Total	Avg	Max	Min
Distribution / CI Residual: Free DW1 - mg/L																
Count IH	9	8	8	9	9	8	10	9	9	9	8	9	105			
Total IH	14.89	14.51	13.8	15.78	13.26	13.19	14.26	12.16	12.3	13.75	13.69	16.47	167.86			
Max IH	2.06	2.07	1.98	2.5	1.83	1.81	1.78	1.66	1.79	2	2.01	1.91			2.5	
Mean IH	1.632	1.814	1.725	1.753	1.473	1.649	1.426	1.351	1.367	1.528	1.711	1.83		1.599		
Min IH	1.03	1.62	0.93	1.22	0.92	1.22	0.84	0.92	0.74	1	1.27	1.7				0.74
Distribution / CI Residual: Free DW2 - mg/L																
Count IH	9	8	8	9	9	8	10	9	9	9	8	9	105			
Total IH	13.17	12.86	13.06	14.64	13.87	10.91	15.32	13.63	13.33	15.71	13.21	16.29	166.61			
Max IH	2.05	1.94	1.92	2.6	1.68	1.77	1.76	1.51	1.76	1.97	1.651	1.97			2.6	
Mean IH	1.463	1.408	1.708	1.627	1.541	1.364	1.532	1.514	1.481	1.746	1.651	1.81		1.567		
Min IH	0.76	0.59	1.27	1.12	1.08	0.64	0.95	0.63	0.89	1.13	0.81	1.63				0.59
Distribution / CI Residual: Free DW3 - mg/L																
Count IH	9	8	8	9	9	8	10	9	9	9	8	9	105			
Total IH	15	13.74	14.13	15.85	13.13	12.63	15.85	15.1	14.82	16.09	13.3	15.95	175.59			
Max IH	1.86	1.87	2.19	2.5	1.75	1.89	1.81	1.82	1.82	1.93	1.91	2			2.5	
Mean IH	1.667	1.718	1.766	1.761	1.459	1.579	1.585	1.678	1.647	1.788	1.663	1.772		1.672		
Min IH	1.43	1.44	1.37	1.3	0.9	1.43	1.12	1.57	1.46	1.66	0.9	1.42				0.9
Distribution / CI Residual: Free DW4 - mg/L																
Count IH	5	4	4	5	4	4	5	4	6	7	4	5	57			
Total IH	7.81	5.88	6.4	7.91	5.37	6.57	8.45	6.69	8.99	11.95	6.8	7.67	90.29			
Max IH	1.66	1.79	1.85	1.72	1.6	1.79	1.86	1.73	1.83	2.04	1.8	1.89			2.04	
Mean IH	1.562	1.42	1.6	1.562	1.343	1.642	1.69	1.673	1.498	1.707	1.7	1.534		1.584		
Min IH	1.29	0.96	1.37	1.53	1.03	1.45	1.53	1.62	0.61	1.11	1.45	1.06				0.36
Raw Well 1 / Turbidity - NTU																
Count IH	5	4	4	5	4	4	5	4	4	4	4	5	53			
Total IH	0.54	0.8	1.34	0.55	0.52	0.69	0.79	0.82	0.45	0.39	0.47	0.57	7.43			
Max IH	0.18	0.22	1	0.14	0.17	0.18	0.29	0.19	0.18	0.11	0.15	0.16			1	
Mean IH	0.108	0.15	0.335	0.11	0.13	0.148	0.158	0.124	0.113	0.098	0.118	0.114		0.14		
Min IH	0.01	0.11	0.1	0.09	0.09	0.11	0.1	0.08	0.07	0.08	0.09	0.09				0.01
Raw Well 2 / Turbidity - NTU																
Count IH	5	4	4	1	2	4	5	3	4	4	4	5	45			
Total IH	0.65	0.57	0.6	0.27	0.31	0.72	0.87	0.42	0.5	0.52	0.51	0.73	6.67			
Max IH	0.15	0.19	0.27	0.16	0.32	0.16	0.32	0.28	0.19	0.17	0.15	0.18			0.32	
Mean IH	0.13	0.143	0.15	0.27	0.155	0.18	0.174	0.14	0.125	0.13	0.128	0.146		0.148		
Min IH	0.09	0.13	0.12	0.27	0.15	0.12	0.12	0.1	0.09	0.12	0.1	0.11				0.09
Treated Water / CI Residual: Free Min = 0.45 - mg/L																
Count IH	2,409	4,064	3,361	2,801	2,549	2,366	2,106	3,278	2,409	2,578	2,326	4,999				
Max OL	1,948	2,014	1,924	1,906	1,678	1,774	1,733	1,743	1,83	1,985	1,973	1,902		1,868		
Min OL	1,475	1,146	1,054	1,274	0,995	1,021	0,851	1,236	1,235	0,963	1,455	1,04				0.851

2170640 ONTARIO LIMITED
118 HIGHWAY 534
POWASSAN, ON
P0H 1Z0
PH: 705-724-5602 / Fx: 705-724-6181

February 20, 2020

The Municipality of Powassan
466 Main Street
Powassan, ON
P0H 1Z0

Re: Request for the partial use of Oakwood Road and McCharles Line during the load restriction season, at a full load capacity.

Dear Council,

Please accept this letter as a request to council for their consideration.

As you may be aware, we own a gravel pit that is located on Oakwood Road in the Municipality of Powassan (former Township of Himsforth South). We are looking to obtain approval that will allow our trucks to haul at a full load capacity during the load restriction season for a portion of Oakwood Road, and McCharles Line. More specifically, from the entrance of our pit, south on Oakwood Road, east on McCharles, out to Highway 11. Having unrestricted use of these partial roads would give access to Highway 11 year-round, enabling our work season to get underway earlier.

I respect why the load restriction policy is put in place each year, however please take into consideration the roads within the Municipality that are not restricted at any time. These roads include Latour Crescent and Chiswick Line. They have portions of them that are not restricted, which allows the Business' on those roads (Quality Hardwoods & J&J Machine Repair) to operate at full capacity year-round. We would like to re-assure council that if any damage occurs to these sections of Oakwood Road and/or McCharles Line due to the use of Evan Hughes Excavating during the restricted period, repairs will be made to bring the road back to its current state. Road repairs if required will be at Evan Hughes Excavating's expense, there will be no cost to The Municipality of Powassan.

I have always been and will continue to be a strong supporter of Powassan and I take great pride in being a member of this Community.

Your consideration is appreciated.

Regards,



Evan Hughes
2170640 Ontario Limited
Evan Hughes Excavating

DATE OF COUNCIL MTG.	March 3/20
AGENDA ITEM #	12.3

Paul and Sue Oshell
655 Valleyview Drive W
Powassan, ON
POH 1Z0
705-724-5642 (H)
705-724-2686 (W)

RECEIVED
FEB 28 2020
The Municipality of Powassan

February 27, 2020

Municipality of Powassan
250 Clark Street
Powassan, ON
POH 1Z0

Mayor and Council:

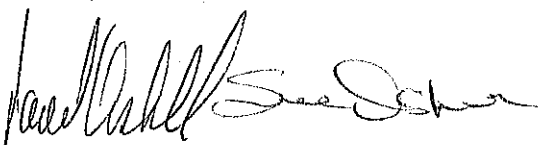
We would like to construct a new garage next to our home at 655 Valleyview Dr W. However, as you may or may not be aware, we have discovered that there is an issue with our property. We own two adjoining lots, Part Lot 14 RP 42R11750- Part 3 (66'x200') and Part 2 (29'x200') which unfortunately is considered two separate lots as the titles were not merged under the Planning Act when transferred back in 1999. Our plan was to build the garage on Part 2, however, we have been informed that this is not possible as it contravenes the current zoning by-law Section 3.1 whereby an accessory building can only be constructed where there is a principle dwelling.

As such, we have consulted with the North Almaguin Planning Board, as well as several lawyers, and have been advised that it is possible to have the two properties merged which would eliminate the zoning by-law issue. The process would require us to convey a small piece (usually 1'x1' or some configuration as the municipality may dictate) of each lot to the Municipality of Powassan. If the Municipality is in agreement with this process, we would need to have the property surveyed and have the parts on a Reference Plan deposited with the Land Registry Office. Once this is completed, deeds would be prepared to transfer the pieces to the Municipality of Powassan and this would result in our two lots being merged.

We would greatly appreciate your consideration of passing a resolution to accept the two small pieces of our properties. This would solve our zoning by-law issue and enable us to apply for a building permit to construct our garage.

If you require any further information or would like to speak to us regarding this request please feel free to contact us at any time.

Thank you



Paul and Sue Oshell

DATE OF COUNCIL MTG.	March 3/2020
AGENDA ITEM #	12-4

THIS PLAN IS NO
THE MEANING OF

PART 3, 42R-2850

PART 2, 42R-2850

LOT 13

PART 1
LOT 4
INSTRUMENT 50061

INSTRUMENT 52340
PART 1, 42R-2850

PROPOSED
GARAGE

FENCE CORNER
(42R-2976)

LOT 4
INSTRUMENT 50061

FOUND IB (42R-2976)
REPLACED WITH SIB

SIB (WIT)
(PSR-1994)

N68°16'00"E

198.00'

SIB (WIT)
(PSR-1994)

PART 2

N68°18'30"E

200.00'

N68°18'30"E

200.00'

INSTRUMENT 105712

LOT 14

PART 3

N68°18'30"E

200.00'

LOT 15
INSTRUMENT 65028
CURRENT HOUSE

EASEMENT
22.49'

N 21° 41' 30" W
FENCE
WIRE
POST AND

N 21° 41' 30" W
IB (42R-2976)

1476.66' (NEWLANDS, O.L.S.)

BELL TELEPHONE
INSTRUMENT

1477.00' (REG.)

SIB
(NEWLANDS, O.L.S.)

ALLOWANCE FOR ROAD BETWEEN LOTS 15 and 16

LOT 15

REGISTRAR'S COMPILED
PLAN 334

S.E. CORNER
LOT 16, CON. 13

Prepared for
Municipality of Powassan
250 Clark Street
Powassan, ON
Canada, P0H 1Z0

Prepared by
Knight Piésold Ltd.
1650 Main Street West
North Bay, Ontario
Canada, P1B 8G5

NB102-309/12-1

LANDFILL SITE

2019 ANNUAL LANDFILL WATER QUALITY MONITORING REPORT

Rev	Description	Date
0	Issued in Final	February 25, 2020

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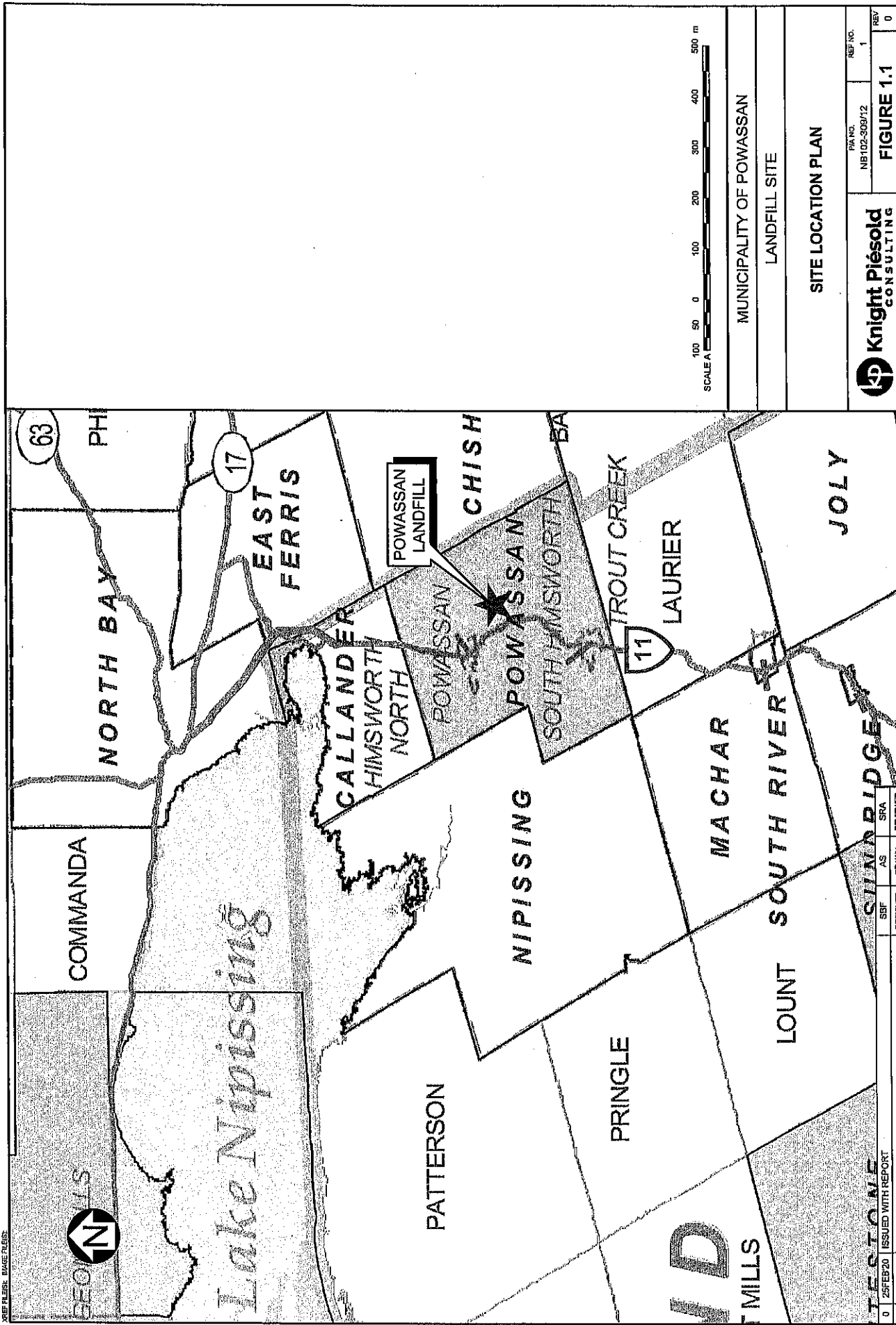
the Landfill	Powassan Landfill
AO	Aesthetic Objective
CoA	Certificate of Approval
COC	Chain of Custody
COD	Chemical Oxygen Demand
DO	Dissolved Oxygen
DOC	Dissolved Organic Carbon
IMAC	Interim Maximum Acceptable Concentration
KP	Knight Piésold Ltd.
LEL	Lower Explosive Limit
m amsl	metres above mean sea level
m bgs	Metres Below Ground Surface
MAC	Maximum Acceptable Concentration
MOE	Ministry of the Environment
MOECC	Ministry of the Environment and Climate Change
MECP	Ministry of Environment, Conservation and Parks
ODWS	Ontario Drinking Water Standards
OG	Operational Guideline
ORP	Oxidation-Reduction Potential
PWQO	Provincial Water Quality Objectives
QA/QC	Quality Assurance/Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference
RUG	Reasonable Use Guidelines
SGS	Canada Inc.
TDS	Total Dissolved Solids

1.0 INTRODUCTION

Knight Piésold Ltd. (KP) was retained by the Municipality of Powassan to prepare the 2019 Powassan Landfill (the Landfill) Water Quality Monitoring Report. The Landfill is located approximately 35 kilometres south of the City of North Bay on 40 Proudfoot Road (Figure 1.1). Water quality monitoring is conducted at the Landfill in compliance with Ministry of the Environment (MOE) Certificate of Approval (CoA) No. A521701 (MOE, 2001). A copy of the CoA (and subsequent amendments) can be found in Appendix A. The following is a summary of the monitoring program completed at the Landfill:

- **Groundwater Quality Monitoring** - Includes the collection, laboratory testing, and analysis of groundwater samples from 22 monitoring wells. This was completed three times in 2019 (spring, summer and fall), with no less than 60 days between sampling events. Hydraulic monitoring is also conducted in each monitoring well during each sampling event, along with 2 monitoring wells that are used exclusively for hydraulic monitoring. Groundwater samples were analyzed for parameters based on Column 1 of the Landfill Standards for summer and Column 2 for spring and fall (MOE, 2012). No sample was collected where wells were found to be dry. Tap water samples from two upstream residential properties were collected in the spring, summer and fall.
- **Methane Measurements** - Includes the measurement of methane gas concentrations from two methane monitoring wells in the spring, summer, and fall
- **Surface Water Sampling** - Includes the collection, laboratory testing and analysis of surface water samples from three sampling locations in the spring, summer and fall. The measured and analyzed field parameters are listed in Column 3 of the Landfill Standards (MOE, 2012).
- **Quality Assurance/Quality Control (QA/QC) Testing** - Includes the collection, laboratory testing and analysis of QA/QC samples. Duplicate samples were collected from approximately 10% of the sample locations for both groundwater and surface water.

Groundwater and surface water samples were analysed by SGS Canada Inc. (SGS) in Lakefield, Ontario.



2.0 SITE DESCRIPTION

2.1 SITE INFORMATION AND FEATURES

The Powassan Landfill has operated since approximately 1981. The Landfill covers an area of approximately 7.7 ha and is open to receiving waste from the community on Monday, Wednesday, Friday and Saturday throughout the year.

Site access is from Proudfoot Road through an entrance gate that is closed and locked outside of the Landfill operating hours. A small building for use as the attendant's shelter is present inside the Landfill footprint, near the entrance. A garage building, used for equipment storage, is located south of the main access road.

The Landfill is surrounded by a moderately forested area and is bordered by a railway to the east, private property to the north and Proudfoot Road and Highway 11 to the south and west, respectively. Photographs that provide a visual of the site conditions and the surrounding environment are included in Appendix B.

2.2 SITE TOPOGRAPHY AND DRAINAGE

The topography of the Site is moderate with a topographic high at the east property boundary. The topography near the landfilling area slopes generally from east to west, and northeast to southwest. The ground surface is relatively flat southwest of the Site.

Surface water on site is stagnant. A wetland is situated at the northwest extent of the Landfill. To the south and east, surface water drains through a ditch along Proudfoot Road. A tributary of McGillivray Creek travels through the buffer area at the south end of the property, approximately 300 metres south of the Landfill (Integrated Earth & Environmental Limited, 1998).

Surface water runoff within the landfilling area flows to the north and west, and sometimes collects within a low-lying area/pond.

2.3 SURFICIAL GEOLOGY

Monitoring wells are installed within the overburden at depths ranging from 2 to 23 metres below ground surface (mbgs). Monitoring wells are frequently installed in nested pairs or nested triples throughout the Landfill site as the presence of layered and fine grained (low conductivity) materials within the subsurface creates multiple conductive zones within the subsurface. Overburden at the Powassan Landfill has been described as a silty-sand to sand material, with occasional clay layers, which is characteristic of a glacial ground moraine deposit. Overburden overlies bedrock knobs of granitic bedrock (Integrated Earth & Environmental Limited, 1998).

2.4 WATER QUALITY MONITORING PROGRAM

The current environmental monitoring program consists of the collection of groundwater samples (including from two residential wells), surface water samples and methane measurements from two monitoring wells. Monitoring is conducted three times per year (spring, summer, and fall).

Groundwater samples are collected at 22 groundwater monitoring well locations within the Landfill footprint (shown on Figure 2.1) and from two private wells located to the south and east of the Landfill. Table 2.1 provides a summary of the monitoring well groundwater depth for each sampling event. Monitoring well MW17-01 (installed in May 2017) is located upgradient of the Landfill and was used to represent background water quality as a comparison to water quality within the Landfill footprint and downgradient. Monitoring wells MW18-01, MW18-02 and MW18-03 (installed in May 2018) are located along the property boundary from the west (MW18-01) to south (MW18-03). These wells were installed to assist with delineation of Landfill impact as well as provide additional hydraulic data. Due to MW17-01 being dry for one to two sampling events per year, monitoring well MW18-03, which has similar water quality to MW17-01, has been chosen to replace MW17-01 as the background monitoring well.

Methane concentrations are measured on site at monitoring wells MMW1 and MMW2, located near an on-site garage, to monitor for the generation of methane as the Landfill ages, and to assess the potential for buildup of methane within the garage building. At each monitoring location, the air composition (oxygen, nitrogen, methane) is measured, as well as the lower explosive limit (LEL) for methane.

Three surface water sites were sampled in the spring, summer, and fall in 2019. The locations of these sites are shown on Figure 2.1. Site SW-3, located upstream of the Landfill, is considered representative of background or natural (not influenced by the Landfill) surface water.

2.5 ASSESSMENT PROCESS

Municipal solid wastes are defined as those wastes generated and discharged from single and multifamily dwellings. Waste commonly consists of food waste, textiles, wood and soil, garden waste, paper and plastics. This waste contains decomposable and non-decomposable materials. The decomposable materials undergo decomposition by a combination of chemical, physical, and biological processes. The by-products of this decomposition, when mixed with water, produces a leachate, which may negatively affect water quality. The resulting leachate can often contain characteristic elevated parameters (chloride, conductivity, biological oxygen demand, chemical oxygen demand (COD)) which are collectively referred to as leachate indicator parameters. Leachate indicator parameters can also include altered concentrations of redox sensitive elements such as dissolved oxygen (DO), oxidation-reduction potential (ORP), iron, manganese, and nitrates which occur based on an elevated concentration of organics.

The general assessment process to determine impacts to groundwater consist of an evaluation of the characteristics of the leachate, the background water quality, and an evaluation of whether the downgradient wells are indicating impacts.

Landfill impacts are typically offset through a mechanism known as natural attenuation. Most rural landfills (including the Powassan Landfill) contain buffer areas that promote the assimilation of landfill wastes through dilution, and biological (microbial) interactions.

Groundwater monitoring well MW18-03 is considered representative of background water quality as the well is located away from the waste fill area. Monitoring wells MW10-IIR-2013 and MW11-II are considered representative of leachate impacted groundwater, as the wells are located within the waste fill area.

The current monitoring program includes the evaluation of the Landfill impacts to surface water quality by examining surface water locations upstream and downstream of the Landfill.

Nearby residential wells are also monitored for landfill leachate indicators and water quality parameters.

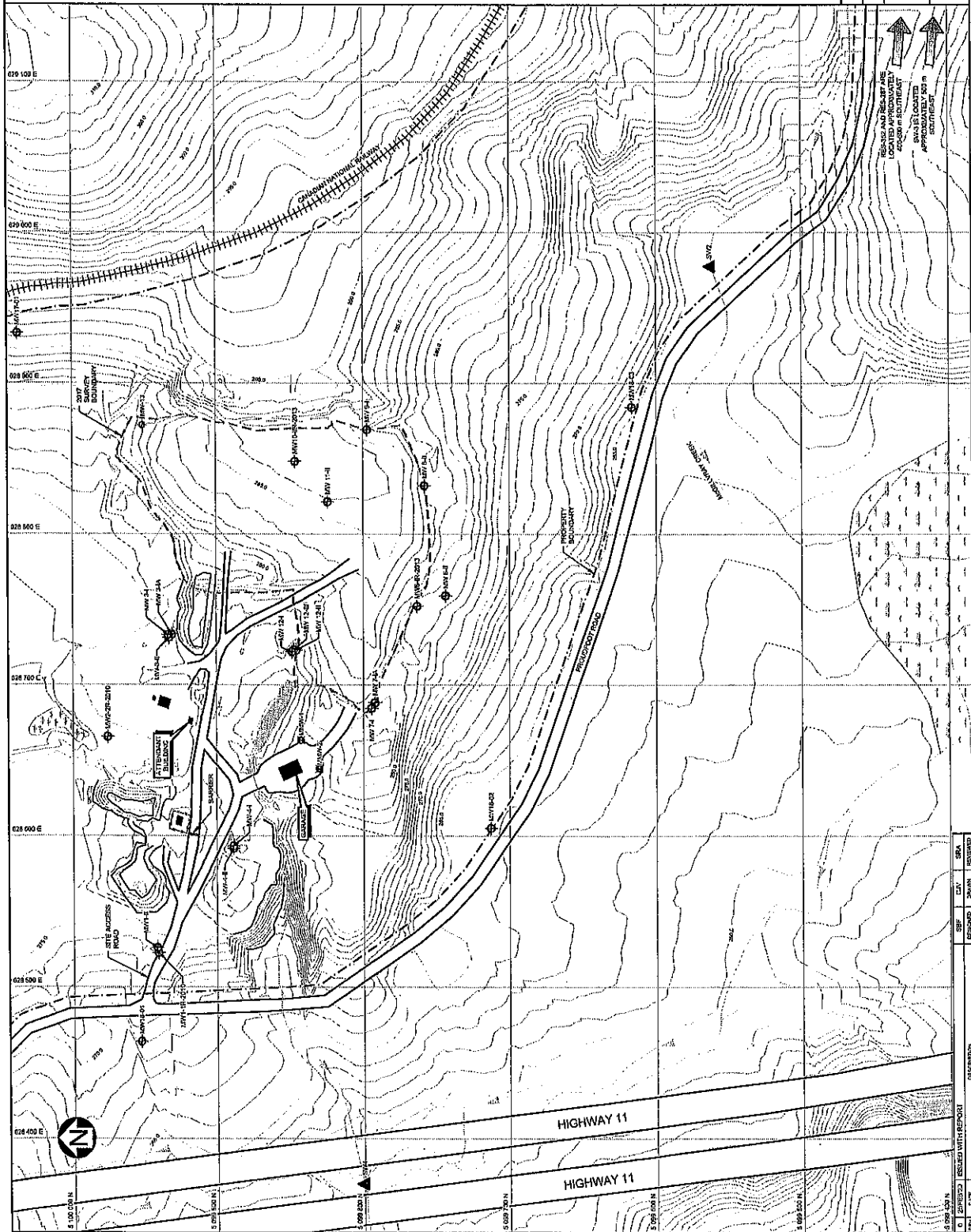


TABLE 2.1
MUNICIPALITY OF POWASSAN
LANDFILL SITE

2019 ANNUAL LANDFILL WATER QUALITY MONITORING REPORT
SUMMARY OF SAMPLING DETAILS AND GROUNDWATER LEVELS

Units	Coordinates		Ground Elevation ² m amsl	Measured Stick-up m	Monitoring Well Depth m	Depth to Groundwater				Groundwater Level				Groundwater Elevation			
	Easting	Northing				Spring 2019 mbPVC	Summer 2019 mbPVC	Fall 2019 mbPVC	Spring 2019 mbgs	Summer 2019 mbgs	Fall 2019 mbgs	Spring 2019 mamsl	Summer 2019 mamsl	Fall 2019 mamsl	Spring 2019 mamsl		
MW16-1	628,653	5,099,842	278.25	0.73	8.29	-	-	-	-	-	-	-	-	-	-	-	
MW16-2	628,644	5,099,830	277.78	0.8	8.4	-	-	-	-	-	-	-	-	-	-	-	
MW10-1R-2013	628,848	5,099,846	288.29	1.0	12.2	7.66	10.4	11.9	6.66	9.40	10.90	279.5	276.9	275.4	275.4	275.4	
MW11-II	628,821	5,099,824	285.83	0.8	16.9	13.80	-	-	13.00	-	-	272.8	-	-	-	-	
MW1-1R-2010	628,523	5,099,941	274.30	1.0	12.0	4.45	-	-	3.45	-	-	270.8	-	-	268.7	-	
MW12-I	628,722	5,099,848	276.78	0.8	12.4	8.88	9.14	9.7	8.08	8.34	8.30	268.7	-	268.4	267.9	272.2	
MW12-II	628,723	5,099,845	276.88	0.8	8.6	4.51	5.21	5.45	3.71	4.41	4.65	273.2	272.5	272.2	272.2	272.2	
MW12-III	628,723	5,099,847	276.87	0.7	4.3	0.405	1.84	1.58	-0.30	1.14	0.88	277.2	276.7	275.7	276.0	276.0	
MW13	628,872	5,099,951	280.13	0.8	11.1	4.05	5.79	7.29	3.25	4.89	5.49	276.9	275.1	273.6	273.6	284.7	
MW17-61	628,933	5,100,037	285.49	1.0	2.7	1.57	-	1.84	0.57	-	0.84	284.9	-	-	284.7	-	
MW17-II	628,526	5,099,942	274.61	0.8	6.4	2.67	5.16	5.32	1.87	4.36	4.52	272.7	270.3	270.1	270.1	270.1	
MW2-1R-2010	628,685	5,099,976	274.40	1.0	12.4	6.48	6.91	7.46	5.48	5.91	6.46	268.9	268.5	268.5	267.9	267.9	
MW3-I	628,733	5,099,934	275.47	0.7	11.3	5.06	7.05	7.39	4.36	6.35	6.89	271.1	269.1	269.1	268.8	268.8	
MW3-IA	628,733	5,099,931	275.53	1.0	16.7	6.76	7.21	7.85	5.76	8.21	6.85	269.8	269.3	269.3	268.7	268.7	
MW3-II	628,731	5,099,933	275.39	1.2	5.0	1.48	2.9	2.5	0.28	1.70	1.30	275.1	273.7	273.7	274.1	274.1	
MW4-I	628,593	5,099,888	276.25	1.0	12.4	6.23	8.64	7.78	5.23	7.64	6.79	271.0	268.6	269.5	269.5	269.5	
MW4-II	628,592	5,099,888	276.26	1.1	7.2	2.62	-	4.82	1.52	-	3.82	274.7	-	272.4	272.4	272.4	
MW5-II	628,759	5,099,744	278.89	1.0	6.3	1.72	4.15	4.84	0.72	3.15	3.84	278.2	275.7	275.0	275.0	275.0	
MW5-4R-2013	628,752	5,099,764	281.72	0.8	10.8	9.40	-	-	8.60	-	-	273.1	-	-	-	-	
MW7-I	628,684	5,099,794	279.82	0.8	12.5	6.7	7.63	8.74	5.90	6.83	7.94	273.9	273.0	271.9	271.9	271.9	
MW7-IA	628,688	5,099,792	279.88	0.9	23.3	13.2	13.4	14.2	12.30	12.50	13.30	267.6	267.4	266.6	266.6	266.6	
MW8-I	628,832	5,099,758	281.93	0.8	3.8	1.97	-	-	1.17	-	-	280.8	-	-	-	-	
MW8-II	628,869	5,099,797	284.00	0.2	2.1	0.85	-	-	0.65	-	-	283.3	-	-	-	-	
MW18-01	628,464	5,099,954	270.33	1.0	5.4	1.83	4.08	3.74	0.88	3.13	2.79	269.5	267.2	267.5	267.5	267.5	
MW18-02	628,605	5,099,713	282.10	0.9	5.1	1.07	2.43	1.85	0.19	1.55	0.97	261.9	261.5	261.1	261.1	261.1	
MW18-03 (background well)	628,384	5,099,916	266.88	0.9	5.4	4.03	4.61	5.76	3.12	3.70	4.85	263.8	263.2	263.0	263.0	263.0	
SW2	628,977	5,099,563	282.79	-	-	-	-	-	-	-	-	-	-	-	-	-	
SW3	629,328	5,099,966	277.95	-	-	-	-	-	-	-	-	-	-	-	-	-	
SW4	628,372	5,099,800	259.71	-	-	-	-	-	-	-	-	-	-	-	-	-	

L:\102\0200102\WQReport\Report 1 - Rev 000103 Tables\Powassan Landfill 2019 GW and SW Tables.docx[Table 2.1]

NOTES:

1. - DATA ARE NOT AVAILABLE. "mPVC" - METRES BELOW PVC RISER PIPE. "mbs" - METRES BELOW GROUND SURFACE. "mms" - METRES ABOVE MEAN SEA LEVEL.
2. GROUND ELEVATION DETERMINED FROM MILLER & URSO SURVEYING INC. 2019.
3. MONITORING WELLS MW16-01, MW18-02 AND MW18-03 HAVE NOT YET BEEN SURVEYED.

DATE	BY	CHECKED BY	DATE
2020-01-10	W. J. [Signature]	W. J. [Signature]	2020-01-10

3.0 GROUNDWATER SAMPLING INFORMATION

3.1 APPLICABLE STANDARDS

The groundwater samples are compared to referenced guidelines presented in the Technical Support Document for Ontario Drinking Water Standards (ODWS), Objectives and Guidelines prepared by the MOE (MECP, 2018) to provide information for the protection of public health through the provision of safe drinking water.

The Technical Support Document identifies the following types of standards:

- **Maximum Acceptable Concentration (MAC) and Interim Maximum Acceptable Concentration (IMAC)** - These criteria are related to human health and include parameters such as nitrates, nitrites, and the metals barium, boron, cadmium, chromium, lead, mercury, selenium and uranium.
- **Aesthetic Objectives (AO)** - These criteria are not related to human health, but relate to taste, odour, or appearance of water. Parameters include dissolved organic carbon (DOC), total dissolved solids (TDS), turbidity, chlorides, sulphates and include the following metals: copper, iron, manganese, sodium and zinc.
- **Operational Guidelines (OG)** - These guidelines are not related to human health but are intended to ensure the efficient operation of water treatment and distribution systems. Parameters of interest include pH, hardness and aluminum.

A reasonable use guideline (RUG) concept has also been applied to assess groundwater quality. The reasonable use concept is applied to determine quantitatively the acceptable level of various contaminants originating in a disposal site and impinging on adjacent properties, and assessing the suitability of a contaminant attenuation zone at a disposal site. Guideline B-7 (MOECC, 2016a) and Guideline B-7-1 (MOECC, 2016b), are used to set maximum concentrations of parameters for groundwater leaving landfills. The RUG states that water quality (for drinking water) must not be degraded by an amount in excess of 50% of the difference between the background and the ODWS for non-health related parameters and in excess of 25% of the difference between background and the ODWS for health-related parameters.

Monitoring well MW18-03 has replaced MW17-01 to establish background concentrations as per the guidelines. The guidelines utilize the ODWS type of standard (MAC, IMAC, AO or OG) and the background concentrations to determine the maximum acceptable concentrations of parameters in adjacent properties. RUG values have been calculated on a seasonal basis.

3.2 SAMPLING PROTOCOLS

Groundwater samples were collected from each well using 5/8" diameter Waterra tubing and one-way foot valves. Standard QA/QC procedures were followed during sampling and data were recorded on field record sheets:

- Groundwater levels were measured prior to sampling in each well using a clean Solinst Water Level Meter - Model 101
- Prior to sampling, three well volumes of water were purged (when possible) from each monitoring well using dedicated Waterra® tubing
- New nitrile gloves were used during sampling at each well

- In situ groundwater quality data were measured at each well using a Hanna Instruments HI98129 pH/Conductivity/TDS Tester. The instrument was calibrated each day following the manufacturer's instructions prior to use.
- The same dedicated Waterra® tubing that was used to purge each well was used to collect the groundwater samples. Samples were collected in labeled, clean bottles provided by the laboratory. During the spring and summer sampling events, all sample filtering was completed by the laboratory. Due to a bottle error, the Fall field filtering was performed using an in-line 0.45 micron filter for the samples collected for analysis of dissolved metals.
- Samples were preserved and stored in coolers with ice packs until they were shipped to SGS
- All sampling activities, environmental conditions and any unusual conditions were documented on field data sheets
- Pertinent sampling information was recorded on a Chain of Custody (COC) form and a copy delivered with the samples to SGS

The water samples from the residential wells were collected from outside faucets/hoses and handled similarly to the groundwater samples collected from the Landfill wells. Water from the faucets/hoses was run for 5 minutes prior to sampling.

3.3 MAINTENANCE, REPAIRS AND SAMPLING NOTES

The following provides a summary of issues encountered during the 2019 groundwater monitoring program.

3.3.1 SPRING 2019

The following events occurred during the spring 2019 sampling event (May 27 to 29, 2019):

- Most of the monitoring wells had an insufficient groundwater recharge rate to purge three well volumes. Once purged dry the wells were left for a period of approximately 24 hours to return to static groundwater levels, prior to sampling.
- Monitoring wells MW2-IR-2010, MW-13, MW18-01, MW18-02 and MW18-03 had sufficient groundwater recovery to purge three well volumes prior to sampling

3.3.2 SUMMER 2019

The following events occurred during the summer 2019 (August 6 to 8, 2019):

- The standpipe for MW17-01 was cut to allow the metal casing lid to close. The new stick-up was measured and recorded.
- Most of the monitoring wells had an insufficient groundwater recharge rate to purge three well volumes prior to sampling. Wells with insufficient recovery were purged dry and left for a period of approximately 24 hours to return to static groundwater levels, prior to sampling.
- Monitoring wells MW1-II, MW1-1R-2010, MW3-II, MW4-I, MW6-II, MW8-II, MW11-II and MW17-01 were dry and could not be sampled
- Monitoring wells MW2-1R-2010, MW-13, MW18-01, MW18-02 and MW18-03 had sufficient groundwater recovery to purge three well volumes prior to sampling

3.3.3 FALL 2019

The following events occurred during the fall 2019 (October 7 to 9, 2019):

- Monitoring wells MW1-1R-2010, MW3-I, MW3-II, MW3-IA, MW4-I, MW4-II, MW7-I, MW7-IA, MW12-I, MW12-II, MW12-III, MW-13, MW18-02 and MW18-03 had an insufficient groundwater recharge rate to purge three times the initial well volume prior to sampling. Wells with insufficient groundwater recovery were purged dry and left for a period of approximately 24 hours to return to static groundwater levels, prior to sampling.
- Monitoring wells MW1-II, MW6-II, MW8-II, MW10-IIR-2013, MW11-II and MW17-01 were dry and could not be sampled
- Monitoring wells MW2-IR-2010 and MW18-01 had sufficient groundwater recovery to purge three well volumes prior to sampling

3.4 LEACHATE CHARACTERIZATION

As previously mentioned, leachate indicator parameters were assessed through the review of water quality results for leachate wells MW10-IIR-2013 and MW11-II, against background results (MW18-03). When compared to background monitoring well results, the following parameters were generally elevated as shown in Table 3.1.

3.5 GROUNDWATER HYDRAULIC MONITORING RESULTS

Groundwater level measurements were collected during the spring, summer and fall sampling events. A summary of the 2019 groundwater level measurements is presented in Table 2.1. The water ranges from -0.30 to 13.3 metres below ground surface (m bgs) throughout the area and vary by 0.16 to 2.74 metres seasonally (with an average variation of approximately 1.0 m). The groundwater elevations range from 260 to 285 metres above mean sea level (m amsl).

Figure 3.1 shows the estimated groundwater flow direction using the fall 2019 water level data. Groundwater flow is generally in a southwesterly direction. For the contouring, where nested wells (or triple wells) are present, the intermediate screen position was used for contouring.

3.6 GROUNDWATER QUALITY RESULTS

The groundwater Laboratory Certificates of Analysis are included in Appendix C. Analytical results for 2019 are summarized in Appendix D1.1, with results above the applicable standards highlighted. Appendix D2.1 provides a summary of the exceedances for each well.

Background water quality results from monitoring well MW18-03 suggest that groundwater is naturally hard, with hardness concentrations typically above the ODWS range.

As indicated in Appendix D2.1, only one health-related parameter (benzene) was above the ODWS in 2019 for some of the monitoring wells, as listed below:

- MW3-II (spring, fall), MW6-II (spring), MW7-I (spring, summer, fall), MW10-IIR-2013 (spring, summer), MW12-III (spring, summer, fall)

Other exceedances of the ODWS were either AOs or OGs, which do not have any suspected adverse health effects.

There were several instances where water quality concentrations exceeded the RUGs. The exceedances occurred for in-situ pH, hardness, alkalinity, pH, temperature, dissolved barium, dissolved chloride, dissolved iron, dissolved manganese, dissolved sodium, DOC, benzene and toluene. The concentrations for dissolved barium were below the respective ODWS limit; all other parameters had concentrations above both the RUGs and ODWS (all ODWS exceedances were AOs or OGs, with the exception of benzene).

Downgradient water quality results (when compared to leachate indicator parameters) indicate leachate impacts. Appendix D3.1 provides a comparison of leachate indicator concentrations for the background well and leachate wells. The following is notable:

- Monitoring wells MW3-I, MW3-II and MW7-I have leachate indicator concentrations that are higher than leachate wells MW10-IIR-2013 and MW11-II
- Monitoring wells MW18-01, MW18-02 and MW18-03, which are located along or near the property boundary downgradient of the leachate wells, have leachate indicator concentrations that are generally lower than the leachate wells, generally indicating that the groundwater leaving the property is not impacted by the Landfill

In general, water quality within the Landfill property shows impact from the waste fill however results suggest that natural attenuation is occurring sufficiently to deter offsite migration, based on outlying downgradient wells.

3.7 RESIDENTIAL WATER QUALITY

The residential wells are located upgradient of the Landfill. The residential water quality is not being impacted by the Landfill, and no parameters are above ODWS guidelines for human-health.

However, the following was found:

- Elevated levels of nitrate and dissolved barium were noted in both residential wells, when compared to the background well. All of these concentrations were well below the respective ODWS values.
- Exceedances for ODWS AO/OG guidelines were noted for in-situ pH, temperature, hardness, dissolved manganese, and DOC

3.8 GROUNDWATER QA/QC RESULTS

The data provided by QA/QC samples helps to determine the accuracy and precision of the sample data and whether cross-contamination has occurred. The following QA/QC procedures were followed for the 2019 monitoring program:

- All sampling activities, environmental conditions and any unusual conditions were documented on field data sheets
- Gloves and other protective equipment were worn at all times during sampling
- QA/QC duplicate samples were collected and analysed (approximately 10% of the total number of samples collected)

Relative percent difference (RPD) calculations between the original and duplicate samples were used to determine how close in concentration the samples were for each parameter tested. The results are presented in Appendix D4. As presented, KP flags RPD values of 20% or greater (where the concentrations are greater than 5 times the RL) and investigates possible causes for the difference. It should be noted that in many cases, an RPD of greater than 20% is due to a very small difference in absolute terms (i.e., the difference between 0.00005 mg/L and 0.00003 mg/L is 50%). These small variations in absolute values could be the result of natural variation in the water and should not be considered a quality control concern for the sampling or the analysis.

The spring sampling event had three QA/QC duplicates. There were four RPDs of 20% or higher. The instances occurred for dissolved barium, dissolved boron, and dissolved iron. The summer and fall sampling events had two QA/QC duplicate samples each, due to several dry wells. In total, there were eight instances where the RPDs of 20% or higher were found for the summer, and none for the fall. The instances occurred for hardness, total phosphorus, dissolved cadmium, dissolved calcium, dissolved iron and dissolved magnesium. QA/QC results are included in Appendix D4.

4.0 SURFACE WATER SAMPLING INFORMATION

4.1 SAMPLING PROTOCOLS

The following procedures were followed for the collection of surface water samples:

- Samples were collected in labeled, clean bottles provided by the laboratory. When a direct transfer from the surface water feature into laboratory-supplied container was not possible, an un-preserved laboratory bottle was used to transfer the sample into the appropriate sample containers. This transfer bottle was used at one location, then discarded.
- In situ surface water quality data were measured at each surface water location using a Hanna Instruments HI98129 pH/Conductivity/TDS tester. The instrument was calibrated each day following the manufacturer's instructions prior to use. All results were recorded on field data sheets.
- Samples were kept cool with ice
- Post-sampling, a YSI ProODO or YSI 600QS measured the oxygen content present in the surface water
- New nitrile gloves were used during sampling at each surface sampling location
- Pertinent sampling information was recorded on a COC form and a copy was delivered with the samples to SGS

4.2 APPLICABLE STANDARDS

The surface water sampling results were compared to the Provincial Water Quality Objectives (PWQO; MOEE, 1999).

4.3 SURFACE WATER QUALITY RESULTS

The surface water analytical results are found in Appendix E1. As previously mentioned, surface water sampling location SW3 (McGillivray Creek) is located upstream of the Landfill and is considered representative of background or natural surface water quality. The water quality results from this location indicate that surface water is naturally elevated in total iron and total phosphorus, at concentrations above PWQO limits.

Surface water sampling locations SW-2 and SW-4 both had total iron concentrations above the PWQO guidelines but were very similar to total iron concentrations at SW-3. SW-2 also had one total phosphorus concentration above the PWQO (summer) which was also very similar to the SW-3 result.

Based on a comparison of upstream and downstream surface water quality, the Landfill is not impacting surface water.

4.4 QA/QC RESULTS

The following QA/QC procedures were followed for the 2019 surface water monitoring program:

- All sampling activities, environmental conditions and any unusual conditions were documented on field data sheets
- All equipment was operated in accordance with the manufacturer's instructions

- Gloves and other protective equipment were worn at all times during sampling
- QA/QC duplicate samples were collected and analysed (approximately 10% of the total number of samples collected)

QA/QC results are included in Appendix E2. In total, there were five instances where the RPDs of 20% or higher were found, all of them during the summer sampling event. The instances occurred for TSS, total cadmium, total iron, total lead and total phosphorus.

5.0 METHANE SAMPLING INFORMATION

5.1 GENERAL

Methane concentrations were measured in two monitoring wells during the three sampling events. The appropriate MOE Guideline (D-4; MOECC, 2016c) and Procedure (D-4-1; MOECC, 2016d) indicates that:

"A mixture of 5% to 15% methane in air will explode if ignited. A concentration of 5% methane in air is the Lower Explosive Limit (LEL) and concentrations equal to or greater than the LEL are considered hazardous. Hazardous conditions are not considered to be present on a landfill, or on the property near a landfill, if the concentration of methane in the waste is determined to be less than 10% LEL."

5.2 ANALYTICAL PROCEDURES AND RESULTS

As per Powassan Landfill's Certificate of Approval, methane readings were measured from methane monitoring wells MMW1 and MMW2. A Landtec GEM2000 was used to measure gaseous concentrations of oxygen and methane upon the initial opening of the monitoring well.

Methane measurements are summarized in Table 5.1. Methane concentrations were measured to be low to not present in 2019.

TABLE 5.1
MINERAL QUALITY OF POTREAN
LANDFILL SITE
2019 ANNUAL LANDFILL WATER QUALITY MONITORING REPORT
FIELD METHANE MEASUREMENTS

Parameter	Units	MWV1										MWV2									
		11-Mar-19	15-Apr-19	20-May-19	24-Jun-19	28-Jul-19	31-Aug-19	30-Sep-19	30-Oct-19	28-Nov-19	26-Dec-19	11-Jan-20	14-Feb-20	20-Mar-20	24-Apr-20	28-May-20	30-Jun-20	28-Jul-20	30-Aug-20	28-Sep-20	26-Oct-20
Urethane	%	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.1
Chlorine	% VCL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Chlorine	% VCL	20.6	21.1	21.2	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1

NOTE:
1. A LANDFILL 2019 WAS USED FOR FIELD METHANE MEASUREMENTS.
2. URETHANE AND CHLORINE MEASUREMENTS WERE TAKEN AT THE SAME LOCATION AS THE METHANE MEASUREMENTS.
3. URETHANE AND CHLORINE MEASUREMENTS WERE TAKEN AT THE SAME LOCATION AS THE METHANE MEASUREMENTS.

6.0 DISCUSSION OF FINDINGS

6.1 LEACHATE CHARACTERIZATION

As mentioned in Section 2.5, leachate indicator parameters (characteristic of landfill impacts) are assessed through a review of the water quality results from monitoring wells MW10-IIR-2013 and MW-11-II, which are located within the landfilling area. As shown in Appendix D3.1, when compared to background monitoring well results (MW18-03), the leachate wells had leachate indicator concentrations above background conditions.

6.2 LANDFILL DERIVED WATER QUALITY IMPACTS

Landfill impacts are determined through a review of leachate indicators within the groundwater and surface water analytical results (described in Section 2.5). The following is a summary of the observed impacts.

Landfill derived parameters are measured in monitoring wells south and southwest of the landfilled area. In particular, impacts are suspected to be present in downgradient monitoring wells MW6-II, MW7-I, and within the Landfill at monitoring wells MW3-I, MW3-II, MW4-I, MW8-I, MW10-IIR-2013, MW12-I, MW12-II, MW12-III and MW11-II. Minor impacts are also noted in MW1-IR-2010, near the western boundary of the Landfill.

There are no landfill related impacts to the two residential wells sampled east and upgradient of the Landfill. The water quality results for the residential wells did indicate elevated concentrations of DOC (Res-352), nitrate and dissolved barium (but not exceeding ODWS limits) which may be related to farming practices on the property.

The Landfill is not impacting surface water quality as leachate indicator parameters are not evident in samples from SW-2 and SW-4.

7.0 CONCLUSIONS

The following general conclusions can be made regarding the water quality based on the 2019 results.

Groundwater:

- Background groundwater quality is found to be generally elevated in hardness
- The groundwater quality at the Landfill is found to be generally within ODWS guidelines for health-related parameters, with the following exceptions: Benzene (MW3-II, MW6-II, MW7-I and MW12-III)
- Health-related RUG exceedances were noted for Dissolved Barium (MW3-II, MW7-I, MW10-IIR-2013 and MW12-III) and Benzene (MW3-II, MW6-II, MW7-I, MW10-IIR-2013 and MW12-III)
- Most monitoring wells had exceedances of ODWS non-health related parameters. Non-health parameter exceedances consisted of in situ pH (multiple), temperature (multiple), alkalinity (multiple), hardness (multiple), laboratory pH (multiple), TDS (multiple), dissolved iron (multiple), dissolved manganese (multiple), DOC (multiple), and dissolved chloride (MW7-I).
- Elevated levels of nitrate and dissolved barium were noted in both residential wells, when compared to the background well. All of these concentrations were well below the respective ODWS values.
- In situ methane measurements from wells MMW1 and MMW2 were below the 5% limit
- The groundwater QA/QC results showed only 11 instances where the RPD was greater than 20%, however, the absolute difference between the concentrations was generally small

Surface Water:

- Based on a comparison of upstream and downstream surface water quality, the Landfill is not impacting surface water
- The surface water QA/QC results had only five RPD values greater than 20%

8.0 RECOMMENDATIONS

The following is recommended based on the 2019 monitoring program results:

- Continue sampling and testing both groundwater and surface water three times per year so that trends may continue to be monitored. Collection of QA/QC samples should also continue to ensure that laboratory results are accurate.
- Laboratory results for residential wells Res-352 and Res-287 indicate elevated levels of barium within the drinking water, but below ODWS guidelines. Future results should be closely monitored to confirm that the parameters remain below the ODWS guidelines.
- Clearing of brush and long grass near the monitoring wells should be completed prior to each sampling event to ensure easy access to the wells and allow better visibility to avoid bears that may be in the immediate area
- Straighten/repair all angled monitoring wells
- Paint and flag all monitoring wells to improve visibility

9.0 REFERENCES

- Integrated Earth & Environmental Limited, 1998. *Hydrogeological Monitoring Report, Himsworth South Landfill Site, Powassan, Ontario*. October 6.
- Ontario Ministry of Environment (MOE), 2001. *Amendment to Provisional Certificate of Approval. Number A521701*. June 23.
- Ontario Ministry of the Environment (MOE), 2012. *Landfill Standards: A Guideline to the Regulatory and Approval Requirements for New or Expanding Landfilling Sites*. PIBS 7792e.
- Ontario Ministry of the Environment and Climate Change (MOECC), 2016a. *Guideline B-7: Incorporation of the Reasonable Use Concept in MOEE Groundwater Management*. Retrieved from: <https://www.ontario.ca/page/guideline-b-7-incorporation-reasonable-use-concept-moe-groundwater-management> (assessed January 12, 2017).
- Ontario Ministry of the Environment and Climate Change (MOECC), 2016b. *B-7-1 Determination of Contaminant Limits and Attenuation Zones*. Retrieved from: <https://www.ontario.ca/page/b-7-1-determination-contaminant-limits-and-attenuation-zones> (assessed January 12, 2017).
- Ontario Ministry of the Environment and Climate Change (MOECC), 2016c. *O.Reg 347: D-4 Land Use On or Near Landfills and Dumps*. Retrieved from: <https://www.ontario.ca/page/d-4-land-use-or-near-landfills-and-dumps> (assessed January 12, 2017).
- Ontario Ministry of the Environment and Climate Change (MOECC), 2016d. *O.Reg. 347: D-4-1 Assessing Methane Hazards from Landfill Sites*. Retrieved from: <https://www.ontario.ca/page/d-4-1-assessing-methane-hazards-landfill-sites> (updated May 18, 2016).
- Ontario Ministry of the Environment and Energy (MOEE), 1999. *Water Management: Policies, Guidelines, Provincial Water Quality Objectives of the Ministry of the Environment and Energy, Province of Ontario*. (Reprinted from 1994). ISBN 0-7778-8473-9 rev.
- Ministry of Environment Conservation and Parks (MECP), 2018. *Ontario Drinking Water Quality Standards, 2018*. Under the Safe Water Drinking Act (2002). O.Reg. 169/03.

10.0 CERTIFICATION

This report was prepared and reviewed by the undersigned.

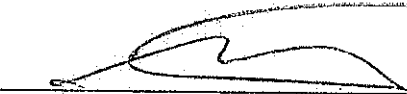
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Reviewed:



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Manager, Environmental Services



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Approval that this document adheres to the Knight Piésold Quality System:



APPENDIX A

Certificates of Approval

(Pages A-1 to A-16)

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Ontario

Ministry
of the
Environment

Ministère
de
l'Environnement

AMENDMENT TO PROVISIONAL CERTIFICATE OF APPROVAL
WASTE DISPOSAL SITE
NUMBER A521701
Notice No. 1

Corporation of the Municipality of Powassan
70 King Street
Powassan, Ontario
P0H 1Z0

Site Location: 40 Proudfoot Road
Himsworth South Township
District of Parry Sound

You are hereby notified that I have amended Provisional Certificate of Approval No. A521701 issued on August 9, 1971 for the use and operation of a 30 hectare landfill site for receipt and disposal of domestic and commercial wastes, as follows:

to permit the establishment and operation of a Household Hazardous Waste Depot, Waste Disposal Site (Transfer)

for the receipt and transfer of household hazardous waste generated in the geographical area of the District of Parry Sound.

Waste classes 111-114 inclusive, 121-123 inclusive, 131-135 inclusive, 141-150 inclusive, 211-213 inclusive, 221, 222, 231-233 inclusive, 241, 242, 251-254 inclusive, 261-270 inclusive, 281, 282, and 311, as defined in the "New Ontario Waste Classes" dated January 1986, or the most recent revision.

Note: Use of the site for any other type of waste is not approved under this Certificate, and requires obtaining a separate approval amending this Certificate.

For the purpose of this Provisional Certificate of Approval and the terms and conditions specified below, the following definitions apply:

A. DEFINITIONS

(a) "Act" means the Environmental Protection Act, R.S.O. 1990, C. E-19 as amended;

(b) "Director" means a Director of the Environmental Assessment and Approvals Branch, Ontario Ministry of the Environment;

(c) "District Manager" means the District Manager, Timmins District, Ontario Ministry of the Environment;

(d) "District Office" means the Timmins/North Bay District Office - North Bay Area, Northern Region, Ontario Ministry of the Environment;

(e) "Ministry" means the Ontario Ministry of the Environment;

(f) "O. Reg. 347" means Ontario Regulation 347, R.R.O. 1990, as amended;

(g) "Site" means the Household Hazardous Waste Depot being approved under this Provisional Certificate of Approval amendment, located at 40 Proudfoot Road, Part Lots 15 & 16, Concession 7, Himsworth South Township, District of Parry Sound, Ontario; and

(h) "Municipality" or "Owner" means the Corporation of the Municipality of Powassan and its employees.

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You are hereby notified that this Certificate of Approval is issued to you subject to the terms and conditions outlined below:

TERMS AND CONDITIONS

B. GENERAL

2. Except as otherwise provided by these Conditions, the Site shall be designed, developed, used, maintained and operated and all facilities, equipment and fixtures shall be built and installed in accordance with the application for this Provisional Certificate of Approval, dated February 21, 2001, and the plans and specifications listed in Schedule "A".
3. Where there is a conflict between a provision of any document referred to in Condition 2 and the Conditions of this Provisional Certificate of Approval, the Conditions in this Provisional Certificate of Approval shall take precedence.
4. Requirements specified in this Provisional Certificate of Approval are the requirements under the Act. Issuance of this Provisional Certificate of Approval in no way abrogates the Municipality's legal obligations to take all reasonable steps to avoid violating other applicable provisions of the Act and other legislation and regulations and to obtain any other approvals required by legislation.
5. Requirements of this Provisional Certificate of Approval are severable. If any requirement of this Provisional Certificate of Approval, or the application of any requirement of this Provisional Certificate of Approval to any circumstance, is held invalid, the application of such requirement to other circumstances and the remainder of this Provisional Certificate of Approval shall not be affected thereby.
6. The Municipality must ensure compliance with all terms and Conditions of this Provisional Certificate of Approval. Any non-compliance constitutes a violation of the Act and its grounds for enforcement.
7. The Municipality shall ensure that all correspondence made pursuant to this Provisional Certificate of Approval reference this Provisional Certificate of Approval number.
8. The Municipality shall notify the Director in writing of any of the following changes within thirty (30) days of the change occurring:
 - (a) i. change of Owner or operator of the Site or both;
 - ii. change of address or address of the new Owner;
 - iii. change of partners where the Owner or operator is or at any time becomes a partnership, and a copy of the most recent declaration filed under the Business Names Act, 1991 shall be included in the notification to the Director;
 - iv. any change of name of the corporation where the Owner or operator is or at any time becomes a corporation, and a copy of the most current "Initial Notice or Notice of Change" (form 1 or 2 of O. Reg. 182, Chapter C-39, R.R.O. 1990 as amended from time to time), filed under the Corporations Information Act shall be included in the notification to the Director;
 - v. change in directors or officers of the corporation where the Owner or operator is or at any time becomes a corporation, and a copy of the most current "Initial Notice or Notice of Change" as referred to in 8(a)(iv), supra; and,
- (b) In the event of any change in ownership of the Site, the Owner shall notify in writing the succeeding owner of the existence of this Provisional Certificate of Approval, and a copy of such notice shall be forwarded to the Director.
9. The Municipality shall allow Ministry personnel, or a Ministry authorized representative(s), upon presentation of credentials, to:
 - (a) carry out any and all inspections authorized by Section 156, 157 or 158 of the Act, Section 15, 16, or 17 of the Ontario Water Resources Act, R.S.O. 1990, or Section 19 or 20 of the Pesticides Act, R.S.O. 1990, as amended from time to time, of any place to which this Provisional Certificate of Approval relates; and,

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without restricting the generality of the foregoing to:

- (b) i. enter upon the premises where the records required by the Conditions of this Provisional Certificate of Approval are kept;
- ii. have access to and copy, at any reasonable time, any records required by the Conditions of this Provisional Certificate of Approval;
- iii. inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations required by the Conditions of this Provisional Certificate of Approval; and,
- iv. sample and monitor at reasonable times for the purposes of assuring compliance with the Conditions of this Provisional Certificate of Approval.

10. (a) The Municipality shall, forthwith upon request of the Director, District Manager, or Provincial Officer (as defined in the Act), furnish any information requested by such persons with respect to compliance with this Provisional Certificate of Approval, including but not limited to, any records required to be kept under this Provisional Certificate of Approval; and,

(b) In the event the Municipality provides the Ministry with information, records, documentation or notification in accordance with this Provisional Certificate of Approval (for the purposes of this Condition referred to as "Information"),

- i. the receipt of Information by the Ministry;
- ii. the acceptance by the Ministry of the Information's completeness or accuracy; or
- iii. the failure of the Ministry to prosecute the Municipality, or to require the Municipality to take any action, under this Provisional Certificate of Approval or any statute or regulation in relation to the Information shall not be construed as an approval, excuse or justification by the Ministry of any act or omission of the Municipality relating to the Information, amounting to non-compliance with this Provisional Certificate of Approval or any statute or regulation.

11. Any information relating to this Provisional Certificate of Approval and contained in Ministry files may be made available to the public in accordance with the provisions of the Freedom of Information and Protection of Privacy Act, R.S.O. 1990, C. F-31.

12. All records and monitoring data required by the Conditions of this Certificate of Approval must be kept on the Site for a minimum period of two (2) years.

C. SITE OPERATIONS

13. The operation of this Site is limited to the receipt and transfer of household hazardous waste consisting of waste classes 111-114 inclusive, 121-123 inclusive, 131-135 inclusive, 141-150 inclusive, 211-213 inclusive, 221, 222, 231-233 inclusive, 241, 242, 251-254 inclusive, 261-270 inclusive, 281, 282, and 311, as defined in the "New Ontario Waste Classes" dated January 1986, or the most recent revision.

14. (a) The Site may only receive and transfer waste during the hours of 8:00 a.m. to 4:00 p.m., Monday to Saturday or as agreed upon, in writing, by the District Manager.

(b) No waste shall be stored at the Site for longer than 3 months without written consent of the District Manager.

15. The total amount of hazardous waste stored on-site, at any time, shall not exceed 4,000 litres or equivalent (4 cubic metres).

16. The Site shall be maintained in a secure manner, such that unauthorized persons cannot enter the Site.

17. Incoming waste shall be inspected by trained personnel, prior to being accepted at the Site, to ensure that the Site is approved to accept that type of waste.

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18. No radioactive wastes shall be accepted at this Site; and,

(a) No PCBs (243) shall be accepted at this Site. Oil and oil-based paints which have been manufactured prior to 1972; or whose manufacturing date cannot be determined, may contain PCBs and shall be handled in the manner prescribed;

(i) The oil and oil-based paints shall not be mixed (bulk)ed with other paints prior to testing. Paints which are lab-packed are not considered to be mixed under this Certificate;

(ii) The oil and oil-based paints shall be tested by a certified laboratory for PCB content and shall be handled in the manner outlined in subcondition 18(a)(iii) if found to contain PCBs;

(iii) If the oil and oil-based paints are found to have PCBs at or above levels identified in subcondition 18(a)(iv), it shall be forthwith reported to the District Manager and shall be managed in accordance with Regulation 362/92 and stored or removed from the Site to an approved PCB storage Site, in accordance with written instructions from the District Manager;

(iv) The oil and oil-based paints shall not be distributed for reuse if they have any measurable PCB content. The oil and oil-based paint is considered to be a PCB waste, if measured levels are equal to or greater than 50 parts per million;

(b) Except as specified in subcondition 18(a)(iv), paints collected at the Site may be returned or sold to the general public for reuse provided all transactions are recorded by invoice. Information on the type and volume of paint returned to the public through this Site shall be recorded in the report specified in Condition 33; and,

(c) Scavenging of waste at this Site shall not be permitted except in accordance with Condition 18 (b).

19. All storage of liquid wastes shall be in accordance with this Ministry's publication "Guidelines of Environmental Protection Measures at Chemical Storage Facilities" dated October 1978.

20. Storage containers shall be clearly labeled indicating the type and nature of the hazardous waste stored as required by regulation. All points of access to the Site shall be posted to warn that the area contains hazardous materials. Smoking restrictions shall be adhered to and non-smoking signs posted as required by regulation.

21. Hazardous wastes that are received and stored on Site are expected to be in amounts which can be safely handled on the Site. In the event that larger amounts are received than anticipated, the Township shall have extra drums and lab-packed containers available on the premises for the storage of the additional waste collected. When Site capacity is reached, arrangements for the removal of waste from the Site shall be made as soon as possible, but in any event, within five (5) working days of receipt of the waste(s). Records shall be maintained each time the capacity is exceeded and maintained on-site in the report specified in Condition 34; and

22. Where applicable, all wastewater must be discharged in accordance with the Ontario Water Resources Act, R.S.O. 1990 and any Municipal Sewer Use By-Law(s).

23. All wastes generated at the Site must be managed and disposed in accordance with the Act and O. Reg. 347.

24. (a) The Municipality shall ensure that the Site is not operated unless all air approvals under Section 9 of the Act, where applicable, have been obtained.

(b) At no time is burning or incineration of materials at the Site permitted under this Provisional Certificate of Approval except in accordance with the Site's landfill operations manual.

(c) At no time is burning or incineration of material permitted within 30 metres of the Hazardous Waste Depot.

25. The Municipality must routinely conduct a visual inspection of the following areas to ensure the Site is secure and that no off-site impacts such as vermin, vectors, odour, dust, and litter result from the operation of the facility:

(a) loading/unloading area(s); and,

(b) transfer area(s), including storage area(s).

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26. (a) Prior to operating the Site, the Municipality shall prepare an operations manual for use by Site personnel. The operations manual shall contain the following;

- (i) outline the responsibilities of Site personnel;
- (ii) personnel training protocols;
- (iii) receiving, screening and manifesting procedures;
- (iv) unloading, handling and storage procedures;
- (v) site inspections, spill, upset and leakage recording procedures;
- (vi) procedures for recording and responding to public complaints; and
- (vii) a generic outline of the annual report described under Condition 34;

(b) A copy of this operations manual shall be kept at the Site, must be accessible to personnel at all times and must be updated as required.

(c) Prior to operating at the Site, the operations manual shall be submitted to the District Manager for review and approval.

27. All operators of the Site shall be trained with respect to the following areas:

- (a) terms, conditions and operating requirements of this Certificate;
- (b) operation and management of the facility;
- (c) an outline of the responsibilities of Site personnel;
- (d) personnel training protocols;
- (e) any environmental concerns pertaining to the wastes to be transferred;
- (f) proper receiving and recording procedures (including recording procedures of wastes which are refused at the Site);
- (g) waste paint identification, analysis information and separating procedures;
- (h) proper storage, handling, sorting and shipping procedures;
- (i) occupational health and safety concerns pertaining to the wastes;
- (j) relevant waste management legislation, and regulations, including the Act, and O. Reg. 347; and,
- (k) procedures to be followed in the event of an emergency situation.

D. CONTINGENCY PLAN

28. By July 1, 2001, the Municipality shall have in place a Spill Contingency and Emergency Response Plan for the operation of the Transfer Site. The Plan shall include, but is not necessarily limited to:

- (a) emergency response procedures to be undertaken in the event of a spill or process upset, including specific clean up methods for each individual waste;
- (b) a list of contingency equipment and spill clean up materials, including names and telephone numbers of waste management companies available for emergency response; and,
- (c) a notification protocol, with names and telephone numbers of persons to be contacted, including Municipality personnel, the Ministry of the Environment District Office and the Spills Action Centre, the local Fire and Police Departments, the local Municipality, the local Medical Officer of Health, and the Ministry of Labour.

29. A copy of the Spill Contingency and Emergency Response Plan shall be kept on the Site at all times, in a central location available to all staff, and a copy shall be submitted to the District Manager, the local Municipality and the Fire Department by July 1, 2001.

30. (a) The Municipality shall ensure that the contingency equipment and materials outlined in the Spill Contingency and Emergency Response Plan are immediately available on the Site at all times, in a good state of repair, and fully operational; and,

(b) The Municipality shall ensure that all operating personnel are fully trained in the use, of the contingency equipment and related materials, and in the procedures to be employed in the event of an emergency.

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31. The Municipality shall immediately take all measures necessary to contain and clean up any spill or leak which may result from the operation at this Site.

32. All spills and upsets shall be immediately reported to the Ministry's Spills Action Centre at (416) 325-3000 or 1-800-268-6060 and shall be recorded in the log book as to the nature of the spill or upset, and the action taken for clean-up, correction and prevention of future occurrences.

E. RECORD KEEPING

33. The Municipality shall maintain, at the Site, a log book which records on each day of operation, the following information:

- (a) date of record;
- (b) types, quantities and source of waste received;
- (c) quantities of waste stored on the Site;
- (d) quantities and destination of waste shipped from the Site;
- (e) paints collected at the Site that have been returned or sold to the general public for reuse and the volume of paint returned to the public through this Site;
- (f) results of the inspection required under Condition 25, including the name and signature of the person conducting the inspection; and,
- (g) any spills or upsets as noted in Condition 32.

F. ANNUAL REPORT

34. By March 31, 2002, and on an annual basis thereafter, the Municipality shall retain on-site an annual report covering the previous calendar year. Each report shall include, as a minimum, the following information:

- (a) a summary of the type and quantity of all incoming and outgoing wastes;
- (b) any environmental and operational problems, that could negatively impact the environment, encountered during the operation of the Site and during the facility inspections and any mitigative actions taken;
- (c) a statement as to compliance with all Conditions of this Provisional Certificate of Approval and with the inspection and reporting requirements of the Conditions herein; and,
- (d) any recommendations to minimize environmental impacts from the operation of the Site and to improve Site operations and monitoring programs in this regard.

G. CLOSURE PLAN

35. (a) The Municipality must submit, for approval by the Director, a written Closure Plan for the Site four (4) months prior to closure of the Site. This plan must include, as a minimum, a description of the work that will be done to facilitate closure of the Site and a schedule for completion of that work; and,

(b) Within ten (10) days after closure of the Site, the Municipality must notify the Director, in writing, that the Site is closed and that the Site Closure Plan has been implemented.

SCHEDULE "A"

1. Application for a Provisional Certificate of Approval for a Waste Disposal Site, dated February 21, 2001 and signed by J. Gauthier, Municipality of Powassan.
2. Letter dated April 23, 2001 from J. Butchart, MOE, to B. Hachkowski, Municipality, requesting additional information.
3. Facsimile dated April 27, 2001 from B. Hachkowski, Municipality, to J. Butchart, MOE, providing supporting documentation.

The reasons for this amendment to the Certificate of Approval are as follows:

1. The reason for the definitions is to simplify the wording of the subsequent conditions and to define the specific meaning of terms as used in this Provisional Certificate of Approval.
2. The reason for Conditions 2 and 34 is to ensure that the Site is operated in accordance with the application and supporting information submitted by the Applicant, and not in a manner which the Director has not been asked to consider.
3. The reason for Conditions 3, 4, 5, 6, 7, 8, 10, 11 and 12 is to clarify the legal rights and responsibilities of the Applicant.
4. The reason for Condition 9 is to ensure that appropriate Ministry staff have access to the operations of the Site which are approved under this Provisional Certificate of Approval. The Condition is supplementary to the powers of entry

CONTENT COPY OF ORIGINAL

afforded a Provincial Officer pursuant to the Environmental Protection Act, the Ontario Water Resources Act and the Pesticides Act, as amended.

5. The reason for Conditions 13, 15 and 33 is to ensure that the types and amounts of waste received at the Site are in accordance with that approved under this Provisional Certificate of Approval.

6. The reason for Conditions 16 and 17 is to minimize the risk of unauthorized entry and to ensure the Site is only operated in the presence of trained personnel.

7. The reason for Conditions 14, 18, 19, 20, 21, 22, 23, 24, 25, 30, 31 and 32 is to ensure that the Site is operated in a manner which does not result in a nuisance or a hazard to the health and safety of the environment or people.

8. The reason for Condition 26, 27, 28 and 29 is to ensure that staff are properly trained in the operation of the equipment used at the Site and emergency response procedures. This will minimize the possibility of spills occurring and will enable staff to deal promptly and effectively with any spills that do occur.

9. The reason for Condition 35 is to ensure that the Site is closed in accordance with Ministry standards and to protect the health and safety of the public and the environment.

This Notice shall constitute part of the approval issued under Provisional Certificate of Approval No.A521701 dated August 9, 1971.

In accordance with Section 139 of the Environmental Protection Act, R.S.O. 1990, Chapter E-19, as amended, you may by written notice served upon me and the Environmental Appeal Board within 15 days after receipt of this Notice, require a hearing by the Board. Section 142 of the Environmental Protection Act, provides that the Notice requiring the hearing shall state:

1. The portions of the approval or each term or condition in the approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

The Notice should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The Certificate of Approval number;
6. The date of the Certificate of Approval;
7. The name of the Director;
8. The municipality within which the waste disposal site is located;

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

The Secretary*
Environmental Appeal Board
2300 Yonge St., 12th Floor
P.O. Box 2382
Toronto, Ontario
M4P 1E4

AND

The Director
Section 39, Environmental Protection Act
Ministry of the Environment
2 St. Clair Avenue West, Floor 12A
Toronto, Ontario
M4V 1L5

*** Further information on the Environmental Appeal Board's requirements for an appeal can be obtained directly from the Board at: Tel: (416) 314-4600, Fax: (416) 314-4506 or www.ert.gov.on.ca**

The above noted waste disposal site is approved under Section 39 of the Environmental Protection Act.

DATED AT TORONTO this 14th day of May, 2001

Dave Staseff, P.Eng.
Director
Section 39, *Environmental Protection Act*

JB/
c: District Manager, MOE Timmins/North Bay
Gary Leis, Almaguin Recycling Initiative
Brian Hachkowski, Integrated Earth & Environmental Limited



AMENDMENT TO PROVISIONAL CERTIFICATE OF APPROVAL
WASTE DISPOSAL SITE

NUMBER A521701

Notice No. 1

Issue Date: October 31, 2008

The Corporation of the Municipality of Powassan
466 Main St P.O. Box 250
Powassan, Ontario
POH 1Z0

Site Location: 40 Proudfoot Road
Powassan Municipality, District of Parry Sound
POH 1Z0

You are hereby notified that I have amended Provisional Certificate of Approval No. A521701 issued on May 28, 1981 for the use and operation of a 30 hectare landfill site for the receipt and disposal of domestic and commercial wastes, amended May 8, 2001 and June 14, 2001 for the establishment and operation of household hazardous waste depot, waste disposal site (transfer) for the receipt and transfer of household hazardous waste, as follows:

I Approval is hereby granted for the construction of garage for the purpose of storage of an on-site landfill trash compactor and loader in accordance with the documentation provided in item 4 and 5 of Schedule "A".

Condition 36 is hereby added as follows :

36. The *Owner* shall submit to the *Director* for approval by no later than August 30, 2009 an up to date Design and Operations Report for the facility that includes as a minimum the following information:

- (a) waste types to be landfilled at the site, the service area and handling of the waste received at the site but unacceptable for landfilling or the recycling activities;
- (b) location and description of the access road, the on-site roads at the Site and the impact of the increased traffic to the Site;
- (c) description and location of the fencing and the gate(s);
- (d) details of the signs required at the Site, including the sign at the front gate and the signs at the various locations throughout the Site;
- (e) screening of the Site from the public, both visual and the protection from the noise impact;
- (f) details of the clean surface water drainage from the Site and any works required to prevent extraneous surface water from contacting the active working face;
- (g) description of the fill method, the equipment used at the Site, the areas used for various fill methods of landfilling, and timelines for various phases of the Site development;
- (h) the operating hours of the Site and the hours for the various activities to be undertaken at the Site, including waste compaction, waste coverage, clean wood burning and removal of wastes collected for transfer;
- (i) details on winter operations;
- (j) thickness of the daily cover, frequency of the application, characteristics of the material and its source and the method of application;
- (k) thickness of the intermediate cover, frequency of the application, characteristics of the material and its source and the method of application;
- (l) the equipment used, the frequency and the procedures used for waste compaction;
- (m) details on Site supervision and monitoring of the activities at the Site, including inspections of the incoming wastes;
- (n) details on handling of other wastes, including the types and amounts of wastes handled, storage locations, storage

CONTENT COPY OF ORIGINAL

- facility design/description and the frequency of removal from the Site;
- (o) details on housekeeping practices undertaken to control noise, dust, litter, odour, rodents, insects and other disease vectors, scavenging birds or animals;
 - (p) location of the wood burning area and the procedures for the burning, including frequency, supervision and measures to keep the unacceptable waste from the burn area;
 - (q) details on the closure of the Site, including the description of the final cover and its estimated permeability, its thickness, the source of the final cover material, the thickness of the top soil and the vegetation proposed for the closed waste mound, as well as the timeframe for the progressive waste coverage;
 - (r) monitoring program for the surface and groundwater;
 - (s) site-specific trigger mechanism program for the implementation of the groundwater and surface water contingency measures and a description of such measures;
 - (t) landfill gas control or management required at the Site;
 - (v) maintenance activities proposed for the Site and for the monitoring well network, including the type of the activities, the frequency of the activities and the personnel responsible for them;
 - (w) inspection activities proposed for the Site, including the frequency of the activities and the personnel responsible for them;
 - (x) details of training provided for the personnel responsible for the activities at the Site;
 - (y) contingency plans for the emergency situations that may occur at the Site;
 - (z) storm water management, including the location and the design of any works required;
 - (aa) any other information relevant to the design and operation of the Site or the information required by the District Manager.

II The following item is hereby added to Schedule "A":

4. Application dated March 8, 2008 with supporting documentation and cover letter dated June 24, 2008 signed by Brian M. Hachkowski, Principal, Integrated Earth & Environmental Limited.

5. Letter dated October 3, 2008 with supporting documentation from Brian M. Hachkowski, Principal, Integrated Earth & Environmental Limited.

The reasons for this amendment to the Certificate of Approval are as follows:

To allow the Owner to construct a building for the purpose of storage of an on-site landfill trash compactor and loader.

The reason for condition 36 is to update the current certificate of approval to reflect the current operation of the landfill site.

This Notice shall constitute part of the approval issued under Provisional Certificate of Approval No. A521701 dated May 28, 1981

In accordance with Section 139 of the Environmental Protection Act, R.S.O. 1990, Chapter E-19, as amended, you may by written notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 142 of the Environmental Protection Act, provides that the Notice requiring the hearing shall state:

1. The portions of the approval or each term or condition in the approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

The Notice should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The Certificate of Approval number;
6. The date of the Certificate of Approval;
7. The name of the Director;
8. The municipality within which the waste disposal site is located;

And the Notice should be signed and dated by the appellant.

CONTENT COPY OF ORIGINAL

This Notice must be served upon:

The Secretary*
Environmental Review Tribunal
655 Bay Street, 15th Floor
Toronto, Ontario
M5G 1E5

AND

The Director
Section 39, *Environmental Protection Act*
Ministry of the Environment
2 St. Clair Avenue West, Floor 12A
Toronto, Ontario
M4V 1L5

* Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 314-4600, Fax: (416) 314-4506 or www.ert.gov.on.ca

The above noted waste disposal site is approved under Section 39 of the Environmental Protection Act.

DATED AT TORONTO this 31st day of October, 2008

Tesfaye Gebrezghi, P.Eng.
Director
Section 39, *Environmental Protection Act*

HV/
c: District Manager, MOE North Bay
Brian Hachkowski, Integrated Earth & Environmental Ltd.



Ministry of the Environment
Ministère de l'Environnement

AMENDMENT TO PROVISIONAL CERTIFICATE OF APPROVAL
WASTE DISPOSAL SITE
NUMBER A521701
Notice No. 2
Issue Date: June 23, 2011

The Corporation of the Municipality of Powassan
466 Main St P.O. Box 250
Powassan
Ontario, L0H 1Z0

Site Location: 40 Proudfoot Rd
Powassan Municipality
District of Parry Sound, P0H 1Z0

You are hereby notified that I have amended Provisional Certificate of Approval No. A521701 issued on May 28, 1981 and amended on May 8, 2001, June 14, 2001, and October 31, 2008 for use and operation of a 30 hectare landfill site, as follows:

Condition 36 is hereby revoked and the following Conditions are added to the Certificate:

36. Groundwater and surface water monitoring programs and the analysis of the data shall be carried out with consideration given to details outlined in Items 1 and 2, Schedule "A" of this Certificate.

37. All groundwater monitoring wells shall be properly maintained and or decommissioned in accordance with Regulation 903.

38. The Owner shall ensure that the groundwater, surface water and landfill gas monitoring programs, as detailed in the table below, are carried out by a qualified person.

CONTENT COPY OF ORIGINAL

Surface Water Monitoring/ Locations: SW2, SW3, SW4	Frequency: Three times per year in Spring, Summer and Fall, at least 60 days apart.	Parameters: Listed in Column 3, Schedule 5 of Landfill Standards: A Guideline on the Regulatory and Approval Requirements for New or Expanding Landfilling Sites (MOE, May 1998)
Groundwater Monitoring/ Locations: MW1-1R-2010, MW1-II, MW2-1R-2010, MW3-I, MW3-IA, MW3-II, MW4-I, MW4-II, MW6-I, MW6-II, MW7-I, MW7-II, MW7-IA, MW8-II, MW10-II, MW11-II, MW12-I, MW12-II, MW12-III, MW13, and the two private wells located to the south of the Site.	Frequency: Three times per year in spring, summer and fall.	Parameters: For summer parameters listed in Column 1, Schedule 5 of Landfill Standards: A Guideline on the Regulatory and Approval Requirements for New or Expanding Landfilling Sites (MOE, May 1998) For spring and fall parameters listed in Column 2, Schedule 5 of Landfill Standards: A Guideline on the Regulatory and Approval Requirements for New or Expanding Landfilling Sites (MOE, May 1998)
Landfill Gas Monitoring/ Locations: MMW1 and MMW2	Frequency: Three times per year in spring, summer and fall.	Parameter: Methane gas

Design and Operation Plan:

39. The Owner shall submit to the Director for approval a design and operation plan by no later than January 31, 2013. The design and operation plan shall include but not be limited to the following information:

- a) a Site plan and a legal survey of the Site, showing the location of legal boundaries, roads, fences, gates, buildings, Site topography and any other significant features;
- b) detailed plans for the design and operation of the Site, various phases of Site development, base contours and cell preparation work, current and final Site contours and conditions;
- c) a report, including survey data if needed, on the waste already disposed of at the Site, maximum theoretical capacity of the Site, the remaining capacity and the expected closure date;
- d) details of use and application of daily cover, interim cover and final cover including the progressive capping and closure of the Site;
- e) a detailed description of waste receiving protocols including record keeping, testing procedures and other methods used to ensure that wastes are properly characterized and safely disposed of;
- f) details on on-site roads and their maintenance, fencing and Site security, signs, visual screening, measures for dust, odour, noise, litter, vector and vermin control;
- g) details on surface water drainage and any storm water management works required;
- h) details on a surface water toxicity testing and a mitigation plan to address concerns with ammonia levels in McGillvray Creek;
- i) a description of all environmental protection measures at the Site, including but not limited to the groundwater, surface water and landfill gas monitoring programs, specific trigger mechanism and contingency plans, for bringing the Site up to

CONTENT COPY OF ORIGINAL

current standards of practice;

j) a complete discussion on compliance with Ministry Acts, Regulations, and Guidelines including the Guideline B-7 – Incorporation of the Reasonable Use Concept Into MOEE Groundwater Management Activities (MOE, 1994) , Provincial Water Quality Objectives;

k) a discussion on landfill gas generation, subsurface migration, controls and monitoring;

l) details on Site supervision, inspection, record keeping, maintenance activities and staff training and contingency plans for the emergency situations that may occur at the Site;

m) details on any other activity which may take place at the Site including but not be limited to collection of household hazardous waste, collection of recyclables and composting of leaf and yard waste; and

n) a discussion on the contaminating life span of the Site.

The following items are added to Schedule "A":

1. Memorandum dated November 29, 2010, from Eva Maciaszk, Surface Water Specialist, Technical Support Section, Ministry of the Environment, containing comments on surface water issues at the Site.
2. Memorandum dated January 22, 2010, from Shannon Innis, Hydrogeologist, Technical Support Section, Ministry of the Environment, containing comments on groundwater issues at the Site.
3. Letter dated February 24, 2011, from Nafiseh Pourhassani, P. Eng., EAAB, Ministry of the Environment, containing comments on design and operation of the Site.
4. Letter dated April 29, 2011, from Steven R. Aiken, P. Eng. and Ken D. Embree, P. Eng., Knight Piesold Consulting in response to the Ministry of the Environment comments.

The reasons for this amendment to the Certificate of Approval are as follows:

1. Conditions 36, 37, and 38 are added to ensure a consistent and comprehensive monitoring plan is carried out at the Site.
2. Condition 39 is added to ensure that a stand alone design and operation plan which addressed all issues of concern with the Site is submitted for approval by the Director.

This Notice shall constitute part of the approval issued under Provisional Certificate of Approval No. A521701 dated May 28, 1981 and subsequent amendments.

In accordance with Section 139 of the Environmental Protection Act, R.S.O. 1990, Chapter E-19, as amended, you may by written notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. Section 142 of the Environmental Protection Act, provides that the Notice requiring the hearing shall state:

1. The portions of the approval or each term or condition in the approval in respect of which the hearing is required, and;
2. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

The Notice should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The Certificate of Approval number;
6. The date of the Certificate of Approval;
7. The name of the Director;

CONTENT COPY OF ORIGINAL

8. The municipality within which the waste disposal site is located;

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

The Secretary*
Environmental Review Tribunal
655 Bay Street, 15th Floor
Toronto, Ontario
M5G 1E5

AND

The Director
Section 39, *Environmental Protection Act*
Ministry of the Environment
2 St. Clair Avenue West, Floor 12A
Toronto, Ontario
M4V 1L5

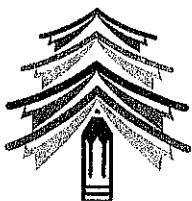
* Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 314-4600, Fax: (416) 314-4506 or www.ert.gov.on.ca

The above noted waste disposal site is approved under Section 39 of the Environmental Protection Act.

DATED AT TORONTO this 23rd day of June, 2011

Tesfaye Gebrezghi, P.Eng.
Director
Section 39, *Environmental Protection Act*

NP/
c: District Manager, MOE North Bay
Garry Keown, The Corporation of the Municipality of Powassan



ALMAGUIN
ADULT LEARNING CENTRE
INSPIRE. EDUCATE. TRANSFORM

Almaguin Adult Learning Centre
324 Highway 124, PO Box 280
South River, ON P0A 1X0
p. 705-386-0764 f. 705-386-0029
learningworks@bellnet.ca

RECEIVED

FEB 20 2020

The Municipality of Powassan
250 Clark Street
PO Box 250
Powassan ON P0H 1Z0

The Municipality of Powassan

Dear Council Members,

2019 was a great year for learning, with wonderful support from our communities! Our three centres serving the entire Almaguin Highlands continue to help with free literacy and basic skills upgrading, high school completion, postsecondary and employment preparation, life skills and more. We wanted to once again share with you how we are helping those in our communities reach their goals and improve their lives and have included our 2019 'Year in Review'. A quick introduction to those who come to us for help follows:

- 41% had no high school diploma at registration
- 66% had no source of income or were on social support
- 20% were over the age of 65, primarily seeking digital learning
- 88% of those registered with us noted an increase in skills at exit

We are increasingly providing programs and services which we believe are crucial to our learners' success. Poverty reduction and mitigation programming provides a means of increasing stability in the lives of those we serve without which, their path forward is often interrupted or derailed entirely. Appeals to our communities and granting agencies are our only way of continuing to provide this important programming as it falls outside of our primary funders' mandate, the Ministry of Labour, Training and Skills Development.

Our centres remain open to all members of our communities, providing access to printing, faxing, the internet and more. We continue to work closely with the Near North District School Board, as well as Ontario Works and Employment Services to help our learners reach their education and employment goals, ensuring that they have the skills they require to graduate or to prepare for their futures.

We at AALC thank you for your ongoing support and we look forward to continuing to serve our communities. We would be happy to come and present to Council, or if you require further information or clarification, please feel free to contact us at 705-386-0764.

Deborah Kurtzer-Johnston
Executive Director
Almaguin Adult Learning Centre

DATE OF COUNCIL MTG.	March 3/20
AGENDA ITEM #	13-1

"The Almaguin Adult Learning Centre believed in me, which helped me believe in myself, in order to complete my OSSD. I am now graduating from a 2 year college program, and planning on going to university in the fall to complete my B.Sc. I would not have been able to complete so much without their help." MU, Jan. 2019

Ministry of the Solicitor General

Office of the Fire Marshal and
Emergency Management

25 Morton Shulman Avenue
Toronto ON M3M 0B1
Tel: 647-329-1100
Fax: 647-329-1143

Ministère du Solliciteur général

Bureau du commissaire des incendies
et de la gestion des situations
d'urgence

25 Morton Shulman Avenue
Toronto ON M3M 0B1
Tél. : 647-329-1100
Télec. : 647-329-1143



February 19, 2020

Your Worship Peter McIsaac
Municipality of Powassan
P.O. Box 250, 250 Clark St.
Powassan, ON P0H1Z0

Dear Mayor:

As the Chief of Emergency Management for Ontario, it is incumbent on me to monitor, coordinate and assist municipalities with their respective municipal emergency management programs in accordance with the Emergency Management and Civil Protection Act (EMCPA). To confirm municipalities are in compliance with the EMCPA, every municipality in Ontario submits a compliance package to Emergency Management Ontario on a yearly basis.

The Office of the Fire Marshal and Emergency Management (OFMEM) has reviewed the documentation submitted by your Community Emergency Management Coordinator (CEMC) and has determined that your municipality was compliant with the EMCPA in 2019.

The safety of your citizens is important, and one way to ensure that safety is to ensure that your municipality is prepared in case of an emergency. You are to be congratulated on your municipality's efforts in achieving compliance in 2019. I look forward to continuing to work with you to ensure your continued compliance in 2020.

If you have any questions or concerns about this letter, please contact your Emergency Management Field Officer; their contact information is below.

Name: JohnStothers

Email: John.Stothers@ontario.ca

Phone: 705-774-4185

Sincerely,

Douglas Browne
Chief of Emergency Management

cc: Benjamin Mousseau - CEMC
John Stothers - Field Officer - Lakes Sector

DATE OF COUNCIL MTC.	March 3/20
AGENDA ITEM #	13-2

**Ministry of
Municipal Affairs
and Housing**

Office of the Minister

777 Bay Street, 17th Floor
Toronto ON M7A 2J3
Tel.: 416 585-7000

**Ministère des
Affaires municipales
et du Logement**

Bureau du ministre

777, rue Bay, 17^e étage
Toronto ON M7A 2J3
Tél. : 416 585-7000



February 28, 2020

Dear Head of Council:

RE: Provincial Policy Statement, 2020

Earlier today, the government of Ontario released the Provincial Policy Statement (PPS), 2020. The PPS is an important part of Ontario's land use planning system, setting out the provincial land use policy direction that guides municipal decision-making.

Municipalities play a key role in implementing provincial land use policies through local official plans, zoning by-laws and other planning decisions. The Planning Act requires that decisions on land use planning matters be "consistent with" PPS policies.

The PPS, 2020 supports implementation of **More Homes, More Choice**: Ontario's Housing Supply Action Plan and includes key changes to:

- Encourage an increase in the mix and supply of housing
- Protect the environment and public safety
- Reduce barriers and costs for development and provide greater certainty
- Support rural, northern and Indigenous communities
- Support the economy and job creation

The PPS, 2020 works together with other recent changes to the land use planning system – including changes to the Planning Act through Bill 108, More Homes, More Choice Act, 2019 and **A Place to Grow**: Growth Plan for the Greater Golden Horseshoe. Collectively, these changes support key government priorities of increasing housing supply, supporting job creation and reducing red tape – while continuing to protect Ontarians' health and safety and the environment, including the Greenbelt.

The PPS, 2020 policies will take effect on May 1, 2020. It will replace the Provincial Policy Statement, 2014. In accordance with section 3 of the Planning Act, all decisions affecting land use planning matters made after this date shall be consistent with the PPS, 2020. My ministry will be in touch to provide education and training for municipal staff to support implementation of the new policies.

.../2

DATE OF COUNCIL MTG.	March 3/20
AGENDA ITEM #	13-3

For more information about the PPS, 2020, please visit ontario.ca/PPS where you will find:

- A digital version of the PPS, 2020
- A link to the decision notice on the Environment Registry of Ontario (ERO #019-0279)

If you have any questions about the Provincial Policy Statement, 2020, please contact the ministry at provincialplanning@ontario.ca or by calling 1-877-711-8208.

Sincerely,

A handwritten signature in black ink, appearing to read "Steve Clark". The signature is fluid and cursive, with the first name "Steve" and last name "Clark" clearly distinguishable.

Steve Clark
Minister

c: Planning Head, Planning Board Secretary-Treasurer, and/or Clerks

Municipality of Powassan A/P Preliminary Cheque Run (Council Approval Report)

Vendor	Invoice Number	Date	Description	Due Date	Invoice Amt	Approved Amt	Account Number	Account Description	Budgeted \$	YTD Balance
GENERAL GOVERNMENT										
8975	SCOTIABANK VISA, 204 MAIN STREET, NORTH BAY, ON, P1B 2T7									
JAN20LM2	02/12/20 FAIRMOUNT - AMO - RH	02/28/20		\$948.39	\$948.39		10-10-61023	R.HALL- COUNCIL	\$0.00	(\$525.69)
JAN20LM	02/12/20 FAIRMOUNT - AMO - PM	02/28/20		\$948.39	\$948.39		10-10-61026	P.MCISAAC-MAYOR	\$0.00	(\$1,470.27)
JAN20LM3	02/12/20 FAIRMOUNT - AMO - DB	02/28/20		\$948.39	\$948.39		10-10-61027	D.BRITTON- COUNCIL	\$0.00	(\$2,388.64)
JAN20LM4	02/12/20 AMAZON - COAT RACK	02/28/20		\$111.94	\$111.94		10-10-61753	250 CLARK-BUILDING	\$0.00	(\$5,924.26)
JAN20LM5	02/12/20 AMAZON - COAT RACK	02/28/20		\$55.97	\$55.97		10-10-61753	250 CLARK-BUILDING	\$0.00	(\$5,924.26)
JAN20LM7	02/12/20 AMAZON - YOGA MATS	02/28/20		\$142.42	\$142.42		10-10-61754	250 CLARK-PROGRAM	\$0.00	(\$1,464.15)
JAN20LM8	02/12/20 AMAZON - YOGA MATS	02/28/20		\$28.48	\$28.48		10-10-61754	250 CLARK-PROGRAM	\$0.00	(\$1,464.15)
JAN20LM9	02/12/20 AMAZON - YOGA MATS	02/28/20		\$113.93	\$113.93		10-10-61754	250 CLARK-PROGRAM	\$0.00	(\$1,464.15)
JAN20LM6	02/12/20 AMAZON - DUMB BELL WEIGHTS	02/28/20		\$10.80	\$10.80		10-10-61757	FITNESS CENTRE@250	\$0.00	(\$9,473.53)

9080	RECEIVER GENERAL - PAYROLL DEDUCTIONS, ...									
PR1005	02/11/20 Payroll from 1/25/2020 to 2/7/2020	02/11/20		\$7,743.78	\$7,743.78		10-10-33200	A/P FIT	\$0.00	(\$3,330.46)
PR1005	02/11/20 Payroll from 1/25/2020 to 2/7/2020	02/11/20		\$3,457.65	\$3,457.65		10-10-33210	A/P PIT	\$0.00	(\$1,606.63)
PR1005	02/11/20 Payroll from 1/25/2020 to 2/7/2020	02/11/20		\$2,509.70	\$2,509.70		10-10-33220	A/P EI	\$0.00	(\$1,461.66)
PR1005	02/11/20 Payroll from 1/25/2020 to 2/7/2020	02/11/20		\$6,144.84	\$6,144.84		10-10-33230	A/P CPP	\$0.00	(\$2,862.56)
					\$19,855.97					
						\$23,219.19				

Total GENERAL GOVERNMENT

SPORTSPLEX

8975	SCOTIABANK VISA, 204 MAIN STREET, NORTH BAY, ON, P1B 2T7									
JAN20KE	02/12/20 LCBO - SPORTSPLEX TRIVIA AND VOODOOS	02/28/20		\$934.20	\$934.20		10-80-61982	SPORTSPLEX BAR	\$0.00	(\$673.52)
JAN20KE2	02/12/20 OSHells - SPORTSPLEX VOODOOS	02/28/20		\$29.90	\$29.90		10-80-61982	SPORTSPLEX BAR	\$0.00	(\$673.52)
JAN20KE3	02/12/20 LCBO - SPORTSPLEX - PRIVATE RENTAL	02/28/20		\$27.39	\$27.39		10-80-61982	SPORTSPLEX BAR	\$0.00	(\$673.52)
JAN20KE4	02/12/20 LCBO - SPORTSPLEX VOODOOS	02/28/20		\$71.04	\$71.04		10-80-61982	SPORTSPLEX BAR	\$0.00	(\$673.52)
JAN20KE5	02/12/20 OSHells - TRIVIA	02/28/20		\$25.48	\$25.48		10-80-61982	SPORTSPLEX BAR	\$0.00	(\$673.52)
JAN20KE6	02/12/20 OSHells - TRIVIA	02/28/20		\$44.85	\$44.85		10-80-61982	SPORTSPLEX BAR	\$0.00	(\$673.52)
					\$1,132.86					
						\$1,132.86				

Total SPORTSPLEX

Total Bills To Pay:

\$24,352.05

DATE OF COUNCIL MTG.	March 3/20
AGENDA ITEM #	15

Municipality of Powassan
A/P Preliminary Cheque Run
(Council Approval Report)

Vendor		InvoiceNumber	Date	Description	Due Date	Invoice Amt	Approved Amt	Account Number	Account Description	Budgeted \$	YTD Balance
GENERAL GOVERNMENT											
8806	JIM MOORE PETROLEUM, 66 GIBSON STREET, P.O. BOX 508, NORTH BAY , ON, P1B 8J1										
	539880	02/18/20	HST 5%	02/18/20	\$15.45	\$15.45		10-10-24120	A/R-FEDERAL HST- 5%	\$0.00	(\$9,040.06)
	539880	02/18/20	HST 5%	02/18/20	\$15.45	\$15.45		10-10-24120	A/R-FEDERAL HST- 5%	\$0.00	(\$9,040.06)
	539880	02/18/20	HST 5%	02/18/20	\$15.45	\$15.45		10-10-24120	A/R-FEDERAL HST- 5%	\$0.00	(\$9,040.06)
	539880	02/18/20	HST 5%	02/18/20	\$15.45	\$15.45		10-10-24120	A/R-FEDERAL HST- 5%	\$0.00	(\$9,040.06)
	539880	02/18/20	HST recoverable	02/18/20	\$19.28	\$19.28		10-10-24125	A/R HST 8% (6.24) PRO	\$0.00	(\$8,929.87)
	539880	02/18/20	HST recoverable	02/18/20	\$19.28	\$19.28		10-10-24125	A/R HST 8% (6.24) PRO	\$0.00	(\$8,929.87)
	539880	02/18/20	HST recoverable	02/18/20	\$19.28	\$19.28		10-10-24125	A/R HST 8% (6.24) PRO	\$0.00	(\$8,929.87)
							\$138.92				
8862	MOORE PROPANE LIMITED, 56 GIBSON ST, NORTH BAY , ON, P1B 8Z4										
	899243	02/19/20	HST 8%	02/19/20	\$4.08	\$4.08		10-10-24110	A/R-FEDERAL GST-ITC	\$0.00	(\$6,560.04)
	899242	02/19/20	HST 5%	02/19/20	\$3.83	\$3.83		10-10-24120	A/R-FEDERAL HST- 5%	\$0.00	(\$9,040.06)
	899243	02/19/20	HST 5%	02/19/20	\$2.55	\$2.55		10-10-24120	A/R-FEDERAL-HST- 5%	\$0.00	(\$9,040.06)
	899242	02/19/20	HST recoverable	02/19/20	\$4.78	\$4.78		10-10-24125	A/R HST 8% (6.24) PRO	\$0.00	(\$8,929.87)
							\$15.24				
8945	PUROLATOR COURIER LIMITED, P.O. BOX 4800 STATION MAIN, CONCORD, ON, L4K 0K1										
	443740962	02/18/20	HST 5%	02/18/20	\$1.77	\$1.77		10-10-24120	A/R-FEDERAL HST- 5%	\$0.00	(\$9,040.06)
	443740962	02/18/20	HST recoverable	02/18/20	\$2.21	\$2.21		10-10-24125	A/R HST 8% (6.24) PRO	\$0.00	(\$8,929.87)
	443740962	02/18/20	SHIPPING	02/18/20	\$35.99	\$35.99		10-10-61600	POSTAGE/COURIER/C	\$0.00	(\$3,948.35)
							\$39.97				
8954	RELIANCE HOME COMFORT, PAYMENT PROCESSING CENTRE, PO BOX 4504 STATION A 25 THE ESPLANADE, TORONTO , ON, M5W 4J8										
	109550013140739	02/18/20	HST 5%	02/18/20	\$7.45	\$7.45		10-10-24120	A/R-FEDERAL HST- 5%	\$0.00	(\$9,040.06)
	109550013140739	02/18/20	HST recoverable	02/18/20	\$9.29	\$9.29		10-10-24125	A/R HST 8% (6.24) PRO	\$0.00	(\$8,929.87)
							\$16.74				
8982	SPECTRUM TELECOM GROUP LTD, 132 IMPERIAL ROAD, NORTH BAY , ON, P1A 4M5										
	1125005	02/19/20	HST 5%	02/19/20	\$15.30	\$15.30		10-10-24120	A/R-FEDERAL HST- 5%	\$0.00	(\$9,040.06)
	1125005	02/19/20	HST recoverable	02/19/20	\$19.09	\$19.09		10-10-24125	A/R HST 8% (6.24) PRO	\$0.00	(\$8,929.87)
							\$34.39				
9009	TOWNSHIP OF BONFIELD, 365 HWY 531, BONFIELD , ON, P0H 1E0										
	FEB 5 2020	02/18/20	HST 5%	02/18/20	\$25.03	\$25.03		10-10-24120	A/R-FEDERAL HST- 5%	\$0.00	(\$9,040.06)
	FEB 5 2020	02/18/20	HST recoverable	02/18/20	\$31.24	\$31.24		10-10-24125	A/R HST 8% (6.24) PRO	\$0.00	(\$8,929.87)
	FEB 5 2020	02/18/20	SHARED SERVICES TRAINING	02/18/20	\$509.43	\$509.43		10-10-61530	CONVENTION/TRAININ	\$0.00	\$83.00
							\$566.70				
9023	UNION GAS, PO BOX 4001 STN A, TORONTO, ON, M5W 0G2										
	6989579 2679147	02/18/20	HST 8%	02/18/20	\$106.66	\$106.66		10-10-24110	A/R-FEDERAL GST-ITC	\$0.00	(\$6,560.04)

Municipality of Powassan
A/P Preliminary Cheque Run
(Council Approval Report)

Vendor

Invoice Number	Date	Description	Due Date	Invoice Amt	Approved Amt	Account Number	Account Description	Budgeted \$	YTD Balance
1173474 3066642	02/18/20	HST 5%	02/18/20	\$21.43	\$21.43	10-10-24120	A/R-FEDERAL HST- 5%	\$0.00	(\$9,040.06)
6989579 2679147	02/18/20	HST 5%	02/18/20	\$66.66	\$66.66	10-10-24120	A/R-FEDERAL HST- 5%	\$0.00	(\$9,040.06)
1173474 3066642	02/18/20	HST recoverable	02/18/20	\$26.74	\$26.74	10-10-24125	A/R HST 8% (6.24) PRO	\$0.00	(\$8,929.87)
6989579 2679147	02/18/20	GAS @ 250-1742	02/18/20	\$1,333.20	\$1,333.20	10-10-61753	250 CLARK-BUILDING E	\$0.00	(\$9,678.57)
					\$1,554.69				
9024		UNITED RENTALS OF CANADA, C/O T52638, P.O. BOX 4526, POSTAL STATION A, TORONTO, ON, M5W 5Z9							
175111021-004	02/18/20	HST 5%	02/18/20	\$16.22	\$16.22	10-10-24120	A/R-FEDERAL HST- 5%	\$0.00	(\$9,040.06)
175111021-004	02/18/20	HST recoverable	02/18/20	\$20.24	\$20.24	10-10-24125	A/R HST 8% (6.24) PRO	\$0.00	(\$8,929.87)
175111021-004	02/18/20	FENCE	02/18/20	\$330.00	\$330.00	10-10-35515	DEFERRED REV.-MISC.	\$0.00	(\$124,778.09)
					\$366.46				
9082		RECEIVER GENERAL - RADIO, POSTAL STATION D, BOX 2330, OTTAWA, ON, K1P6K1							
20200031813	02/19/20	HST 5%	02/19/20	\$64.26	\$64.26	10-10-24120	A/R-FEDERAL HST- 5%	\$0.00	(\$9,040.06)
20200031813	02/19/20	HST recoverable	02/19/20	\$80.20	\$80.20	10-10-24125	A/R HST 8% (6.24) PRO	\$0.00	(\$8,929.87)
					\$144.46				
9237		DYNAMIC ONLINE MARKETING CORP., 241 APPLEWOOD CRESCENT # 4, CONCORD, ON, L4K 4E6							
127300	02/18/20	HST 5%	02/18/20	\$19.75	\$19.75	10-10-24120	A/R-FEDERAL HST- 5%	\$0.00	(\$9,040.06)
127300	02/18/20	HST recoverable	02/18/20	\$24.65	\$24.65	10-10-24125	A/R HST 8% (6.24) PRO	\$0.00	(\$8,929.87)
					\$44.40				
9877		KRB MECHANICAL LTD, 50-A VENTURE CRESCENT, NORTH BAY, ON, P1A 0E5							
2706	02/18/20	HST 5%	02/18/20	\$18.38	\$18.38	10-10-24120	A/R-FEDERAL HST- 5%	\$0.00	(\$9,040.06)
2736	02/18/20	HST 5%	02/18/20	\$149.70	\$149.70	10-10-24120	A/R-FEDERAL HST- 5%	\$0.00	(\$9,040.06)
2737	02/18/20	HST 5%	02/18/20	\$31.65	\$31.65	10-10-24120	A/R-FEDERAL HST- 5%	\$0.00	(\$9,040.06)
2706	02/18/20	HST recoverable	02/18/20	\$22.93	\$22.93	10-10-24125	A/R HST 8% (6.24) PRO	\$0.00	(\$8,929.87)
2736	02/18/20	HST recoverable	02/18/20	\$186.83	\$186.83	10-10-24125	A/R HST 8% (6.24) PRO	\$0.00	(\$8,929.87)
2737	02/18/20	HST recoverable	02/18/20	\$39.50	\$39.50	10-10-24125	A/R HST 8% (6.24) PRO	\$0.00	(\$8,929.87)
2706	02/18/20	NO HEAT CALL	02/18/20	\$373.97	\$373.97	10-10-61753	250 CLARK-BUILDING E	\$0.00	(\$9,678.57)
2736	02/18/20	MAINTENANCE CONTRACT	02/18/20	\$3,046.69	\$3,046.69	10-10-61753	250 CLARK-BUILDING E	\$0.00	(\$9,678.57)
2737	02/18/20	BOILER REPAIR	02/18/20	\$644.14	\$644.14	10-10-61753	250 CLARK-BUILDING E	\$0.00	(\$9,678.57)
					\$4,513.79				
10059		LBEL INC, P.O. BOX 4094, STATION A, TORONTO, ON, M5W3T1							
1291505	02/19/20	HST 5%	02/19/20	\$18.60	\$18.60	10-10-24120	A/R-FEDERAL HST- 5%	\$0.00	(\$9,040.06)
1291505	02/19/20	HST recoverable	02/19/20	\$23.21	\$23.21	10-10-24125	A/R HST 8% (6.24) PRO	\$0.00	(\$8,929.87)
1291505	02/19/20	COPIER LEASE	02/19/20	\$378.55	\$378.55	10-10-61600	POSTAGE/COURIER/C	\$0.00	(\$3,948.35)
					\$420.36				
10093		AKFIT, 797 BARRYDOWNE, SUDBURY, ON, P3A3T6							
68476	02/19/20	HST 5%	02/19/20	\$4.95	\$4.95	10-10-24120	A/R-FEDERAL HST- 5%	\$0.00	(\$9,040.06)
68476	02/19/20	HST recoverable	02/19/20	\$6.18	\$6.18	10-10-24125	A/R HST 8% (6.24) PRO	\$0.00	(\$8,929.87)
68476	02/19/20	TREADMILL REPAIRS	02/19/20	\$100.74	\$100.74	10-10-61757	FITNESS CENTRE@250	\$0.00	(\$9,666.22)

A/P Preliminary Cheque Run (Council Approval Report)

Vendor

Invoice Number	Date	Description	Due Date	Invoice Amt	Approved Amt	Account Number	Account Description	Budgeted \$	YTD Balance
\$111.87									
10201	NORTH BAY CENTRAL AMBULANCE COMMUNICATIONS CENTRE, C/O NBRHC, 50 COLLAGE DRIVE, NORTH BAY, ON, P1B 0A4								
2020-01	02/18/20	HST 5%	02/18/20	\$9.73	\$9.73	10-10-24120	A/R-FEDERAL HST- 5%	\$0.00	(\$9,040.06)
2020-01	02/18/20	HST recoverable	02/18/20	\$12.15	\$12.15	10-10-24125	A/R HST 8% (6.24) PRO	\$0.00	(\$8,929.87)
\$21.88									
10236	XEROX CANADA LTD., P.O. BOX 4539 STN A, TORONTO, ON, M5W 4P5								
55431602	02/19/20	HST 5%	02/19/20	\$15.36	\$15.36	10-10-24120	A/R-FEDERAL HST- 5%	\$0.00	(\$9,040.06)
55431602	02/19/20	HST recoverable	02/19/20	\$19.17	\$19.17	10-10-24125	A/R HST 8% (6.24) PRO	\$0.00	(\$8,929.87)
55431602	02/19/20	PER COPY CHARGE	02/19/20	\$312.67	\$312.67	10-10-61600	POSTAGE/COURIER/C	\$0.00	(\$3,948.35)
\$347.20									
10280	CRD CREIGHTON, 2222 DREW ROAD, MISSISSAUGA, ON, L5S 1B1								
196316	02/18/20	HST 5%	02/18/20	\$100.82	\$100.82	10-10-24120	A/R-FEDERAL HST- 5%	\$0.00	(\$9,040.06)
196316	02/18/20	HST recoverable	02/18/20	\$125.82	\$125.82	10-10-24125	A/R HST 8% (6.24) PRO	\$0.00	(\$8,929.87)
\$226.64									
10305	CHESTER POLESKY, ...								
2020 CARNIVAL	02/18/20	HST 5%	02/18/20	\$103.81	\$103.81	10-10-24120	A/R-FEDERAL HST- 5%	\$0.00	(\$9,040.06)
2020 CARNIVAL	02/18/20	HST recoverable	02/18/20	\$129.55	\$129.55	10-10-24125	A/R HST 8% (6.24) PRO	\$0.00	(\$8,929.87)
\$233.36									
10345	THE GOOD FOOD BOX, 1181 CASSELLS ST, NORTH BAY, ON, P1B 4B4								
FEB 2020	02/18/20	FEB GOOD FOOD BOX	02/18/20	\$850.00	\$850.00	10-10-57042	250 CLARK-PROGRAM	\$0.00	(\$4,832.75)
\$850.00									
10411	BYERS FARMS, BOX 747, 271 PURDON LINE, POWASSAN, ON,								
21	02/18/20	HST 5%	02/18/20	\$105.00	\$105.00	10-10-24120	A/R-FEDERAL HST- 5%	\$0.00	(\$9,040.06)
21	02/18/20	HST recoverable	02/18/20	\$131.04	\$131.04	10-10-24125	A/R HST 8% (6.24) PRO	\$0.00	(\$8,929.87)
\$236.04									
10412	SHELLEY BUSCH, ...								
2020 CARNIVAL	02/19/20	HST 5%	02/19/20	\$33.19	\$33.19	10-10-24120	A/R-FEDERAL HST- 5%	\$0.00	(\$9,040.06)
2020 CARNIVAL	02/19/20	HST recoverable	02/19/20	\$41.42	\$41.42	10-10-24125	A/R HST 8% (6.24) PRO	\$0.00	(\$8,929.87)
\$74.61									
\$9,956.72									
Total GENERAL GOVERNMENT									
FIRE DEPARTMENT									
9023	UNION GAS, PO BOX 4001 STN A, TORONTO, ON, M5W 0G2								
1173474 3066642	02/18/20	FIRE DEPT.-OPERATIONS	02/18/20	\$436.06	\$436.06	10-10-15-62020	FIRE DEPT.-OPERATIO	\$0.00	(\$3,355.84)
6989579 2679147	02/18/20	TCFD NATURAL GAS - 2467	02/18/20	\$0.00	\$0.00	10-10-15-62020	FIRE DEPT.-OPERATIO	\$0.00	(\$3,355.84)

Municipality of Powassan
A/P Preliminary Cheque Run
(Council Approval Report)

Vendor		Invoice Number		Date	Description	Due Date	Invoice Amt	Approved Amt	Account Number	Account Description	Budgeted \$	YTD Balance
9082	RECEIVER GENERAL - RADIO, POSTAL STATION D, BOX 2330, OTTAWA, ON, K1P6K1							\$436.06				
20200031813	02/19/20 RADIO LICENCE	02/19/20	\$1,307.80				\$1,307.80		10-15-62020	FIRE DEPT.-OPERATIO	\$0.00	(\$3,355.84)
9237	DYNAMIC ONLINE MARKETING CORP., 241 APPLEWOOD CRESCENT # 4, CONCORD, ON, L4K 4E6							\$1,307.80				
127300	02/18/20 EQUIPMENT	02/18/20	\$401.95				\$401.95		10-15-62040	FIRE DEPT.-EQUIPMEN	\$0.00	(\$918.34)
10201	NORTH BAY CENTRAL AMBULANCE COMMUNICATIONS CENTRE, C/O NBRHC, 50 COLLAGE DRIVE, NORTH BAY, ON, P1B 0A4							\$401.95				
2020-01	02/18/20 FIRE DEPT. ANSWERING SERVICE	02/18/20	\$198.12				\$198.12		10-15-62000	FIRE DEPT. ANSWERIN	\$0.00	(\$103.20)
							\$198.12					
							\$2,343.93					
Total FIRE DEPARTMENT												
PUBLIC WORKS												
8806	JIM MOORE PETROLEUM, 66 GIBSON STREET, P.O. BOX 508, NORTH BAY, ON, P1B 8J1											
539880	02/18/20 FUEL FOR 2014 FREIGHTLINER	02/18/20	\$314.46				\$314.46		10-20-63505	2014 FREIGHTLINER-	\$0.00	(\$1,171.99)
539880	02/18/20 FUEL FOR 2011 FREIGHTLINER	02/18/20	\$314.46				\$314.46		10-20-63520	2011 FREIGHTLINER- BL	\$0.00	(\$6,457.66)
539880	02/18/20 FUEL FOR 2013 FREIGHTLINER	02/18/20	\$314.44				\$314.44		10-20-63560	2013 FREIGHTLINER TR	\$0.00	(\$6,360.79)
8982	SPECTRUM TELECOM GROUP LTD, 132 IMPERIAL ROAD, NORTH BAY, ON, P1A 4M5							\$943.36				
1125005	02/19/20 MONTHLY TOWER RENTAL	02/19/20	\$311.39				\$311.39		10-20-63060	PUBLIC WORKS-MATE	\$0.00	(\$3,193.74)
9023	UNION GAS, PO BOX 4001 STN A, TORONTO, ON, M5W 0G2							\$311.39				
6989579 2679147	02/18/20 PW SHOPS NATURAL GAS - 2330	02/18/20	\$0.00				\$0.00		10-20-63062	PUBLIC WORKS BLDGS	\$0.00	(\$1,382.74)
6989579 2679147	02/18/20 PW SHOPS NATURAL GAS - 1890	02/18/20	\$0.00				\$0.00		10-20-63062	PUBLIC WORKS BLDGS	\$0.00	(\$1,382.74)
9758	BELL TV, P.O. BOX 3250, STATION DON MILLS, NORTH YORK, ON, M3C 4C9							\$0.00				
845520062011066	02/18/20 PUBLIC WORKS-MATERIAL & SUPPLIES	02/18/20	\$82.20				\$82.20		10-20-63060	PUBLIC WORKS-MATE	\$0.00	(\$3,193.74)
10280	CRD CREIGHTON, 2222 DREW ROAD, MISSISSAUGA, ON, L5S 1B1							\$82.20				
196316	02/18/20 ICE BLADES	02/18/20	\$2,051.80				\$2,051.80		10-20-63420	WINTER CONTROL-MA	\$0.00	(\$379.70)
10411	BYERS FARMS, BOX 747, 271 PURDON LINE, POWASSAN, ON,							\$2,051.80				
21	02/18/20 SNOW REMOVAL	02/18/20	\$2,136.96				\$2,136.96		10-20-63420	WINTER CONTROL-MA	\$0.00	(\$379.70)
							\$2,136.96					

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(Council Approval Report)

Vendor	Invoice Number	Date	Description	Due Date	Invoice Amt	Approved Amt	Account Number	Account Description	Budgeted \$	YTD Balance
Total PUBLIC WORKS										
ENVIRONMENT										
	8806	JIM MOORE PETROLEUM, 66 GIBSON STREET, P.O. BOX 508, NORTH BAY, ON, P1B 8J1								
	539880	02/18/20 FUEL FOR GARBAGE TRUCK		02/18/20	\$314.46	\$314.46	10-25-64830	GARBAGE VEHICLE EX	\$0.00	(\$1,767.05)
Total ENVIRONMENT										
WATER										
	9023	UNION GAS, PO BOX 4001 STN A, TORONTO, ON, M5W 0G2								
	6989579	2679147 02/18/20 34 MCRAE DR NATURAL GAS - 7940		02/18/20	\$0.00	\$0.00	10-30-64530	WATER DISTRIBUTION-	\$0.00	(\$145.10)
Total WATER										
SEWER										
	9023	UNION GAS, PO BOX 4001 STN A, TORONTO, ON, M5W 0G2								
	6989579	2679147 02/18/20 SEWER PUMPHOUSE NATURAL GAS - 9269		02/18/20	\$0.00	\$0.00	10-40-64110	SEWER PUMPHOUSE-	\$0.00	(\$70.12)
Total SEWER										
RECREATION										
	9023	UNION GAS, PO BOX 4001 STN A, TORONTO, ON, M5W 0G2								
	6989579	2679147 02/18/20 POOL NATURAL GAS - 1355		02/18/20	\$0.00	\$0.00	10-55-67110	POOL-MATERIAL & SUP	\$0.00	(\$77.33)
	6989579	2679147 02/18/20 SHCC NATURAL GAS - 1465		02/18/20	\$0.00	\$0.00	10-55-67410	SHCC-MAT/SUPPLIES	\$0.00	(\$398.91)
Total RECREATION										
HEALTH SERVICES										
	9023	UNION GAS, PO BOX 4001 STN A, TORONTO, ON, M5W 0G2								
	6989579	2679147 02/18/20 MEDICAL CENTRE NATURAL GAS - 1396		02/18/20	\$0.00	\$0.00	10-60-65310	MEDICAL CENTRE-MAT	\$0.00	\$0.00
Total HEALTH SERVICES										

A/P Preliminary Cheque Run

(Council Approval Report)

Vendor

Invoice Number	Date	Description	Due Date	Invoice Amt	Approved Amt	Account Number	Account Description	Budgeted \$	YTD Balance
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HISTORICAL & CULTURE

8954	109550013140739	RELANCE HOME COMFORT, PAYMENT PROCESSING CENTRE, PO BOX 4504 STATION A 25 THE ESPLANADE, TORONTO, ON, M5W 4J8	02/18/20	\$151.55	\$151.55	10-65-67680	POWASSAN LEGION E	\$0.00	(\$5,309.39)
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\$151.55

9023	6989579 2679147	UNION GAS, PO BOX 4001 STN A, TORONTO, ON, M5W 0G2	02/18/20	\$0.00	\$0.00	10-65-67680	POWASSAN LEGION E	\$0.00	(\$5,309.39)
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\$0.00

Total HISTORICAL & CULTURE

\$151.55

TROUT CREEK COMMUNITY CENTRE

8862	899243	MOORE PROPANE LIMITED, 56 GIBSON ST, NORTH BAY , ON, P1B 8Z4	02/19/20	\$51.02	\$51.02	10-75-61800	SUPPLIES	\$0.00	(\$859.46)
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\$51.02

9023	6989579 2679147	UNION GAS, PO BOX 4001 STN A, TORONTO, ON, M5W 0G2	02/18/20	\$0.00	\$0.00	10-75-61620	NATURAL GAS	\$0.00	(\$732.12)
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\$0.00

10303	2020 CARNIVAL	BRAD ROWLAND, , , ,	02/19/20	\$240.00	\$240.00	10-75-61830	CARNIVAL	\$0.00	(\$10,070.31)
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\$240.00

10305	2020 CARNIVAL	CHESTER POLESKY, , , ,	02/18/20	\$2,112.64	\$2,112.64	10-75-61830	CARNIVAL	\$0.00	(\$10,070.31)
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\$2,112.64

10412	2020 CARNIVAL	SHELLEY BUSCH, , , ,	02/19/20	\$675.39	\$675.39	10-75-61830	CARNIVAL	\$0.00	(\$10,070.31)
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\$675.39

Total TROUT CREEK COMMUNITY CENTRE

\$3,079.05

SPORTSPLEX

8862	899242	MOORE PROPANE LIMITED, 56 GIBSON ST, NORTH BAY , ON, P1B 8Z4	02/19/20	\$77.87	\$77.87	10-80-61930	ZAMBONI-REPAIRS & M	\$0.00	(\$654.06)
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\$77.87

9023	6989579 2679147	UNION GAS, PO BOX 4001 STN A, TORONTO, ON, M5W 0G2	02/18/20	\$0.00	\$0.00	10-80-61620	NATURAL GAS	\$0.00	(\$2,231.48)
	6989579 2679147	SPORTSPLEX:NATURAL GAS (A) - 1336	02/18/20	\$0.00	\$0.00	10-80-61620	NATURAL GAS	\$0.00	(\$2,231.48)

Municipality of Powassan
A/P Preliminary Cheque Run
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Vendor		Description	Due Date	Invoice Amt	Approved Amt	Account Number	Account Description	Budgeted \$	YTD Balance
Invoice Number	Date								

\$0.00
\$77.87

Total Bills To Pay:

\$21,449.29

Total SPORTSPLEX

Municipality of Powassan
A/P Preliminary Cheque Run
(Council Approval Report)

Vendor Invoice Number	Date	Description	Due Date	Invoice Amt	Approved Amt	Account Number	Account Description	Budgeted \$	YTD Balance
GENERAL GOVERNMENT									
9026 256341	02/20/20	USTI CANADA INC., C/O LOCKBOX #18500, PO BOX 4080 STN A, TORONTO, ON, M5W0E9 02/20/20 SOFTWARE UPDATE AND MAINTENANCE 202002/20/20	02/20/20	\$10,582.43	\$10,582.43	10-10-61570	COMPUTERS	\$0.00	(\$814.08)
9610 17515	02/20/20	SHEAR DISPLAY, P.O. BOX 340, DRUMBO, ON, NOJ 1G0 02/20/20 CHRISTMAS WREATHS	02/20/20	\$7,030.60	\$11,751.32	10-10-68410	BIA-MAT/SUPPLIES	\$0.00	(\$1,257.75)
9768 1679059-0	02/20/20	OFFICE CENTRAL, 498 MARKLAND STREET BLDG 7, MARKHAM, ON, L6C 1Z6 02/20/20 SELF INKING STAMPS	02/20/20	\$73.86	\$7,807.17	10-10-61540	OFFICE SUPPLIES	\$0.00	(\$1,550.75)
Total GENERAL GOVERNMENT					\$20,374.75				
FIRE DEPARTMENT									
8797 3741	02/20/20	INSERVUS MANAGEMENT SYSTEMS, 1971 BOND STREET, NORTH BAY 02/20/20 BUNKER GEAR REPAIRS	02/20/20	\$206.08	\$206.08	10-15-62020	FIRE DEPT.-OPERATIONS	\$0.00	(\$5,129.28)
8890 115672	02/20/20	NORTH BAY MAT RENTAL, BOX 462, NORTH BAY, ON, P1B 8J1 02/20/20 MAT RENTAL	02/20/20	\$17.55	\$17.55	10-15-62010	FIRE DEPT.-MAINTENANCE	\$0.00	(\$52.65)
10413 59233	02/20/20	STINSON EQUIPMENT LIMITED, 130 CREDITSTONE ROAD, CONCORD, ON, L4K 1P2 02/20/20 HYDRANT MARKERS	02/20/20	\$555.68	\$555.68	10-15-62040	FIRE DEPT.-EQUIPMENT	\$0.00	(\$1,320.29)
Total FIRE DEPARTMENT					\$779.31				
PUBLIC WORKS									
9053 71054	02/20/20	ANDERSON & ROSS LTD., 1350 FRANKLIN ST., NORTH BAY, ON, P1B 2M3 02/20/20 OVERHEAD DOOR REPAIR	02/20/20	\$823.75	\$823.75	10-20-63060	PUBLIC WORKS-	\$0.00	(\$3,587.33)
9801 FEB 18 2020	02/20/20	EMPLOYEE DENTAL	02/20/20	\$148.00	\$148.00	10-20-61510	BENEFITS	\$0.00	(\$1,600.00)
Total PUBLIC WORKS					\$971.75				
ENVIRONMENT									
8751 4417	02/20/20	EVAN HUGHES EXCAVATING, 118 HIGHWAY 534, POWASSAN 02/20/20 GARBAGE COMPACTING	02/20/20	\$1,221.12	\$1,221.12	10-25-64910	LANDFILL SITE-	\$0.00	(\$294.68)
Total ENVIRONMENT					\$1,221.12				

**Municipality of Powassan
A/P Preliminary Cheque Run
(Council Approval Report)**

Vendor Invoice Number	Date	Description	Due Date	Invoice Amt	Approved Amt	Account Number	Account Description	Budgeted \$	YTD Balance
<u>PLANNING & DEVELOPMENT</u>									
9479 43922	02/20/20	CGIS SPATIAL SOLUTIONS, 52 SOUTH STREET, PERTH, ON, K7H 2G7 02/20/20 SLIMS GEOSPATIAL APPLICATION	02/20/20	\$3,630.49	\$3,630.49	10-70-68010	PLANNING &	\$0.00	(\$3,698.17)
				\$3,630.49					
				\$3,630.49					
Total PLANNING & DEVELOPMENT									
<u>TROUT CREEK COMMUNITY CENTRE</u>									
9107 FEB 20 2020	02/20/20	THE BEER STORE, ... 02/20/20 BAR STOCK	02/20/20	\$192.71	\$192.71	10-75-61865	TCCC BAR EXPENSES	\$0.00	(\$745.65)
				\$192.71					
				\$192.71					
Total TROUT CREEK COMMUNITY CENTRE									
Total Bills To Pay:				\$27,170.13					

Vendor	InvoiceNumber	Date	Description	Due Date	Invoice Amt	Approved Amt	Account Number	Account Description	Budgeted \$	YTD Balance	
GENERAL GOVERNMENT											
8848	MINISTER OF FINANCE - EHT, P.O. BOX 620 (EHT), OSHAWA, ON, L1H 8E9										
	PR1005	02/11/20	Payroll from 1/25/2020 to 2/7/2020	02/11/20	\$1,328.81	\$1,328.81	10-10-33320	A/P EHT	\$0.00	\$1,972.30	
	PR1006	02/25/20	Payroll from 2/8/2020 to 2/21/2020	02/25/20	\$1,335.02	\$1,335.02	10-10-33320	A/P EHT	\$0.00	\$1,972.30	
						\$2,663.83					
8903	OMERS, P.O. BOX 19575 SUITE 1701, TORONTO, ON, M7Y 3M1										
	PR1005	02/11/20	Payroll from 1/25/2020 to 2/7/2020	02/11/20	\$9,628.54	\$9,628.54	10-10-33310	A/P OMERS	\$0.00	(\$7,134.22)	
	PR1006	02/25/20	Payroll from 2/8/2020 to 2/21/2020	02/25/20	\$9,379.76	\$9,379.76	10-10-33310	A/P OMERS	\$0.00	(\$7,134.22)	
						\$19,008.30					
8975	SCOTIABANK VISA, 204 MAIN STREET, NORTH BAY, ON, P1B 2T7										
	L1BF20	02/19/20	LIB - FEB VISA	02/28/20	\$1,561.85	\$1,561.85	10-10-24600	A/R LIBRARY BOARD	\$0.00	(\$9,126.87)	
	KB3FEB20	02/19/20	FACEBOOK PROMO	02/28/20	\$15.00	\$15.00	10-10-61055	FESTIVAL'S	\$0.00	(\$15.00)	
	ML4FEB20	02/19/20	DENTIST	02/28/20	\$39.00	\$39.00	10-10-61510	BENEFITS	\$0.00	(\$4,398.08)	
	MM2FEB20	02/19/20	I CLOUD - MUN PHONE - MM	02/28/20	\$1.46	\$1.46	10-10-61510	BENEFITS	\$0.00	(\$4,398.08)	
	FYFEB20	02/19/20	VISA - ANNUAL FEE - FY	02/28/20	\$75.00	\$75.00	10-10-61660	BANK CHARGES &	\$0.00	(\$2,001.52)	
	KH5FEB20	02/19/20	VISA - ANNUAL FEE - KH	02/28/20	\$75.00	\$75.00	10-10-61660	BANK CHARGES &	\$0.00	(\$2,001.52)	
	ML2FEB20	02/19/20	VISA ANNUAL FEE - ML	02/28/20	\$105.00	\$105.00	10-10-61660	BANK CHARGES &	\$0.00	(\$2,001.52)	
	RFEB20	02/19/20	VISA ANNUAL FEE - RG	02/28/20	\$105.00	\$105.00	10-10-61660	BANK CHARGES &	\$0.00	(\$2,001.52)	
	MLFEB20	02/19/20	AMCTO - ML MEMBERSHIP	02/28/20	\$412.14	\$412.14	10-10-61730	MEMBERSHIPS &	\$0.00	(\$2,801.37)	
	KH2FEB20	02/19/20	ALL SHELTER SALES & RENTALS - GLASSES/TABLECLOTHS - MAGIC SHOW	02/28/20	\$164.85	\$164.85	10-10-61754	250 CLARK-PROGRAM	\$0.00	(\$4,220.81)	
	KH3FEB20	02/19/20	DINNER - FOR MAGIC SHOW	02/28/20	\$2,200.00	\$2,200.00	10-10-61754	250 CLARK-PROGRAM	\$0.00	(\$4,220.81)	
	KHFE20	02/19/20	IKEA - NAPKINS FOR MAGIC SHOW	02/28/20	\$12.18	\$12.18	10-10-61754	250 CLARK-PROGRAM	\$0.00	(\$4,220.81)	
							\$5,145.06				
	9040	WORKPLACE SAFETY & INSURANCE BOARD, P.O. BOX 4115, STATION A, TORONTO, ON, M5W 2V3									
PR1005		02/11/20	Payroll from 1/25/2020 to 2/7/2020	02/11/20	\$2,219.01	\$2,219.01	10-10-33330	A/P WSIB	\$0.00	\$554.24	
PR1006		02/25/20	Payroll from 2/8/2020 to 2/21/2020	02/25/20	\$2,229.57	\$2,229.57	10-10-33330	A/P WSIB	\$0.00	\$554.24	
						\$4,448.58					
9080	RECEIVER GENERAL - PAYROLL DEDUCTIONS, , , ,										
	PR1006	02/25/20	Payroll from 2/8/2020 to 2/21/2020	02/25/20	\$7,857.32	\$7,857.32	10-10-33200	A/P FIT	\$0.00	(\$3,330.46)	
	PR1006	02/25/20	Payroll from 2/8/2020 to 2/21/2020	02/25/20	\$3,550.10	\$3,550.10	10-10-33210	A/P PIT	\$0.00	(\$1,606.63)	
	PR1006	02/25/20	Payroll from 2/8/2020 to 2/21/2020	02/25/20	\$2,522.24	\$2,522.24	10-10-33220	A/P EI	\$0.00	(\$1,461.66)	
	PR1006	02/25/20	Payroll from 2/8/2020 to 2/21/2020	02/25/20	\$6,202.68	\$6,202.68	10-10-33230	A/P CPP	\$0.00	(\$2,862.56)	
						\$20,132.34					
						\$51,398.11					
Total GENERAL GOVERNMENT											
FIRE DEPARTMENT											
8975	SCOTIABANK VISA, 204 MAIN STREET, NORTH BAY, ON, P1B 2T7										
	BC2FEB20	02/19/20	CLEMENTS IDA - FIRE DEPT SUPPLIES	02/28/20	\$14.63	\$14.63	10-15-62020	FIRE DEPT.-OPERATIONS	\$0.00	(\$5,335.36)	
BCFEB20	02/19/20	LU LU'S - FIRE DEPT	02/28/20	\$14.95	\$14.95	10-15-62020	FIRE DEPT.-OPERATIONS	\$0.00	(\$5,335.36)		
						\$29.58					
						\$29.58					
Total FIRE DEPARTMENT											

Municipality of Powassan
A/P Preliminary Cheque Run
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Invoice Number	Date	Description	Due Date	Invoice Amt	Approved Amt	Account Number	Account Description	Budgeted \$	YTD Balance
<u>PUBLIC WORKS</u>									
8975	SCOTIABANK VISA, 204 MAIN STREET, NORTH BAY , ON, P1B 2T7								
ML3FEB20	02/19/20 MARKS - PW - AL		02/28/20	\$86.49	\$86.49	10-20-61510	BENEFITS	\$0.00	(\$1,834.49)
CM2FEB20	02/19/20 ROYAL YORK - CM - OGRA CONFERENCE		02/28/20	\$682.61	\$682.61	10-20-63040	TRAINING &	\$0.00	(\$1,425.46)
CMFEB20	02/19/20 ONTARIO GOOD ROADS ASSOC - CONFERENCE - CM		02/19/20	\$742.85	\$742.85	10-20-63040	TRAINING &	\$0.00	(\$1,425.46)
Total PUBLIC WORKS				\$1,511.95	\$1,511.95				
<u>BUILDING DEPARTMENT</u>									
8975	SCOTIABANK VISA, 204 MAIN STREET, NORTH BAY , ON, P1B 2T7								
BMFEB20	02/19/20 FUEL - MUN VEHICLE - ESSO		02/28/20	\$40.00	\$40.00	10-45-62715	CBO/BYLAW/PROP STD	\$0.00	(\$238.48)
KH4FEB20	02/19/20 PETRO - FUEL FOR MUN VEHICLE		02/20/20	\$59.80	\$59.80	10-45-62715	CBO/BYLAW/PROP STD	\$0.00	(\$238.48)
MMFEB20	02/19/20 GIESLER MARINE - OIL CHANGE - MUN		02/19/20	\$78.35	\$78.35	10-45-62715	CBO/BYLAW/PROP STD	\$0.00	(\$238.48)
Total BUILDING DEPARTMENT				\$178.15	\$178.15				
<u>PROTECTION TO PERSONS & PROPERTY</u>									
8750	MUNICIPAL LAW ENFORCEMENT OFFICERS' ASSOCIATION, C/O KIM FAIRFULL, 16 MALVERN CRESCENT, GUELPH, ON, N1L 1G8								
FEB 3 2020	02/03/20 MEMBERSHIP		02/03/20	\$110.00	\$110.00	10-50-62585	PROPERTY STANDARDS	\$0.00	(\$2,351.00)
8975	SCOTIABANK VISA, 204 MAIN STREET, NORTH BAY , ON, P1B 2T7								
BM2FEB20	02/19/20 ONT ASSOC OF PROP STAND - BM - ANNUEL MEMBERSHIP		02/20/20	\$78.00	\$78.00	10-50-62585	PROPERTY STANDARDS	\$0.00	(\$2,351.00)
Total PROTECTION TO PERSONS & PROPERTY				\$78.00	\$188.00				
<u>TROUT CREEK COMMUNITY CENTRE</u>									
8975	SCOTIABANK VISA, 204 MAIN STREET, NORTH BAY , ON, P1B 2T7								
TF2FEB20	02/19/20 OSHELLS - CARNIVAL - BAR SUPPLIES		02/28/20	\$123.95	\$123.95	10-75-61830	CARNIVAL	\$0.00	(\$13,222.29)
TF2FEB20	02/19/20 OSHELLS - PUB NIGHT - TCCC		02/28/20	\$18.45	\$18.45	10-75-61865	TCCC BAR EXPENSES	\$0.00	(\$938.36)
KB2FEB20	02/19/20 CANADA POST - CARNIVAL FLYERS		02/28/20	\$225.22	\$225.22	10-75-61870	FEES-SOCAN ETS.	\$0.00	(\$695.53)
Total TROUT CREEK COMMUNITY CENTRE				\$367.62	\$367.62				

**Municipality of Powassan
A/P Preliminary Cheque Run
(Council Approval Report)**

Vendor Invoice Number	Date	Description	Due Date	Invoice Amt	Approved Amt	Account Number	Account Description	Budgeted \$	YTD Balance
SPORTSPLEX									
8975	SCOTIABANK VISA, 204 MAIN STREET, NORTH BAY, ON, P1B 2T7								
MH3FEB20	02/19/20 HP INSTANT INK - TONER CARTRIDGE		02/28/20	\$5.99	\$5.99	10-80-61555	OFFICE EXPENSES	\$0.00	(\$516.25)
MH4FEB20	02/19/20 WALMART - FILE CABINET - SPORTSPLEX		02/28/20	\$125.58	\$125.58	10-80-61555	OFFICE EXPENSES	\$0.00	(\$516.25)
KE2FEB20	02/19/20 SANDPIPER ENERGY - BOILER RENTAL		02/19/20	\$155.20	\$155.20	10-80-61945	EQUIPMENT- SUPPLIES	\$0.00	(\$310.40)
KE3FEB20	02/19/20 LCBO - VOODOOS BAR		02/28/20	\$171.68	\$171.68	10-80-61982	SPORTSPLEX BAR	\$0.00	(\$2,799.87)
KE4FEB20	02/19/20 LCBO - VOODOOS BAR		02/28/20	\$85.92	\$85.92	10-80-61982	SPORTSPLEX BAR	\$0.00	(\$2,799.87)
KE5FEB20	02/19/20 OSHHELLS - BAR - MAGIC SHOW		02/28/20	\$12.88	\$12.88	10-80-61982	SPORTSPLEX BAR	\$0.00	(\$2,799.87)
KE6FEB20	02/19/20 VISA ANNUAL FEE - KE		02/28/20	\$75.00	\$75.00	10-80-61982	SPORTSPLEX BAR	\$0.00	(\$2,799.87)
KE7FEB20	02/19/20 LCBO - TRIVIA BAR		02/28/20	\$254.88	\$254.88	10-80-61982	SPORTSPLEX BAR	\$0.00	(\$2,799.87)
KE8FEB20	02/19/20 OSHHELLS - TRIVIA BAR		02/28/20	\$47.41	\$47.41	10-80-61982	SPORTSPLEX BAR	\$0.00	(\$2,799.87)
KE9FEB20	02/19/20 LCBO - VOODOOS BAR		02/28/20	\$12.58	\$12.58	10-80-61982	SPORTSPLEX BAR	\$0.00	(\$2,799.87)
MH2FEB20	02/19/20 MUSKOKA BREWERY - SPORTSPLEX BAR		02/20/20	\$303.15	\$303.15	10-80-61982	SPORTSPLEX BAR	\$0.00	(\$2,799.87)
MH4FEB20	02/19/20 HOCKEY TV - MONTHLY FEE		02/20/20	\$29.99	\$29.99	10-80-61982	SPORTSPLEX BAR	\$0.00	(\$2,799.87)
Total SPORTSPLEX				\$1,280.26	\$1,280.26				

Total Bills To Pay:

\$54,953.67

Municipality of Powassan
A/P Preliminary Cheque Run
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Vendor Invoice Number	Date	Description	Due Date	Invoice Amt	Approved Amt	Account Number	Account Description	Budgeted \$	YTD Balance
GENERAL GOVERNMENT									
8912 25552	OSHELL'S VALU-MART, P.O. BOX 322, POWASSAN, ON, P0H 1Z0 02/26/20 PASTA CLASS		02/26/20	\$25.36	\$25.36	10-10-61754	250 CLARK-PROGRAM	\$0.00	(\$4,220.81)
8945 443861673	PUROLATOR COURIER LIMITED, P.O. BOX 4800 STATION MAIN, CONCORD, ON, L4K 0K1 02/26/20 SHIPPING		02/26/20	\$210.05	\$28.17	10-10-24500	A/R OTHER	\$0.00	(\$124,232.38)
9176 1147427	ORKIN CANADA, 5840 FALBOURNE ST, MISSISSAUGA, ON, L5R 4B5 02/25/20 PEST CONTROL		02/25/20	\$197.92	\$210.05	10-10-61753	250 CLARK-BUILDING	\$0.00	(\$15,244.48)
9438 51648	RUGAROO, BOX 370, CALLANDER, ON, P0H 1Z0 02/25/20 FLOOR TILES		02/25/20	\$103.15	\$258.85	10-10-61753	250 CLARK-BUILDING	\$0.00	(\$15,244.48)
9720 2020001	TERRY LANG COMPUTER CONSULTING, 133 CLOVERBRAE CRES., NORTH BAY, ON, P1A 4J4 02/26/20 COMPUTER CONSULTING		02/26/20	\$5,818.16	\$114.54	10-10-61570	COMPUTERS	\$0.00	(\$11,396.51)
9768 1699015-0	OFFICE CENTRAL, 498 MARKLAND STREET BLDG 7, MARKHAM, ON, L6C 1Z6 02/25/20 OFFICE SUPPLIES		02/25/20	\$603.30	\$6,463.06	10-10-61540	OFFICE SUPPLIES	\$0.00	(\$1,624.61)
9860 2019-2020 2019-2020 2	POWASSAN VODOO'S, 809 MACPHERSON DRIVE, CORBEIL, ON, P0H 1K0 12/31/19 AUG TO DEC 2019 TICKET SALES 02/26/20 JAN 2020 TICKET SALES		02/26/20	\$1,680.79 \$221.94	\$669.93	10-10-33150 10-10-33150	A/P POWASSAN A/P POWASSAN	\$0.00 \$0.00	(\$1,693.44) (\$1,915.38)
9926 3113358 220	AGILIS NETWORKS, 500 REGENT STREET, SUDBURY, ON, P3E 3Y2 02/26/20 TELECOM @ 250 CLARK		02/26/20	\$493.55	\$1,902.73	10-10-61753	250 CLARK-BUILDING	\$0.00	(\$15,244.48)
10061 MARCH 2020 MARCH 2020	MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2J4P4 02/25/20 LIBRARY LIFE/DISABILITY INS 02/25/20 OFFICE LIFE/DISABILITY INS.		02/25/20	\$111.17 \$782.69	\$576.16	10-10-24600 10-10-61510	A/R LIBRARY BOARD BENEFITS	\$0.00 \$0.00	(\$9,126.87) (\$4,398.08)
Total GENERAL GOVERNMENT									\$12,000.24
FIRE DEPARTMENT									
8912 25914	OSHELL'S VALU-MART, P.O. BOX 322, POWASSAN, ON, P0H 1Z0 02/25/20 COFFEE		02/25/20	\$17.98	\$17.98	10-15-62020	FIRE DEPT.-OPERATIONS	\$0.00	(\$5,335.36)
9059 7057246880 220	BELL CANADA, PO BOX 9000, NORTH YORK, ON, M3C 2X7 02/25/20 FIRE DEPT.-OPERATIONS		02/25/20	\$33.49	\$17.98	10-15-62020	FIRE DEPT.-OPERATIONS	\$0.00	(\$5,335.36)
10061 MARCH 2020	MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2J4P4 02/25/20 MF LIFE/DISABILITY INS		02/25/20	\$80.32	\$33.49	10-15-61510	BENEFITS	\$0.00	(\$770.02)
Total FIRE DEPARTMENT									\$131.79

**Municipality of Powassan
A/P Preliminary Cheque Run
(Council Approval Report)**

Invoice Number	Date	Description	Due Date	Invoice Amt	Approved Amt	Account Number	Account Description	Budgeted \$	YTD Balance
<u>PUBLIC WORKS</u>									
8743 1020024	HUBB CAP, 300 KIRKPATRICK ST, NORTH BAY , ON, P1B 8G5 02/25/20 BLADE WING GUARD	02/25/20	\$687.13	\$687.13		10-20-63420	WINTER CONTROL-	\$0.00	(\$4,568.46)
8799 17016	J & J EQUIPMENT REPAIR, 84 CHISWICK LINE, RR # 1, POWASSAN, ON, P0H 1Z0 02/26/20 SANDER REPAIRS	02/26/20	\$1,041.42	\$1,041.42		10-20-63720	TRACKLESS-KUBOTA-	\$0.00	(\$428.46)
8897 299037	NORTHERN UNIFORM SERVICE, 2230 ALGONQUIN ROAD, SUDBURY, ON, P3E 4Z6 02/25/20 PW UNIFORM RENTALS	02/25/20	\$238.37	\$238.37		10-20-63060	PUBLIC WORKS-	\$0.00	(\$4,411.08)
9059 7057243532 220	BELL CANADA, PO BOX 9000, NORTH YORK, ON, M3C 2X7 02/25/20 PW GARAGE PHONE	02/25/20	\$90.15	\$90.15		10-20-63060	PUBLIC WORKS-	\$0.00	(\$4,411.08)
9658 516	JEFF KIMTH, P.O. BOX 22, TROUT CREEK, ON, P0H 2L0 02/25/20 TC SIDE WALK SNOW PLOWING	02/25/20	\$3,561.60	\$3,561.60		10-20-63420	WINTER CONTROL-	\$0.00	(\$4,568.46)
10061 MARCH 2020	MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2J4P4 02/25/20 PW LIFE/DISABILITY INS.	02/25/20	\$489.04	\$489.04		10-20-63050	PUBLIC WORKS-	\$0.00	(\$5,114.23)
10259 OGRA	CODEY MUNSHAW, ... 02/26/20 OGRA MEALS AND MILEAGE	02/26/20	\$558.14	\$558.14		10-20-63040	TRAINING &	\$0.00	(\$1,425.46)
10371 FEB 25 2020	GREG JAMES, , TROUT CREEK, ON, P0H 2L0 02/25/20 DENTAL	02/25/20	\$214.00	\$214.00		10-20-61510	BENEFITS	\$0.00	(\$1,834.49)
Total PUBLIC WORKS									
<u>ENVIRONMENT</u>									
8903 2019	OMERS, P.O. BOX 19575 SUITE 1701, SUITE 1701, TORONTO, ON, M7Y 3M1 ELIMINATION 02/25/20 OMERS ELIMINATION PERIOD	02/25/20	\$1,925.71	\$1,925.71		10-25-61500	SALARIES-Garbage	\$0.00	(\$6,525.49)
10061 MARCH 2020	MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2J4P4 02/25/20 landfill and garbage benefits	02/25/20	\$121.79	\$121.79		10-25-61510	BENEFITS GARBAGE	\$0.00	(\$961.38)
Total ENVIRONMENT									
<u>WATER</u>									
9059 7057243319 220	BELL CANADA, PO BOX 9000, NORTH YORK, ON, M3C 2X7 02/25/20 WATER PUMP HOUSE PHONE	02/25/20	\$44.39	\$44.39		10-30-64510	WATER PUMPHOUSE-	\$0.00	(\$1,394.67)
Total WATER									

Total P

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Municipality of Powassan A/P Preliminary Cheque Run

(Council Approval Report)

Invoice Number	Date	Description	Due Date	Invoice Amt	Approved Amt	Account Number	Account Description	Budgeted \$	YTD Balance
BUILDING DEPARTMENT									
10061	MARCH 2020	MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2J4P4	02/25/20	\$182.16	\$182.16	10-45-62700	BUILDING INSPECTOR	\$0.00	(\$808.98)
					\$182.16				
					\$182.16				
Total BUILDING DEPARTMENT									
PROTECTION TO PERSONS & PROPERTY									
8700	59996	CEDAR SIGNS, R.R.#6, CLYDE ROAD, CAMBRIDGE, ON, N1R 5S7	02/25/20	\$103.06	\$103.06	10-50-62585	PROPERTY STANDARDS	\$0.00	(\$2,461.00)
					\$103.06				
8855	1110220080808	MINISTER OF FINANCE - OPP, 33 KING ST W, PO BOX 647, OSHAWA, ON, L1H 8X3	02/25/20	\$43,547.00	\$43,547.00	10-50-62500	POLICING-OPP	\$0.00	(\$46,861.16)
					\$43,547.00				
					\$43,650.06				
Total PROTECTION TO PERSONS & PROPERTY									
RECREATION									
9059	7057245689 220	BELL CANADA, PO BOX 9000, NORTH YORK, ON, M3C 2X7	02/25/20	\$37.32	\$37.32	10-55-67410	SHCC-MAT/SUPPLIES	\$0.00	(\$398.91)
					\$37.32				
					\$37.32				
Total RECREATION									
HISTORICAL & CULTURE									
8925	LEVY 2020	POWASSAN & DIST. UNION LIBRARY, BOX 160, POWASSAN, ON, P0H 1Z0	02/26/20	\$15,000.00	\$15,000.00	10-65-67800	LIBRARY LEVY	\$0.00	\$0.00
					\$15,000.00				
9059	7057242235 220	BELL CANADA, PO BOX 9000, NORTH YORK, ON, M3C 2X7	02/25/20	\$138.41	\$138.41	10-65-67680	POWASSAN LEGION	\$0.00	(\$5,460.94)
					\$138.41				
9820	508216077 220	BELL CANADA INTERNET, CUSTOMER PAYMENT CENTRE, P.O. BOX 3650 STATION DON MILLS, TORONTO, ON, M3C 3X9	02/25/20	\$5.09	\$5.09	10-65-67680	POWASSAN LEGION	\$0.00	(\$5,460.94)
					\$5.09				
					\$15,143.50				
Total HISTORICAL & CULTURE									
TROUT CREEK COMMUNITY CENTRE									
8799	17018	J & J EQUIPMENT REPAIR, 84 CHISWICK LINE, RR # 1, POWASSAN, ON, P0H 1Z0	02/26/20	\$513.83	\$513.83	10-75-61820	MAINTENANCE	\$0.00	(\$1,475.86)
					\$513.83				
8862	901391	MOORE PROPANE LIMITED, 56 GIBSON ST, NORTH BAY, ON, P1B 8Z4	02/25/20	\$77.87	\$77.87	10-75-61800	SUPPLIES	\$0.00	(\$910.48)
					\$77.87				

Municipality of Powassan A/P Preliminary Cheque Run

(Council Approval Report)

Invoice Number	Date	Description	Due Date	Invoice Amt	Approved Amt	Account Number	Account Description	Budgeted \$	YTD Balance
9165 155683	02/25/20	BAY GRINDING INC, 69 COMMERCE CRESCENT, NORTH BAY, ON, P1B 8G4	02/25/20	\$244.22	\$244.22	10-75-61820	MAINTENANCE	\$0.00	(\$1,475.86)
9905 FEB 2020	02/25/20	BARB GRASSER, , , , , CLEANING	02/25/20	\$330.00	\$330.00	10-75-61820	MAINTENANCE	\$0.00	(\$1,475.86)
10061 MARCH 2020	02/25/20	MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2J4P4	02/25/20	\$129.41	\$129.41	10-75-61510	BENEFITS	\$0.00	(\$1,211.58)
10071 FEB 22 2020	02/26/20	MARTA BERNARD, , , , , SECURITY TC CARNIVAL	02/26/20	\$110.00	\$110.00	10-75-61830	CARNIVAL	\$0.00	(\$13,222.29)
10166 FEB 22 2020	02/26/20	VICKY MILNE, , , , , SECURITY TC CARNIVAL	02/26/20	\$110.00	\$110.00	10-75-61830	CARNIVAL	\$0.00	(\$13,222.29)
Total TROUT CREEK COMMUNITY CENTRE									
SPORTSPLEX									
8862 901390	02/25/20	MOORE PROPANE LIMITED, 56 GIBSON ST, NORTH BAY , ON, P1B 8Z4	02/25/20	\$51.92	\$51.92	10-80-61930	ZAMBONI-REPAIRS &	\$0.00	(\$731.93)
9107 FEB 28 2020	02/25/20	THE BEER STORE, , , , , SPORTSPLEX BAR SUPPLIES	02/25/20	\$481.42	\$481.42	10-80-61982	SPORTSPLEX BAR	\$0.00	(\$2,799.87)
9176 1147429	02/25/20	ORKIN CANADA, 5840 FALBOURNE ST, MISSISSAUGA, ON, L5R 4B5	02/25/20	\$353.62	\$353.62	10-80-61950	BUILDING REPAIRS &	\$0.00	(\$1,843.79)
9720 2020005 2020005	02/25/20	TERRY LANG COMPUTER CONSULTING, 133 CLOVERBRAE CRES., NORTH BAY, ON, P1A 4J4	02/25/20	\$20.35	\$20.35	10-80-61983	SPORTSPLEX	\$0.00	\$0.00
	02/25/20	BEERFEST DOMAIN RENEWAL	02/25/20	\$0.00	\$0.00	10-80-61983	SPORTSPLEX	\$0.00	\$0.00
9860 2019-2020	12/31/19	POWASSAN VOODOO'S, 809 MACPHERSON DRIVE, CORBEIL, ON, P0H 1K0	12/31/19	\$1,783.47	\$1,783.47	10-80-53830	OTHER REVENUES	\$0.00	(\$1,983.47)
9926 3111682 220	02/26/20	AGILIS NETWORKS, 500 REGENT STREET, SUDBURY, ON, P3E 3Y2	02/26/20	\$254.40	\$254.40	10-80-61555	OFFICE EXPENSES	\$0.00	(\$516.25)
10061 MARCH 2020	02/25/20	MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2J4P4	02/25/20	\$132.36	\$132.36	10-80-61510	BENEFITS	\$0.00	(\$1,506.93)
Total SPORTSPLEX									
				Total Bills To Pay:					

Recreation Schedule, RECYCLING SCHEDULE, Holidays in Canada, Powassan Community Events, Powassan Events

Mar 2020 (Eastern Time - New York)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
<div>1</div> <div>12pm - KIDS SHINNY</div> <div>12:30pm - BIG KIDS</div> <div>1:30pm - PUBLIC SKATING-</div>	<div>2</div> <div>SOUTH HIMSWORTH</div> <div>7pm - Fire Department</div>	<div>3</div> <div>9am - Municipal Film</div> <div>7pm - Council @ Trout</div>	<div>4</div> <div>6pm - Beerfest</div> <div>7pm - RECREATION</div>	<div>5</div>	<div>6</div> <div>POWASSAN RECYCLING</div> <div>5pm - Trivia</div>	<div>7</div>
<div>8</div> <div>Daylight Saving Time</div> <div>12pm - KIDS SHINNY</div> <div>12:30pm - BIG KIDS</div> <div>1:30pm - PUBLIC SKATING-</div>	<div>9</div> <div>Commonwealth Day</div> <div>TROUT CREEK RECYCLING</div>	<div>10</div> <div>6pm - Budget Meeting</div>	<div>11</div> <div>7pm - TCCCB @ TCCC</div>	<div>12</div> <div>6pm - Budget Meeting</div> <div>6pm - Family Peer Support</div>	<div>13</div>	<div>14</div> <div>9am - Winter Farmer's</div>
<div>15</div> <div>12pm - KIDS SHINNY</div> <div>12:30pm - BIG KIDS</div> <div>1:30pm - PUBLIC SKATING-</div>	<div>16</div> <div>SOUTH HIMSWORTH</div> <div>St. Patrick's Day</div> <div>6pm - POLICE SERVICE</div> <div>7pm - Fire Department</div>	<div>17</div> <div>St. Patrick's Day</div> <div>7pm - Council @ 250 Clark</div>	<div>18</div> <div>6pm - Budget Meeting</div>	<div>19</div> <div>4:30pm - Planning Board</div>	<div>20</div> <div>POWASSAN RECYCLING</div>	<div>21</div>
<div>22</div> <div>12pm - KIDS SHINNY</div>	<div>23</div> <div>TROUT CREEK RECYCLING</div>	<div>24</div> <div>9:30am - Wellness Clinic @</div>	<div>25</div> <div>5:30pm - Conservation</div> <div>6pm - MSF</div>	<div>26</div>	<div>27</div>	<div>28</div>
<div>29</div> <div>12pm - KIDS SHINNY</div>	<div>30</div> <div>SOUTH HIMSWORTH</div>	<div>31</div>	<div>1</div> <div>6pm - Beerfest</div> <div>7pm - RECREATION</div>	<div>2</div>	<div>3</div> <div>POWASSAN RECYCLING</div> <div>Food Fest</div>	<div>4</div>