

AGENDA

Regular Council meeting to be held
Tuesday February 5, 2019 at 7:00 p.m.
Maple Room @250 Clark, Powassan

1. **CALL TO ORDER**

2. **ROLL CALL**

3. **DISCLOSURE OF MONETARY INTEREST AND GENERAL NATURE THEREOF**

4. **APPROVAL OF THE AGENDA**

5. **PRESENTATIONS**

5.1 Powassan and Area Family Health Team

6. **ADOPTION OF MINUTES**

6.1 Regular Council meeting minutes of January 22, 2019.

7. **MINUTES AND REPORTS FROM COMMITTEES OF COUNCIL**

7.1 Recreation Committee meeting minutes of January 9th, 2019

8. **MINUTES AND REPORTS FROM APPOINTED BOARDS**

8.1 North Bay Parry Sound District Health Unit – 2019 Municipal Levy

8.2 North Bay Parry Sound District Health Unit – Smoke-Free Ontario Act

9. **STAFF REPORTS**

9.1

10. **BY-LAWS**

UNFINISHED BUSINESS

11.1 Municipality of Callander Resolutions-deferred from January 8/19

11.2 CGV Housing Development – verbal, Mayor McIssac

11. **NEW BUSINESS**

12.1 Request for Parking Agreement – 70 King Street

12.2 Powassan Drinking Water System – 2018 Annual Report – Ontario Clean Water Agency

12.3 Powassan Water & Wastewater Systems – Quarterly Report – Ontario Clean Water Agency

12.4 Annual Operation Report 2018 – Powassan Lagoons – Ontario Clean Water Agency

12.5 Request for Designation of Tag Day – Rorab Shrine Club

12. **CORRESPONDENCE**

13.1 Northern Position Paper, Employment Services – Employment North

13. **ADDENDUM**

14. **ACCOUNTS PAYABLE**

16. **NOTICE OF SCHEDULE OF COUNCIL AND BOARD MEETINGS**

16.1 February 2019 Schedule of Events

17. **PUBLIC QUESTIONS**

18. **CLOSED SESSION**

18.1 Closed Session minutes of January 22, 2019

18.2 Identifiable Individual- Section 239(2)(b) of the Municipal Act and under 6(1)(b) of the Procedural Bylaw-matters regarding an identifiable individual, including municipal or local board employees.
Personnel

19. **MOTION TO ADJOURN**

The Municipality of
Powassan

Regular Council Meeting

Tuesday, January 22, 2019, at 7:00 pm

Council Chambers - 250 Clark St., Maple Room

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

Absent: Markus Wand, Councillor, with regrets

Staff: Maureen Lang, CAO/Clerk-Treasurer

Presentations: Powassan Players – Andy Emmerson

Disclosure of Monetary Interest and General Nature Thereof: None

| | | | |
|----------------|--|---------------------------|----------------|
| 2019-16 | Moved by: R. Hall That the agenda of the Council meeting of January 22, 2019, be approved. | Seconded by: D. Piekarski | Carried |
| 2019-17 | Moved by: D. Piekarski That the minutes of the Regular Council meeting of January 8, 2019, be adopted. | Seconded by: R. Hall | Carried |
| 2019-18 | Moved by: R. Hall That the minutes of the Special Council Business meeting from January 15, 2019, be received. | Seconded by: D. Piekarski | Carried |
| 2019-19 | Moved by: D. Piekarski That the minutes from the Powassan Maple Syrup Festival Committee dated January 16, 2019, be received. | Seconded by: R. Hall | Carried |
| 2019-20 | Moved by: D. Piekarski That the minutes from the Trout Creek Community Centre Board (TCCCB) dated January 9, 2019, be received. | Seconded by: D. Britton | Carried |
| 2019-21 | Moved by: D. Britton That minutes from the Public Works Committee dated December 18, 2018, be received. | Seconded by: D. Piekarski | Carried |
| 2019-22 | Moved by: D. Piekarski That the memorandum from Public Works Engineer C. Munshaw regarding the results of RFQ-Basement renovation and improvement – 250 Clark, be received, and further, that Council approves the bid from Jim Martin General Contracting. | Seconded by: D. Britton | Carried |
| 2019-23 | Moved by: R. Hall That Mayor McIsaac and Councillor Britton be authorized to attend the 2019 ROMA Conference. | Seconded by: D. Piekarski | Carried |

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| DATE OF COUNCIL MTG. | Feb. 5/19 |
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2019-24

Moved by: D. Britton Seconded by: R. Hall
That By-law 2019-01, being a By-law to authorize borrowing for 2019,

READ a FIRST and SECOND time and considered READ a THIRD and FINAL time and adopted as such in open Council this 22nd day of January 2019.

Carried

2019-25

Moved by: D. Britton Seconded by: R. Hall
That the correspondence from the Municipality of Callander regarding support for Committee appointments for 2018-2022, be received.

Deferred

2019-26

Moved by: D. Piekarski Seconded by: R. Hall
That the Powassan Lagoon Inspection Report dated December 5, 2018, from the Ministry of the Environment, Conservation and Parks, be received.

Recorded Vote: Requested by Councillor D. Britton

| | |
|-------------------------|--------|
| Councillor D. Britton | Yea |
| Councillor R. Hall | Yea |
| Councillor Wand | Absent |
| Councillor D. Piekarski | Yea |
| Mayor McIsaac | Yea |

Carried

2019-27

Moved by: R. Hall Seconded by: D. Piekarski
That the accounts payable listing reports dated January 7, 8, 10 & 14, 2019, in the total amount of \$343,374.60, be approved for payment.

Carried

2019-28

Moved by: R. Hall Seconded by: D. Piekarski
That Council now adjourns to closed session at 7:50pm. to discuss:

18.1 Closed Session minutes of January 8, 2019.

18.2 Identifiable Individual-Section 239(2)(b) of the Municipal Act and under 6(1)(b) of the Procedural Bylaw-matters regarding an identifiable individual, including municipal or local board employees.

Carried

2019-29

Moved by: D. Piekarski Seconded by: R. Hall
That Council now reconvenes to regular session at 8:25pm.

Carried

2019-30

Moved by: D. Piekarski Seconded by: R. Hall
That Council now adjourns at 8:25pm.

Carried

Mayor

CAO/Clerk-Treasurer

Recreation Committee Minutes January 9, 2019

Attendees: Councillor Markus Wand, Gerry Giesler, Michelle Heasman, Mallory Slingerland, Kim Lindsay (Curling Club Rep)

Absent with regrets: Mayor Peter McIsaac, Keri Poirier (Soccer Rep), Annette Szczygiel (PMHA Rep)

Staff: Mike Heasman, Recreation and Facilities Manager

1. Call to Order @ 7:05 PM by G. Giesler

2. Agenda

Moved by: M. Wand Seconded by: K. Lindsay

That the agenda be adopted with the removal of Item 8. a) Closing Date.

Motion Carried

3. Disclosure of Pecuniary Interest

None

4. Presentations

None

5. Minutes

Moved by: K. Lindsay Seconded by: M. Heasman

That the minutes from the December 5th, 2018 meeting be accepted as circulated.

Motion Carried

6. Correspondence

None

7. Outstanding Business

a) Beerfest Update

- Four Brewers are confirmed
- Website will be launched soon.
- Ticket sales are ahead of last years
- The Beerfest will have a booth at the Maple Syrup Festival
- The Beerfest did not qualify for funding through Celebrate Ontario

b) Sportsplex Update

- The new controller for the Condenser Fan has been installed. The cost was approximately \$3000.00
- Zamboni auger issues have been resolved. The Facility Manager is working on getting a refund on the new ones that were ordered.

| | |
|-------------------------|-----------|
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c) New Year's Eve Celebration

- Fireworks were great, lots of positive feedback.
- The canteen ran out of Hot Dogs

d) Open Mic Night – January 26/19

- Six comedians registered.
- No cover charge, instead there will be a donation jar

8. New Business

b) 2019 User Fees/Budget Meeting Dates

- The Recreation Committee will meet on February 6, 2019 to discuss the 2019 User Fees and Budget

c) Canoe Race and Fish Derby Dates

- The Canoe Race will be on June 18, 2019 and the Fish Derby will be on July 17, 2019.

9. Community Updates

- K. Lindsay – The Glow in the Dark Bonspiel is on January 26, 2019
- G. Giesler – The eggs have been put into the fish hatchery.
- M. Slingerland – Has been having a great time working the bar with K. Lindsay at the Trivia Nights

Next Meeting: February 6, 2019 @ 7:00 PM @ 250 Clark

Meeting adjourned at 8:05 PM

Chair

Recreation & Facilities Manager

January 15, 2019

DELIVERED BY EMAIL

Ms. Maureen Lang
Clerk-Treasurer
Municipality of Powassan
466 Main Street
P.O. Box 250
Powassan, ON P0H 1Z0

Dear Ms. Lang:

Re: 2019 Municipal Levy

Your **2019 Municipal Levy Information Package** is attached. The 2019 cost-shared budget was prepared with a 0% increase over the 2018 provincial approved funding which results in a net 0% increase to municipalities over the 2018 levy amounts. Of note, some municipalities may see an increase in their levy and some a decrease. This is due to a change in the population data from the 2014 Municipal Property Assessment Corporation (MPAC) figure of 101,673 to the 2018 number of 98,769. The Health Unit is legislated to use the most current assessment. The levy was calculated utilizing the annualized shareable base of \$13,867,867. The budget approved by the Board of Health is the culmination of many hours of planning and risk assessment in order to deploy resources in keeping with the Health Unit's strategic plan, accountability indicators, and mission "to foster healthy living within our communities by preventing illness, promoting healthy choices, and providing trusted support and information".

It is a volatile time for many disadvantaged populations in the province of Ontario, yet the Health Unit stands firm in support of those people who need help the most. Our vision of "A healthy life for everyone in our communities" speaks to how we strive to be inclusive and compassionate. Public Health priorities are profoundly influenced by the social determinants of health: food security, housing, fulfilling work, transportation, education, and health equity. Changes to the Ontario Public Health Standards in the last couple of years reflect these priorities more than ever.

Staff is settling in to the new main office at 345 Oak Street West in North Bay, and everyone is adjusting work processes and using the new facility to its fullest potential. The annual operating costs for the new building in North Bay are still being determined but appear to align with the original estimates. A contingency allowance is built into the occupancy budget for 2019 to allow for any unforeseen expenses. A capital grant (\$3,000,000) was received from the Ministry of Health and Long-Term Care in 2018. With that funding, and some additional cost-shared dollars, the mortgage was paid off in 2018. This reduction in expected expenses is allowing the Health Unit to better manage the provincial funding freeze and hopefully reduce any negative impact on programs and services.

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|-------------------------|-----------|
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In accordance with the Board of Health Municipal Reserve Policy, municipalities will be updated on the 2018 year-end status of the municipal reserve following the annual audit process in April. The reserve balance at November 30, 2018, was \$1,042,821.

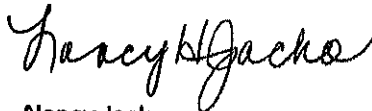
To learn more about your public health unit, and public health activities and reports, please refer to the North Bay Parry Sound District Health Unit website at www.myhealthunit.ca. The website is completely searchable and contains information on a wide range of health topics.

The following information is attached:

- Appendix A2019 Levy Payment Schedule
- Appendix B2019 Board of Health Approved Budget Summary Sheet
- Appendix CMunicipal Levy & Population Comparison for 2018/2019

Please contact Isabel Churcher, Executive Director, Finance, at (705) 474-1400, extension 5381, if you have any questions.

Yours truly,



Nancy Jacko
Chairperson, Board of Health

Enclosures (3)

Copy to: Isabel Churcher, Executive Director, Finance
Dr. Jim Chirico, Medical Officer of Health/Executive Officer
Board of Health Members

January 15, 2019

Municipality of Powassan
466 Main St.
P.O. Box 250
Powassan, ON P0H 1Z0

2019 LEVY
PAYMENT SCHEDULE

2019 Annual Levy

\$110,685

| Monthly Payment Schedule effective January 1, 2019 | Amount |
|---|------------------|
| January 1 | 9,595.75 |
| February 1 | 9,189.93 |
| March 1 | 9,189.93 |
| April 1 | 9,189.93 |
| May 1 | 9,189.93 |
| June 1 | 9,189.93 |
| July 1 | 9,189.93 |
| August 1 | 9,189.93 |
| September 1 | 9,189.93 |
| October 1 | 9,189.93 |
| November 1 | 9,189.93 |
| December 1 | 9,189.93 |
| Total | \$110,685 |

Levy based on population of: 2975

Per Capita Rate: \$37.20

Due Date: The first day of every month

Interest is charged at 1.25% per month on outstanding balances.

Please remit to: North Bay Parry Sound District Health Unit
Attention: Finance Department
345 Oak St W
North Bay, ON P1B 2T2
Or Direct Deposit to: Account # 03442 003 1287499

NORTH BAY PARRY SOUND DISTRICT HEALTH UNIT

2019 BOARD OF HEALTH PUBLIC HEALTH BUDGET

Appendix B
Approved BOH November 28, 2018

| Budget Summary | Reconciled Budget 2018 | Forecast 2018 | Budget 2019 | Notes |
|---|------------------------------|-------------------|-------------------|----------|
| Total Expenses* | 20,651,417 | 19,984,325 | 20,493,473 | 1 |
| Less Program Revenues* | 632,276 | 956,145 | 583,158 | 2 |
| Net Expenses | 20,019,141 | 19,028,180 | 19,910,315 | |
| Less: 100% Funding and One-Time Funding* | 6,151,274 | 5,613,001 | 6,042,448 | |
| Total Shareable Base (see breakdown below) | 13,867,867 | 13,415,179 | 13,867,867 | |
| Ministry of Health and Long-Term Care 75% | 10,400,900 | 10,061,384 | 10,400,900 | |
| Net Municipal Levy (see detail below) | 3,674,691 | 3,376,974 | 3,674,691 | |
| Per Capita Municipal Population | 101,673 | 101,673 | 98,769 | 3 |
| Per Capita Rate | 36.14 | 33.21 | 37.20 | 4 |
| Breakdown of Cost-Shared Programs | | | | |
| Mandatory Public Health Programs | 13,489,068 | 13,036,380 | 13,489,067 | |
| Vector-Borne Disease | 169,466 | 169,466 | 169,467 | |
| Small Drinking Water Systems | 209,333 | 209,333 | 209,333 | |
| Total Shareable Base | 13,867,867 | 13,415,179 | 13,867,867 | |
| Breakdown of Municipal Funding | | | | |
| Cost-Shared Programs 25% | 3,466,966 | 3,353,794 | 3,466,966 | |
| 100% Municipal: Medical Officer of Health Compensation Initiative | 9,149 | 9,149 | 9,149 | |
| 100% Municipal: Low Income Adult Dental Clinic | 198,576 | 14,031 | 198,576 | 5 |
| Total Municipal Levy | 3,674,691 | 3,376,974 | 3,674,691 | 6 |

* The breakdown for these numbers is in the following pages.

| Notes Budget Summary | |
|----------------------|---|
| 1 | Total Expenses includes the cost of all Health Unit programs and services. |
| 2 | Program revenues are generated through payments from the public or the governments on a fee-for-service basis. |
| 3 | As per the <i>Health Protection and Promotion Act</i> , R.S.O. 1990, c. H.7, O. Reg. 489/97 Allocation of Board of Health Expenses, populations are based on current (2018) Municipal Property Assessment Corporation (MPAC) enumeration data. |
| 4 | The 2019 proposed budget includes a per capita rate of \$37.20. This 1.29% increase in the per capita rate is as a result of a decrease in the population base over the 2018 Board of Health approved budget (see Appendix 6 – Table XI and Table XII for clarification). |
| 5 | This amount tops up other sources of revenue for the Low Income Adult Dental Clinic to equal the total needed to fund the program's current level of service. |
| 6 | The total municipal levy amount has not changed since 2016. |

Appendix C

Approved by the
Board of Health
November 28, 2018

North Bay Parry Sound District Health Unit
Municipal Levy & Population Comparison for 2018 / 2019

| Municipality | 2018 Levy | | | 2019 Levy | | | Difference |
|---------------------------|--------------------------|---------|--------------|--------------------------|--------|--------------|-------------|
| | *MPAC Population 2014 | | Total \$ | *MPAC Population 2018 | | Total \$ | |
| | % | # | | % | # | | |
| Armour | 1.10 | 1,120 | \$ 40,479 | 1.14 | 1,126 | \$ 41,893 | \$1,414 |
| Bonfield | 1.82 | 1,849 | \$ 66,827 | 1.85 | 1,832 | \$ 68,159 | \$1,332 |
| Burk's Falls | 0.74 | 754 | \$ 27,251 | 0.72 | 708 | \$ 26,341 | -\$910 |
| Callander | 3.41 | 3,465 | \$ 125,233 | 3.49 | 3,444 | \$ 128,134 | \$2,901 |
| Calvin | 0.53 | 534 | \$ 19,300 | 0.48 | 477 | \$ 17,747 | -\$1,553 |
| Carling | 1.04 | 1,058 | \$ 38,239 | 1.24 | 1,220 | \$ 45,390 | \$7,151 |
| Chisholm | 1.16 | 1,179 | \$ 42,612 | 1.18 | 1,161 | \$ 43,195 | \$583 |
| East Ferris | 4.22 | 4,291 | \$ 155,086 | 4.27 | 4,219 | \$ 156,967 | \$1,881 |
| Joly | 0.23 | 233 | \$ 8,421 | 0.23 | 223 | \$ 8,297 | -\$124 |
| Kearney | 0.69 | 698 | \$ 25,227 | 0.70 | 694 | \$ 25,820 | \$593 |
| Machar | 0.80 | 811 | \$ 29,311 | 0.77 | 761 | \$ 28,313 | -\$998 |
| Magnetawan | 1.18 | 1,198 | \$ 43,298 | 1.18 | 1,167 | \$ 43,418 | \$120 |
| Mattawa | 1.92 | 1,949 | \$ 70,441 | 1.83 | 1,808 | \$ 67,266 | -\$3,175 |
| Mattawan | 0.12 | 118 | \$ 4,265 | 0.14 | 142 | \$ 5,283 | \$1,018 |
| McDougall | 2.40 | 2,440 | \$ 88,187 | 2.29 | 2,266 | \$ 84,306 | -\$3,881 |
| McKellar | 1.02 | 1,035 | \$ 37,407 | 1.08 | 1,066 | \$ 39,660 | \$2,253 |
| McMurrich/Monteith | 0.61 | 621 | \$ 22,444 | 0.65 | 641 | \$ 23,848 | \$1,404 |
| Nipissing | 1.60 | 1,629 | \$ 58,876 | 1.55 | 1,527 | \$ 56,812 | -\$2,064 |
| North Bay | 44.68 | 45,426 | \$ 1,641,799 | 44.37 | 43,828 | \$ 1,630,616 | -\$11,183 |
| Papineau-Cameron | 0.83 | 843 | \$ 30,468 | 0.82 | 810 | \$ 30,136 | -\$332 |
| Parry Sound | 5.00 | 5,079 | \$ 183,566 | 5.02 | 4,958 | \$ 184,462 | \$896 |
| Perry | 1.81 | 1,839 | \$ 66,466 | 1.83 | 1,805 | \$ 67,155 | \$689 |
| Powassan | 3.13 | 3,186 | \$ 115,149 | 3.01 | 2,975 | \$ 110,685 | -\$4,464 |
| Ryerson | 0.57 | 584 | \$ 21,107 | 0.56 | 550 | \$ 20,463 | -\$644 |
| Seguin | 3.37 | 3,427 | \$ 123,860 | 3.31 | 3,272 | \$ 121,734 | -\$2,126 |
| South River | 0.88 | 896 | \$ 32,383 | 0.90 | 892 | \$ 33,187 | \$804 |
| Strong | 1.19 | 1,211 | \$ 43,768 | 1.24 | 1,222 | \$ 45,464 | \$1,696 |
| Sundridge | 0.88 | 893 | \$ 32,275 | 0.82 | 808 | \$ 30,062 | -\$2,213 |
| The Archipelago | 0.58 | 589 | \$ 21,288 | 0.72 | 711 | \$ 26,453 | \$5,165 |
| West Nipissing | 11.70 | 11,897 | \$ 429,985 | 11.78 | 11,635 | \$ 432,880 | \$2,895 |
| Whitestone | 0.81 | 821 | \$ 29,673 | 0.83 | 821 | \$ 30,545 | \$872 |
| Totals | 100.00 | 101,673 | \$ 3,674,691 | 100.00 | 98,769 | \$ 3,674,691 | \$0 |
| Municipal Share of Budget | | | \$3,674,691 | | | | \$3,674,691 |
| Per Capita | | | \$36.14 | | | | \$37.20 |

* Municipal Property Assessment Corporation

Municipal Reserve Balance at September 30, 2018: \$1,039,556

January 22, 2019

RECEIVED

Maureen Lang, Clerk-Treasurer
Municipality of Powassan
466 Main Street
P.O. Box 250
Powassan, ON P0H 1Z0

JAN 29 2019

The Municipality of Powassan

Dear Maureen Lang:

Subject: *Smoke-Free Ontario Act, 2017* – Changes effective October 17, 2018

We are writing to inform you of important changes to the *Smoke-Free Ontario Act, 2017 (SFOA, 2017)* that came into effect October 17, 2018. The *SFOA, 2017* includes changes relevant to you as a workplace and municipality.

In addition to prohibiting smoking and holding lighted tobacco in specified places, the legislation now includes smoking or holding lighted cannabis and using an electronic cigarette (i.e., inhaling or exhaling vapour from an electronic cigarette or holding an activated electronic cigarette). **This means that smoking cannabis and using electronic cigarettes are no longer permitted wherever smoking is not permitted.**

In addition, the following prohibited places were included:

- Public areas within 9 metres of any restaurant or bar patio
- School property and public areas within 20 metres of the perimeter of the school grounds
- **The outdoor grounds of a community recreation facility, and public areas within 20 metres of the perimeter of the grounds (e.g., municipal community centres, hockey arenas).**

Under the revised *Smoke-Free Ontario Act, 2017*, no smoking in addition to no vaping signs must be posted at all entrances and exits and in washrooms. In the next several weeks, we will be preparing packages for your municipality with these signs. We are asking that you post them where appropriate as well as have them available for any workplace in your municipality to pick up.

| | |
|----------------------|-----------------|
| DATE OF COUNCIL MTG. | Feb. 5/19 .../2 |
| AGENDA ITEM # | 8.2 |

In addition, updated signage will be required for all municipal playgrounds, sporting areas, spectator areas and community and recreational facilities. Signage is currently being developed for municipalities within our Health Unit district. When signage becomes available, the Health Unit Tobacco Enforcement Officers will be in contact with you to coordinate orders and delivery.

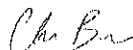
We would also like to remind you that existing municipal smoke-free by-laws only restrict tobacco usage and do not cover vaping and cannabis use. We recommend that municipalities who do have by-laws, review them, and add restrictions on vaping and cannabis use to align with the regulations in the *SFOA, 2017*. Furthermore, we encourage your municipality to consider creating new by-laws for smoke-free/vape-free social housing, municipal properties, and public spaces (e.g., parks, trails and beaches). By-laws to implement or increase retail licensing fees for tobacco, electronic cigarette and cannabis products should also be considered, as well as restricting new retail licenses based on proximity to schools, playgrounds and other areas where high risk populations reside.

Please see attached fact sheets for more information about the *Smoke-Free Ontario Act, 2017*. If you have any further questions, contact one of our Tobacco Enforcement Officers:

- Paula Benoit – 705-474-1400 Ext. 5324 or paula.benoit@healthunit.ca
- Bill Clark – 705-474-1400 Ext. 5323 or bill.clark@healthunit.ca
- John Nolan – 705-474-1400 Ext. 3227 or john.nolan@healthunit.ca

For more information about the *SFOA, 2017* and Regulations please visit: <https://www.ontario.ca/laws/statute/17s26>. We look forward to working with you, and we appreciate your continued support in helping to create more smoke-free outdoor spaces in our community.

Sincerely,



Chris Bowes
Program Manager, Healthy Living



Smoke-Free Ontario Act, 2017

How the Act Affects: Community Recreational Facilities

The Basics

The *Smoke-Free Ontario Act, 2017* (SFOA, 2017) prohibits the smoking of tobacco, the use of electronic cigarettes (e-cigarettes) to vape any substance, and the smoking of cannabis (medical and recreational) in enclosed workplaces and enclosed public places, as well as other designated places in Ontario, to protect workers and the public from second-hand smoke and vapour.

Smoking refers to the smoking or holding of lighted tobacco or cannabis (medical or recreational).

Vaping refers to inhaling or exhaling vapour from an electronic cigarette, or holding an activated electronic cigarette, whether or not the vapour contains nicotine.

Community Recreational Facilities

Smoking and vaping is not permitted on the outdoor grounds of community recreational facilities or in public spaces within 20 metres of the perimeter of the grounds.

A community recreational facility is an enclosed public place or an enclosed workplace where:

1. The place is owned or operated by a charity, non-profit or government.
2. The place is primarily used for the purposes of providing athletic or recreational programs or services to the local community, including children and youth, whether or not a fee is paid for the use.

For example:

- a) Sports programs;
- b) Children's play programs; or
- c) Fitness programs.

3. The public is normally allowed access.
4. The place is not primarily a private dwelling.

Owner Responsibilities

It is the responsibility of the owner, operator or the person in charge of the place to ensure that smoking and vaping laws are followed.

They are required to:

- Give notice to the public that smoking is prohibited in the smoke-free and vape-free areas.
- Post "No Smoking", and "No Vaping" signs, or a dual "No Smoking and No Vaping" sign at entrances, exits and washrooms of the smoke and vape-free area, in appropriate locations and in sufficient numbers, to ensure the public is aware that smoking and vaping is not allowed.
- Ensure that no ashtrays or similar items remain in the smoke-free and vape-free areas.
- Ensure that no one smokes or vapes in the smoke-free and vape-free areas.
- Ensure that someone who refuses to comply with Ontario's smoking and vaping laws does not remain in the smoke-free and vape-free areas.

Enforcement

Local public health units will carry out inspections and respond to complaints of smoking and vaping on the outdoor grounds and public spaces within 20 metres of the perimeter of the grounds of community recreational centres.

Penalties

Any individual who violates the prohibition on smoking or vaping in smoke-free and vape-free areas may be charged and if convicted, may face a maximum fine of \$1,000 (for a first offence) or \$5,000 (for any further offence).

An owner that fails to fulfill their responsibilities under the law may be charged and if convicted, may face a maximum fine:

Signage responsibilities

- For individuals: \$2,000 (for a first offence); \$5,000 (for a second offence); \$10,000 (for a third offence); \$50,000 (four or more offences).
- For corporations: \$5,000 (for a first offence); \$10,000 (for a second offence); \$25,000 (for a third offence); \$75,000 (four or more offences).

Other responsibilities

- For individuals: \$1,000 (for a first offence); \$5,000 (two or more offences).
- For corporations: \$100,000 (for a first offence); \$300,000 (two or more offences).

This fact sheet is intended as a quick reference only and should not be considered to be legal advice. For more information, please contact your local Public Health Unit.

You may also obtain information by calling toll-free:

- **INFOline** 1-866-532-3161
- **TTY** 1-800-387-5559

Hours of operation: Monday to Friday, 8:30 a.m. - 5:00 p.m. (Eastern Standard Time)

For specific information on smoking or vaping laws applicable to community recreational centres, contact your local Public Health Unit. To find the public health unit serving your region, please visit their website at:

<http://www.health.gov.on.ca/en/common/system/services/phu/locations.aspx>.

For more information on the *Smoke-Free Ontario Act, 2017*, please visit the Ontario Ministry of Health and Long-Term Care website: ontario.ca/smokefree.



Smoke-Free Ontario Act, 2017

How the Act Affects: Children's Playgrounds

The Basics

The Smoke-Free Ontario Act, 2017 prohibits the smoking of tobacco, the use of electronic cigarettes (e-cigarettes) to vape any substance, and the smoking of cannabis (medical and recreational) in enclosed workplaces and enclosed public places, as well as other designated places in Ontario, to protect workers and the public from second-hand smoke and vapour.

Smoking refers to the smoking or holding of lighted tobacco or cannabis (medical or recreational).

Vaping refers to inhaling or exhaling vapour from an electronic cigarette or holding an activated electronic cigarette, whether or not the vapour contains nicotine.

Children's Playgrounds

Smoking and vaping is not permitted on children's playgrounds or in public spaces within 20 metres of the perimeter of a playground.

A children's playground is:

- An area open to the public at no cost or for a fee, primarily used for children's recreation and equipped with children's play equipment, such as:
 - Slides;
 - Swings;
 - Climbing apparatuses;
 - Splash pads;
 - Wading pools; and
 - Sandboxes.

These restrictions include playgrounds at hotels, motels and inns. It does not apply to playgrounds intended for residents of apartments, condominiums or campgrounds.

Note: Additional restrictions on smoking and vaping may exist in municipal or condominium bylaws; lease agreements, and the policies of employers and property owners.

Owner Responsibilities

It is the responsibility of the owner, operator or the person in charge of the place to ensure that smoking and vaping laws are followed.

They are required to:

- Give notice to the public that smoking and vaping is prohibited in the place.
- Post "No Smoking" and "No Vaping" signs, or a dual "No Smoking and No Vaping" sign at entrances and exits to the smoke- and vape-free area, in appropriate locations and in sufficient numbers, to ensure the public is aware that smoking and vaping is not allowed.
- Ensure that no ashtrays or similar items remain in the place.
- Ensure that no one smokes or vapes in the place.
- Ensure that someone who refuses to comply with Ontario's smoking and vaping laws do not remain in the place.

Enforcement

Local public health units will carry out inspections and respond to complaints regarding smoking and vaping on and around children's playgrounds.

Penalties

An individual who violates the prohibition on smoking or vaping on and around children's playgrounds may be charged and if convicted, may face a maximum fine of \$1,000 (for a first offence) or \$5,000 (for any further offence).

An owner that fails to fulfill their responsibilities under the law may be charged and if convicted, may face a maximum fine:

Signage responsibilities

- For individuals: \$2,000 (for a first offence); \$5000 (for a second offence); \$10,000 (for a third offence); \$50,000 (four or more offences).
- For corporations: \$5,000 (for a first offence); \$10,000 (for a second offence); \$25,000 (for a third offence); \$75,000 (four or more offences).

Other responsibilities

- For individuals: \$1,000 (for a first offence); \$5,000 (two or more offences).
- For corporations: \$100,000 (for a first offence); \$300,000 (two or more offences).

This fact sheet is intended as a quick reference only and should not be considered to be legal advice. For more information, please contact your local Public Health Unit.

You may also obtain information by calling toll-free:

- **INFOline** 1-866-532-3161
- **TTY** 1-800-387-5559

Hours of operation: Monday to Friday, 8:30 a.m. - 5:00 p.m. (Eastern Standard Time)

For specific information on smoking and vaping laws applicable to playgrounds, contact your local Public Health Unit. To find the public health unit serving your region, please visit their website at:

<http://www.health.gov.on.ca/en/common/system/services/phu/location.aspx>.

For more information on the Smoke-Free Ontario Act, 2017, please visit the Ontario Ministry of Health and Long-Term Care website: ontario.ca/smokefree.



Smoke-Free Ontario Act, 2017

How the Act Affects: Sporting Areas

The Basics

The Smoke-Free Ontario Act, 2017 prohibits the smoking of tobacco, the use of electronic cigarettes (e-cigarettes) to vape any substance, and the smoking of cannabis (medical and recreational) in enclosed workplaces and enclosed public places, as well as other designated places in Ontario, to protect workers and the public from second-hand smoke and vapour.

Smoking refers to the smoking or holding of lighted tobacco or cannabis (medical or recreational).

Vaping refers to inhaling or exhaling vapour from an electronic cigarette or holding an activated electronic cigarette, whether or not the vapour contains nicotine.

Sporting Areas

Smoking and vaping is not permitted at publicly-owned outdoor sporting areas, spectator areas next to sporting areas and public areas within 20 metres of any point of the edge of the sporting or spectator areas.

This applies to sporting areas:

- Owned by the province, a municipality, colleges or universities;
- Used primarily for sports, such as soccer, football, basketball, beach volleyball or skateboarding; and
- Open to the public whether or not a fee is charged to enter.

Note: This does not apply to golf courses.

Owner Responsibilities

The Act requires owners and operators of these sporting areas to ensure that smoking and vaping laws are respected. They are required to:

- Give notice to the public that smoking and vaping is not allowed in smoke-free and vape-free areas.

- Post "No Smoking" and "No Vaping" signs, or a dual "No Smoking and No Vaping" sign at entrances and exits to the smoke-free areas, in appropriate locations and in sufficient numbers to ensure that the public is aware that smoking and vaping is not allowed.
- Ensure that people do not smoke or vape in the smoke-free and vape-free areas.
- Ensure that no ashtrays or similar equipment remain in the smoke-free and vape-free areas.
- Ensure that someone who refuses to comply with Ontario's smoking and vaping laws does not remain in the smoke-free and vape-free area.

Enforcement

Local public health units will carry out inspections and respond to complaints regarding smoking and vaping on or around sporting areas.

Penalties

Anyone caught smoking or vaping on or around these sport areas may be charged with an offence, and if convicted could face a maximum fine of \$1,000 (for a first offence) or \$5,000 (for any further offence).

The owner or operator of a sporting area who fails to fulfill their responsibilities under the law may be charged with an offence, and if convicted, could face a maximum fine:

Signage responsibilities

- For individuals: \$2,000 (for a first offence); \$5000 (for a second offence); \$10,000 (for a third offence); \$50,000 (four or more offences).
- For corporations: \$5,000 (for a first offence); \$10,000 (for a second offence); \$25,000 (for a third offence); \$75,000 (four or more offences).

Other responsibilities

- For individuals: \$1,000 (for a first offence); \$5,000 (two or more offences).
- For corporations: \$100,000 (for a first offence); \$300,000 (two or more offences).

This fact sheet is intended as a quick reference only and should not be considered to be legal advice. For more information, please contact your local Public Health Unit.

You may also obtain information by calling toll-free:

- **INFOLine** 1-866-532-3161
- **TTY** 1-800-387-5559

Hours of operation: Monday to Friday, 8:30 a.m. - 5:00 p.m. (Eastern Standard Time)

For specific information on smoking and vaping laws in and around sporting areas, contact your local Public Health Unit. To find the public health unit serving your region, please visit their website at: Smoke-Free Ontario Act, 2017 How the Act Affects: <http://www.health.gov.on.ca/en/common/system/services/phu/locations.aspx>.

For more information on the Smoke-Free Ontario Act, 2017, please visit the Ontario Ministry of Health and Long-Term Care website: ontario.ca/smokefree.



MUNICIPALITY OF CALLANDER

Tuesday, December 18, 2018

Moved by Councillor *Jordan Carr*

Seconded by Councillor *Alkins*

RESOLUTION NO. 2018/12/ 3/4

That Council recommend the appointment of Councillor Jordy Carr as the Ward 6 representative to the District of Parry Sound Municipal Association Executive for the 2018-2022 term, and ask for the support of the Councils of Chisholm, Nipissing, and Powassan for this appointment.

[Signature]
Mayor

CARRIED / DEFEATED / AMENDED / DEFERRED

Recorded Vote (Upon Request of Councillor _____
Section 246 (1) Municipal Act

| DISCLOSURE OF PECUNIARY INTEREST | | RECORDED VOTE | |
|-------------------------------------|-----|------------------|-----|
| MEMBER OF COUNCIL | (✓) | YEA | NAY |
| Mayor Lavigne | | | |
| Councillor Alkins | | | |
| Councillor Carr | | | |
| Councillor Noon | | | |
| Councillor Turgeon | | | |

| | |
|-------------------------|-----------|
| DATE OF COUNCIL MTG. | Feb. 5/19 |
| AGENDA ITEM # | 11.1 |

| | |
|-------------------------|-----------|
| DATE OF COUNCIL MTG. | Jan 22/19 |
| AGENDA ITEM # | 11.1 |

Four Seasons of Reasons.

| | |
|-------------------------|----------|
| DATE OF COUNCIL MTG. | Jan 8/19 |
| AGENDA ITEM # | 13.2 |



MUNICIPALITY OF CALLANDER

Tuesday, December 18, 2018

Moved by Councillor

Maurice Dagen

Seconded by Councillor

[Signature]

RESOLUTION NO. 2018/12/ 315

That Council recommend the appointment of Councillor Linda Alkins to the District of Parry Sound Social Services Administration Board for the 2018-2022 term, and hereby requests the support of the Councils of Nipissing and Powassan for this appointment.

[Signature]

Mayor

CARRIED / DEFEATED / AMENDED / DEFERRED

Recorded Vote (Upon Request of Councillor _____)
Section 246 (1) Municipal Act

| DISCLOSURE OF PECUNIARY INTEREST | | RECORDED VOTE | |
|-------------------------------------|-----|------------------|-----|
| MEMBER OF COUNCIL | (✓) | YEA | NAY |
| Mayor Lavigne | | | |
| Councillor Alkins | | | |
| Councillor Carr | | | |
| Councillor Noon | | | |
| Councillor Turgeon | | | |

Four Seasons of Reasons.



MUNICIPALITY OF CALLANDER

Tuesday, December 18, 2018

Moved by Councillor Martin Dinger

Seconded by Councillor Palmer

RESOLUTION NO. 2018/12/316

That the Council of the Municipality of Callander support the recommendations for the appointment of Mayor Tom Piper from Nipissing and Councillor Dave Britton from Powassan to the Eastholme Board of Management for the 2018-2022 term.



Mayor

CARRIED / DEFEATED / AMENDED / DEFERRED

Recorded Vote (Upon Request of Councillor _____)
Section 246 (1) Municipal Act

| DISCLOSURE OF PECUNIARY INTEREST | | RECORDED VOTE | |
|-------------------------------------|-----|------------------|-----|
| MEMBER OF COUNCIL | (✓) | YEA | NAY |
| Mayor Lavigne | | | |
| Councillor Alkins | | | |
| Councillor Carr | | | |
| Councillor Noon | | | |
| Councillor Turgeon | | | |

Four Seasons of Reasons.



MUNICIPALITY OF CALLANDER

Tuesday, December 18, 2018

Moved by Councillor:

Seconded by Councillor

RESOLUTION NO. 2018/12/ 318

That Council support the appointment of Councillor Maurice Turgeon to the Parry Sound District Emergency Medical Service Advisory Committee for the 2018-2022 term.

Mayor

CARRIED / DEFEATED / AMENDED / DEFERRED

Recorded Vote (Upon Request of Councillor
Section 246 (1) Municipal Act

| DISCLOSURE OF PECUNIARY INTEREST | | RECORDED VOTE | |
|-------------------------------------|-----|------------------|-----|
| MEMBER OF COUNCIL | (✓) | YEA | NAY |
| Mayor Lavigne | | | |
| Councillor Alkins | | | |
| Councillor Carr | | | |
| Councillor Noon | | | |
| Councillor Turgeon | | | |

Four Seasons of Reasons.



MUNICIPALITY OF CALLANDER

Tuesday, December 18, 2018

Moved by Councillor

Seconded by Councillor

RESOLUTION NO. 2018/12/317

That Council support the recommendation for the appointment of Councillor Blair Flowers from Machar Township to the North Bay-Parry Sound District Health Unit for the 2018-2022 term.

Mayor

CARRIED / DEFEATED / AMENDED / DEFERRED

Recorded Vote (Upon Request of Councillor _____
Section 246 (1) Municipal Act

| DISCLOSURE OF PECUNIARY INTEREST | | RECORDED VOTE | |
|-------------------------------------|-----|------------------|-----|
| MEMBER OF COUNCIL | (✓) | YEA | NAY |
| Mayor Lavigne | | | |
| Councillor Alkins | | | |
| Councillor Carr | | | |
| Councillor Noon | | | |
| Councillor Turgeon | | | |

Four Seasons of Reasons.

January 23, 2019

Mayor and Councillors
Town of Powassan

Re: 70 King St Powassan
(formerly Grace House)

I have recently sent an application to the Town to have the above address rezoned to RV1 to permit the building to be remodelled to accomodate two, two bedroom wheelchair accessible apartments. Accompanying the application were three sketches outlining possible parking plans to create parking for four vehicles.

When I bought the building eighteen years ago and donated it to the local food bank and United Church Thrift shop, there was no discussion about parking and I assume that was because it was considered a commercial building which I understand does not require designated parking.

Since the food bank and thrift shop have moved to your building, I have been attempting to sell the building and to date have had no success. I have had interested parties who would like to turn it in to rental apartments but the parking issue has always discouraged them. I am not aware if there has been any interest in it for commercial purposes.

I have been having discussions with Kim Bester about the parking issue and she has looked at the three proposals I have made and has concerns with all three of them. She has also suggested that I settle the issue of parking prior to proceeding with the formal application to rezone.

I am enclosing a sketch of an alternate idea for parking which I would ask Council to consider. From my observation, it would appear there is a strip of land on my lot which accommodates an approximate four foot walkway from the sidewalk on King St to the Legion parking lot. This avoids Legion patrons having to walk to Edward St, and turn the corner to access the parking lot. It also appears that for years, the sixteen feet of property on the north side of my building has been incorporated in to the larger lot used by the legion, creating one big parking lot.

I am formally requesting that the Town consider the following proposal. I will grant an easement for the walkway and the 16 ft. X 67.88 ft. strip of land on the north side of my building and the Town will grant a right of way over the Legion parking lot for my entrance and some type of legal agreement which would give me four parking spaces for use by the apartment tenants. These spaces could be designated or not designated. This leaves the walkway and the existing parking lot to be used as it is at the present time.

Regardless of what the outcome may be, I believe it would be in the best interest of the Town and myself to have a legal agreement since there is always the possibility of my property changing hands at a later date.

In closing, my preference would be that the building be sold as a commercial building which would eliminate the parking issue and it is my intent to keep it for sale as such while we attempt to settle the parking issue. For that reason I would ask that you put the zoning request on hold until such time as we can determine the outcome.

John Jamieson

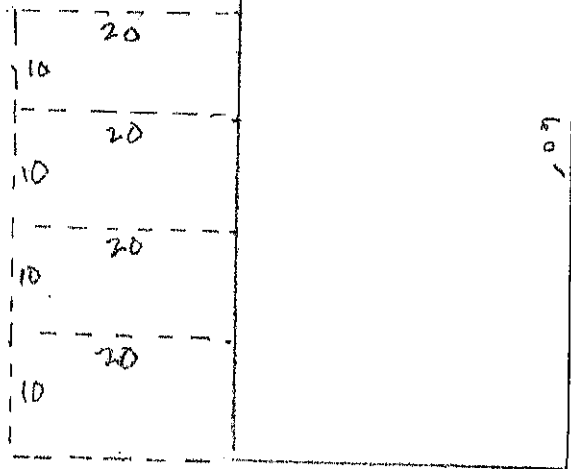


| | |
|----------------------|-----------|
| DATE OF COUNCIL MTG. | Feb. 5/19 |
| AGENDA ITEM # | 12.1 |

LEGION BUILDING

WALKWAY

EXISTING Legion
PARKING LOT



KING ST

EXISTING
CROSS CUT

EDWARD ST.

Scale 1 FT = 1/8 inch

■ CORNER MARKERS

ALTERNATIVE parking plan

Lesley Marshall

From: Maureen Lang
Sent: Monday, January 28, 2019 12:38 PM
To: Lesley Marshall
Subject: Fwd: Powassan DWS - 2018 Annual Water Report
Attachments: Powassan- 2018 Annual Water Report.pdf; ATT00001.htm

Begin forwarded message:

From: Josh Gravelle <JGravelle@ocwa.com>
Date: January 28, 2019 at 11:25:51 AM EST
To: "mlang@powassan.net" <mlang@powassan.net>
Cc: Paul Dyrda <PDyrda@ocwa.com>, Yvan Rondeau <YRondeau@ocwa.com>, "Alimpic, Vesna (MOECC)" <Vesna.Alimpic@ontario.ca>, "Spires, Erin (MOECC)" <Erin.Spires@ontario.ca>
Subject: Powassan DWS - 2018 Annual Water Report

Good afternoon Maureen,

Please find attached the 2018 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, 2019. 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

| | |
|----------------------------|-----------|
| DATE OF COUNCIL MEETING | Feb. 5/19 |
| AGENDA ITEM # | 12.2 |

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



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

January 28, 2019

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

Re: 2018 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 2018 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 2018 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 2018.

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 2018 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, 2019. Please ensure this distribution.

Yours truly,
Ontario Clean Water Agency

Joshua Gravelle
Process and Compliance Technician

Copy to: Erin Spires, Drinking Water Inspector, Ministry of the Environment and Climate Change



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Powassan Drinking Water System

2018 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 2018 Annual/Summary Report.

The page features four decorative, wavy, horizontal bands of a light gray, textured pattern. The first band is at the top, curving upwards. The second band is below the first, curving downwards. The third band is below the second, curving upwards. The fourth band is at the bottom, curving downwards.

Powassan Drinking Water System

Section 11

2018 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, 2018 to December 31, 2018

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 2018 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 2018.

Significant expenses incurred in the drinking water system include:

- Service connection installed at 343 Edward St. Live tapped a 2" service line for new Fire Hall. Distribution and Maintenance Form completed.
- Reservoir generator serviced. Air hose had become disconnected causing failure.
- August 3, 2018 Marshall Well Drilling was on-site at the Powassan Water Treatment Plant to inspect the gap on the side of the casing of Well #1 (identified during recent inspection).



After inspecting the gap, Marshall Well Drilling then filled the gap with bentonite clay grout and created small mound around the well casing at ground level.

- Well performance testing completed.
- Well house pipes and floor resurfacing completed.
- Well #2 inspection, including pump removal and below grade camera.
- Well #1 inspection, including pump removal and below grade camera.
- Well #2 casing and screen brushed in the presence of an enhanced disinfection solution to remove the buildup of tubercles and mineral precipitate.
- Electrical Safety Authority inspection deficiencies completed.
- Well #1 casing and screen brushed in the presence of an enhanced disinfection solution to remove the buildup of tubercles and mineral precipitate.

5.0 Drinking Water System Highlights

- The Ministry of the Environment, Conservation and Parks (MECP) performed an annual inspection on June 8, 2018. The inspection included a physical assessment of the Powassan Water Treatment Plant and a document review. The system received a risk rating of 3.96% and a final inspection rating of 96.04%.
- SAI Global conducted a 12 Month Surveillance 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 April 3, 2018 to ensure implementation of the Operational Plan and procedures and conformance to the Drinking Water Quality Management Standard. No findings were identified during the audit. Re-accreditation was achieved on April 21, 2016.
- New Operational Plan DWQMS version 2.0 completed and endorsed.

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, zero (0) adverse water quality incidents (AWQI) were reported to the MOE's Spills Action Centre (MOE SAC) in 2018.

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) | 52 | 0 to 0 | 0 to 0 | 0 | N/A |
| Raw (Well No. 2) | 53 | 0 to 0 | 0 to 0 | 0 | N/A |
| Treated | 53 | 0 to 0 | 0 to 0 | 53 | 0 to 105 |
| Distribution | 156 | 0 to 0 | 0 to 0 | 55 | 0 to 150 |

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. 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) | 27 | 0.08 to 0.70 | NTU |
| Turbidity (Well No. 2) | 28 | 0.08 to 1.24 | |

Continuous Monitoring in the Treatment Process

| Parameter | # of Samples | Range of Results (min to max) | Unit of Measure | Standard |
|---------------|--------------|----------------------------------|-----------------|----------|
| Free Chlorine | 8760 | 0.802 to 4.905 | 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 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 | 368 | 0.42 to 2.12 | 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 29 | 0.965 | < 0.003 | mg/L | No |
| April 23 | 1.000 | < 0.003 | mg/L | No |
| July 9 | 0.738 | < 0.003 | mg/L | No |
| October 9 | 0.748 | < 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 29 | 2.6 | ug/L | 3.5 | No |

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

| | | | | |
|-----------|-----|--|--|--|
| April 23 | 2.1 | | | |
| July 9 | 3.8 | | | |
| October 9 | 5.5 | | | |

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 29 (152 Fairview Lane) | <5.3 | ug/L | <5.3 | No |
| April 23 (299 Elm St.) | <5.3 | | | |
| July 9 (299 Elm St.) | <5.3 | | | |
| October 9 (299 Elm St.) | <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 10th and September 24th of 2018. 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 10 | 1 | Hydrant at 290 Edward Street | N/A | 7.25 | 83 |
| April 10 | 1 | Hydrant at 30 Valleyview | N/A | 7.35 | 95 |
| September 24 | 1 | Hydrant at 290 Edward Street | N/A | 6.95 | 92 |
| September 24 | 1 | Hydrant at 30 Valleyview | N/A | 7.44 | 98 |

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 |

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

| Parameter | Result Value | Unit of Measure | Standard | Exceedance |
|-----------|--------------|-----------------|----------|------------|
| 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-Dichlorophenoxyacetic acid (2,4-D) (ug/L) | 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) | 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) | 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 20, 2014 | 1 | 0.25 | mg/L | 1.5 | No |

Note: Sample required every 60 months. Next sampling scheduled for January 2019.

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

No additional sampling and testing was required for the Powassan DWS during the 2018 reporting period.

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Powassan Drinking Water System

Schedule 22

2018 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, 2018 to December 31, 2018 |

2.0 Requirements the System Failed to Meet

The last MECP inspection report dated June 8, 2018 identified the following non-compliance items. There were two non-compliance items noted in inspection report from 2018.

| Drinking Water Legislation | Requirement(s) the System Failed to Meet | Duration | Corrective Action(s) | Status |
|-----------------------------------|--|-----------------|--|---------------|
| Schedule 1 of O. Reg. 170/03 | <p>The owner was not maintaining the production well(s) in a manner sufficient to prevent entry into the well of surface water and other foreign materials.</p> <p>On the day of the inspection, it was observed that there is a gap between casing of Well # 1 and soil surrounding the casing that could potentially serve as a pathway of surface water to groundwater. Ground surface around the well was not sloped to prevent surface water from pooling around the wellhead. An inspection of the surface section of the well was conducted in June 2017, and the gap in the soil was not observed at that time. According to the information provided by the operating authority, the hole was probed and was found to be 6 ¼" to 7 ½" (15.8 to 19 cm) deep and 2" (5 cm) wide at the widest section.</p> | N/A | <p>Action(s) Required:</p> <p>On the day of the inspection, the operating authority was advised to retain the services of a licenced well contractor to inspect the gap around the casing and take measures as recommended by the well contractor.</p> <p>Prior to issuance of this inspection report, the operating authority was able to provide a written confirmation from a licenced well contractor dated August 7, 2018, who inspected the well casing and its seal to 2 feet depth and concluded that water did not seem to go down beside casing. The well's annular space was filled with grout and well was mounded around casing.</p> | Complete |



| Drinking Water Legislation | Requirement(s) the System Failed to Meet | Duration | Corrective Action(s) | Status |
|-----------------------------|---|---------------------|--|---|
| | Failure to maintain the production well in a manner sufficient to prevent entry into the well of surface water and other foreign materials is a violation of Schedule 1 of O. Reg. 170/03. | | No further action required. | |
| Schedule 7 of O. Reg. 170/3 | <p>Turbidity was not being tested at least once every month from each well that is supplying water to the system.</p> <p>A review of turbidity sampling records showed that turbidity samples from both wells were collected on the following dates and with the following numbers of days between samples:</p> <ul style="list-style-type: none"> - November 20, 2017 to December 6, 2017 – 16 days apart, - December 6, 2017 to January 22, 2018 – 47 days apart, - April 9, 2018 to May 22, 2018 – 43 days apart, - May 22, 2018 to June 1, 2018 – 10 days apart. <p>Ministry's interpretation of the above quoted sections of O. Reg. 170/03 is that if at least one water sample to be taken and tested for a specific parameter every month, there would still be a requirement to take at least 1 sample for that parameter in each calendar month, and each subsequent sample would also have to be taken at least 20 and not more than 40 days after the previous sample was taken, as required by subsection 6-1.1(3).</p> | See column to left. | <p>Action(s) Required:</p> <p>Prior to the issuance of this inspection report, the operating authority indicated that a Standard Operating Procedure (SOP) has been developed for turbidity monitoring that will include regulatory requirements for turbidity monitoring from each well and a new Best Practice to sample both wells for turbidity weekly. Training of operators regarding the sampling requirements for turbidity will be done through a review of the turbidity SOP. By no later than August 31, 2018, the operating authority is required to provide a written confirmation that training of operators in the above described SOP has taken place to Sherry Ilersich, Ministry of the Environment, Conservation and Parks, Water Compliance Supervisor, Timmins/North Bay District by email to sherry.ilersich@ontario.ca, by fax (705) 497-6866 or by mail to the Ministry of the Environment, Conservation and Parks, North Bay Office, Unit 16 & 17, 191 Booth Road,</p> | <p>SOP created and reviewed by operators.</p> <p>Complete</p> |



| Drinking Water Legislation | Requirement(s) the System Failed to Meet | Duration | Corrective Action(s) | Status |
|----------------------------|---|----------|-------------------------|--------|
| | Failure to take monthly samples for each well that is supplying water to the system and have them tested for turbidity least 20 days, and not more than 40 days, after a sample was taken for that purpose in the previous month is a violation of Schedule 7 of O. Reg. 170/3. | | North Bay, ON, P1A 4K3. | |

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.

Water Usage

The following water usage tables summarize the quantities and flow rates of water taken and produced during the 2018 reporting period, including total monthly volumes, average monthly volumes, maximum monthly volumes, and maximum flow rates.

Raw Water

2018 - Monthly Summary of Water Takings from the Source (Well #1)

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

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Year to Date |
|---|------|------|------|------|------|------|------|------|------|------|------|------|--------------|
| Total Volume (m ³) | 6727 | 6533 | 6685 | 6504 | 7186 | 6738 | 7880 | 6223 | 6678 | 8185 | 2423 | 3634 | 75397 |
| Average Volume (m ³ /d) | 217 | 233 | 216 | 217 | 232 | 225 | 254 | 201 | 223 | 264 | 81 | 117 | 207 |
| Maximum Volume (m ³ /d) | 270 | 299 | 271 | 295 | 498 | 303 | 371 | 447 | 491 | 772 | 246 | 264 | 772 |
| 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) | 896 | 892 | 899 | 896 | 899 | 890 | 885 | 893 | 888 | 892 | 892 | 903 | 903 |
| PTTW-Maximum Allowable Flow Rate (L/min) | 912 | 912 | 912 | 912 | 912 | 912 | 912 | 912 | 912 | 912 | 912 | 912 | 912 |



Powassan Drinking Water System – 2018 Annual/Summary Report

2018 - 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) | 6371 | 5926 | 5939 | 6225 | 6797 | 6252 | 7317 | 5621 | 4691 | 3790 | 9062 | 7910 | 75902 |
| Average Volume (m ³ /d) | 206 | 212 | 192 | 207 | 219 | 208 | 236 | 181 | 156 | 122 | 302 | 255 | 208 |
| Maximum Volume (m ³ /d) | 259 | 264 | 247 | 295 | 377 | 335 | 392 | 419 | 385 | 250 | 472 | 441 | 472 |
| 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) | 873 | 898 | 874 | 880 | 877 | 871 | 874 | 902 | 904 | 910 | 903 | 911 | 911 |
| PTTW - Maximum Allowable Flow Rate (L/min) | 912 | 912 | 912 | 912 | 912 | 912 | 912 | 912 | 912 | 912 | 912 | 912 | 912 |

2018 - 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) | 13099 | 12459 | 12624 | 12729 | 13983 | 12990 | 15197 | 11844 | 11369 | 11976 | 11486 | 11544 | 151299 |
| Average Volume (m ³ /d) | 423 | 445 | 407 | 424 | 451 | 433 | 490 | 382 | 379 | 386 | 383 | 372 | 415 |
| Maximum Volume (m ³ /d) | 493 | 526 | 452 | 483 | 740 | 523 | 680 | 495 | 491 | 772 | 472 | 441 | 772 |
| 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 772 m³ in October 2018. 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 December 2018.

Treated Water

2018 - 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) | 13099 | 12459 | 12624 | 12729 | 13983 | 12990 | 15197 | 11844 | 11369 | 11976 | 11486 | 11544 | 151299 |
| Average Volume (m ³ /d) | 423 | 445 | 407 | 424 | 451 | 433 | 490 | 382 | 379 | 386 | 383 | 372 | 415 |
| Maximum Volume (m ³ /d) | 493 | 526 | 452 | 483 | 740 | 523 | 680 | 495 | 491 | 772 | 472 | 441 | 772 |
| MDWL - Rated Capacity (m ³ /day) | 1313 | 1313 | 1313 | 1313 | 1313 | 1313 | 1313 | 1313 | 1313 | 1313 | 1313 | 1313 | 1313 |



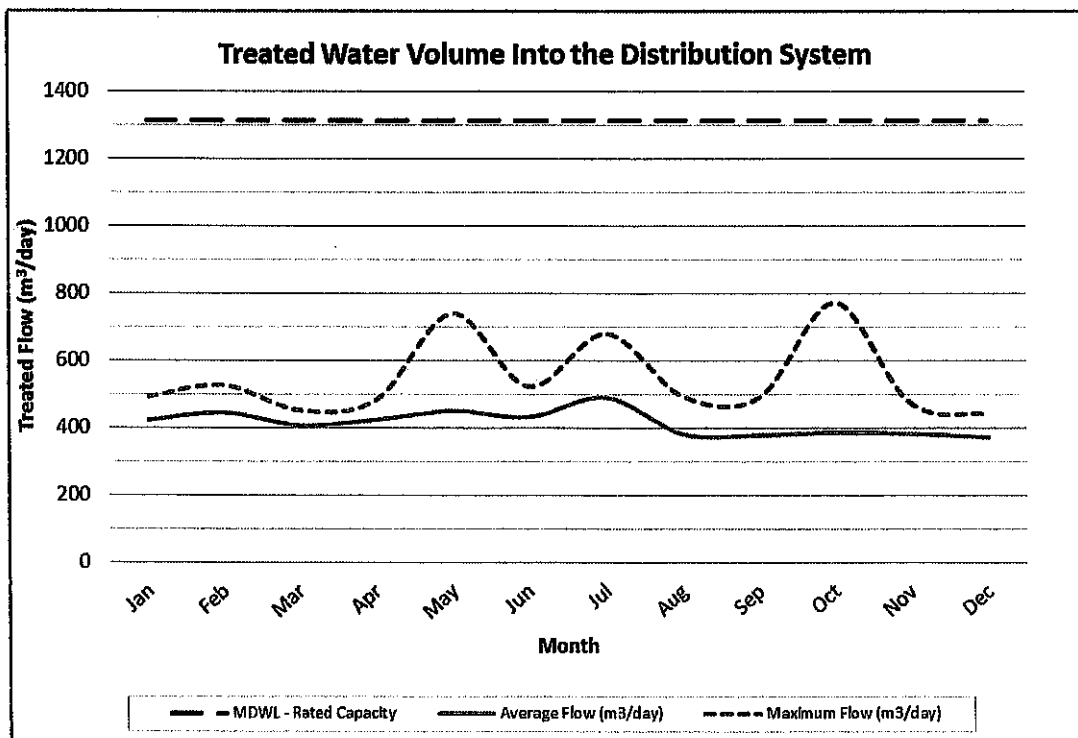
Schedule C, Section 1.1 of MDWL No. 266-101 states that the maximum daily volume of treated water that flows from the treatment subsystem to the distribution system shall not exceed a maximum flow rate of 1313 m³/day. The Powassan DWS complied with this limit having a recorded maximum volume of 792 m³ in October 2018, which is 60.3% 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 2018 | 415 m ³ /day | 31.6% of the rated capacity |
| Maximum Daily Flow for 2018 | 772 m ³ /day | 60.3% of the rated capacity |
| Total Treated Water Produced in 2018 | 151,299 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 415 m³ per day, which is 31.6% 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.





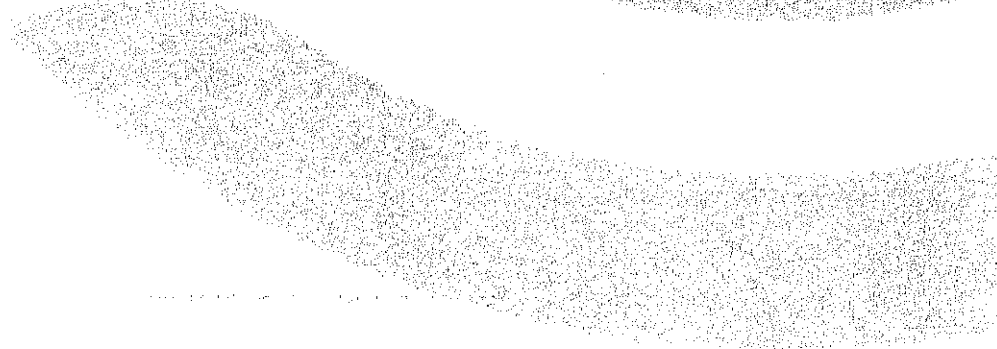
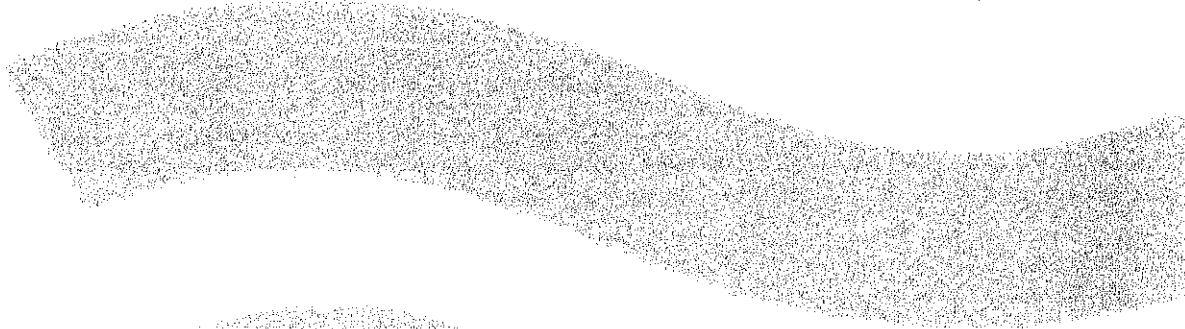
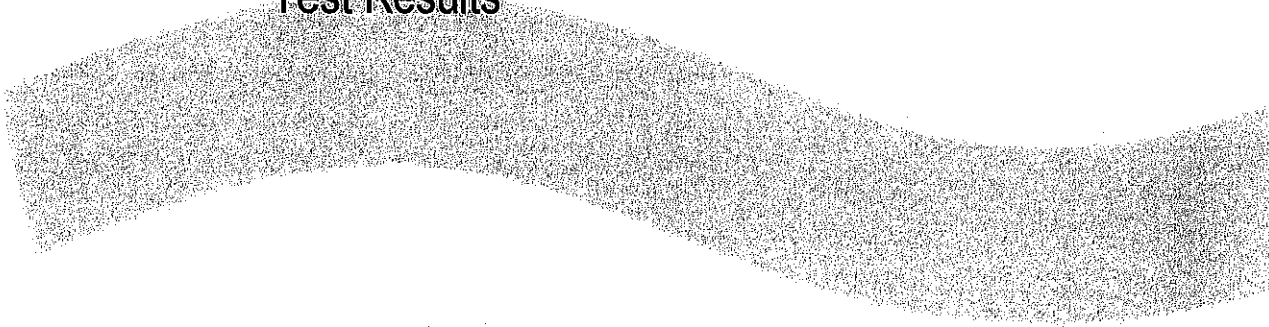
CONCLUSION

In 2018, 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 two non-compliance issues during the reporting period. Two non-compliance items were identified during the annual MECP inspection on June 8, 2018. Furthermore, the Powassan DWS did not have any adverse water quality incidents reported to the MOE's Spills Action Centre.



APPENDIX A

Monthly Summary of Microbiological Test Results



Facility ID# Number:

Facility Works Number:

Facility Owner:

Reactive:**Total Design Capacity:**

Description / E Coli - O157:H7

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CELEBRITY

907 XXY

WJLB

Max Lab

Min Lab

457 pages

MinLab

Work List

Wiley-Labs

Max Lab

q77 unit

Abz Lab

derby

Donk Lab

Min Lab

Page 1 of 1

טעם

| Count Lab | Test Lab |
|-----------|----------|
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Min Lab

| Court Lab | Law Lab |
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Min. Lab.

957 2506

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Court Lab

MinLab

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APPENDIX B

Monthly Summary of Operational Data

Report extracted 01/09/2019 09:15

Powassan Drinking Water System
Monthly Summary of Operational Data
From: 01/01/2018 to 31/12/2018

6033
Facility Org Number:
220000576
Facility Works Number:
POWASSAN DRINKING WATER SYSTEM
Facility Name:
Municipality: Municipality Of Powassan
Facility Owner:
Class 1 Water Treatment
Facility Classification:
Receiver:
Service Population:
Total Design Capacity:
1313.0 m3/day

| | 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 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|-------|-------|-------|
| Distribution / CI Residual: Free DW1 - mg/L | | | | | | | | | | | | | | | | |
| Count IH | 9 | 8 | 9 | 9 | 9 | 9 | 8 | 9 | 9 | 8 | 9 | 9 | 105 | | | |
| Total IH | 16.1 | 12.74 | 16.27 | 16.65 | 16.38 | 13.04 | 13.98 | 15.17 | 13.02 | 12.72 | 15.84 | 14.21 | 176.12 | | | |
| Max IH | 1.88 | 1.97 | 2.07 | 1.96 | 2.01 | 1.93 | 1.81 | 2.1 | 1.93 | 2.12 | 2.12 | 2.08 | | | 2.12 | |
| Mean IH | 1.789 | 1.593 | 1.808 | 1.85 | 1.82 | 1.63 | 1.553 | 1.686 | 1.628 | 1.473 | 1.76 | 1.579 | | 1.577 | | |
| Min IH | 1.66 | 0.71 | 1.53 | 1.76 | 1.68 | 1.15 | 1.03 | 0.86 | 0.91 | 0.42 | 1.34 | 1.04 | | | | 0.42 |
| Distribution / CI Residual: Free DW2 - mg/L | | | | | | | | | | | | | | | | |
| Count IH | 9 | 8 | 9 | 9 | 9 | 8 | 8 | 9 | 8 | 9 | 9 | 9 | 105 | | | |
| Total IH | 15.04 | 14.24 | 16.23 | 16.23 | 16.35 | 14.52 | 14.81 | 14.83 | 11.28 | 13.43 | 13.66 | 14.84 | 175.46 | | | |
| Max IH | 1.82 | 1.92 | 2.02 | 1.99 | 1.98 | 2.09 | 1.99 | 2.1 | 1.78 | 1.85 | 2.04 | 2.01 | | | 2.1 | |
| Mean IH | 1.671 | 1.76 | 1.803 | 1.803 | 1.817 | 1.815 | 1.848 | 1.849 | 1.41 | 1.492 | 1.518 | 1.649 | | 1.571 | | |
| Min IH | 1.51 | 1.65 | 1.56 | 1.62 | 1.55 | 1.51 | 1.33 | 0.65 | 0.71 | 0.92 | 0.86 | 1.04 | | | | 0.65 |
| Distribution / CI Residual: Free DW3 - mg/L | | | | | | | | | | | | | | | | |
| Count IH | 9 | 8 | 9 | 9 | 9 | 8 | 8 | 9 | 8 | 9 | 9 | 9 | 105 | | | |
| Total IH | 16.25 | 14.33 | 15.33 | 15.88 | 16.11 | 14.26 | 14.49 | 16.1 | 12.23 | 13.21 | 16.37 | 16.21 | 180.97 | | | |
| Max IH | 1.96 | 1.99 | 1.91 | 1.98 | 2.08 | 1.9 | 1.86 | 1.99 | 1.77 | 1.99 | 2.01 | 2.12 | | | 2.12 | |
| Mean IH | 1.806 | 1.791 | 1.703 | 1.764 | 1.79 | 1.783 | 1.61 | 1.789 | 1.529 | 1.468 | 1.841 | 1.801 | | 1.724 | | |
| Min IH | 1.69 | 1.66 | 1.48 | 1.22 | 1.19 | 1.86 | 1.27 | 1.38 | 1.28 | 1.11 | 1.66 | 1.57 | | | | 1.11 |
| Distribution / CI Residual: Free DW4 - mg/L | | | | | | | | | | | | | | | | |
| Count IH | 5 | 4 | 4 | 5 | 4 | 4 | 4 | 5 | 4 | 4 | 5 | 4 | 53 | | | |
| Total IH | 8.56 | 6.2 | 7.46 | 9.45 | 7.36 | 7.04 | 7.89 | 7.42 | 5.95 | 7.2 | 5.68 | 8.25 | 88.4 | | | |
| Max IH | 1.82 | 1.88 | 1.93 | 2.01 | 1.89 | 1.87 | 1.87 | 2.01 | 1.63 | 1.84 | 1.97 | 1.88 | | | 2.01 | |
| Mean IH | 1.712 | 1.55 | 1.855 | 1.89 | 1.84 | 1.76 | 1.566 | 1.855 | 1.488 | 1.44 | 1.42 | 1.55 | | 1.688 | | |
| Min IH | 1.57 | 0.73 | 1.83 | 1.65 | 1.77 | 1.84 | 1.46 | 1.77 | 1.37 | 1.01 | 0.97 | 1.34 | | | | 0.73 |
| Raw Well 1 / Turbidity - NTU | | | | | | | | | | | | | | | | |
| Count IH | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 4 | 4 | 5 | 2 | 4 | 27 | | | |
| Total IH | 0.19 | 0.11 | 0.13 | 0.11 | 0.2 | 0.38 | 0.13 | 1.22 | 0.44 | 0.57 | 0.16 | 1.06 | 4.7 | | | |
| Max IH | 0.19 | 0.11 | 0.13 | 0.11 | 0.2 | 0.2 | 0.13 | 0.53 | 0.14 | 0.14 | 0.08 | 0.7 | | | 0.7 | |
| Mean IH | 0.19 | 0.11 | 0.13 | 0.11 | 0.2 | 0.19 | 0.13 | 0.305 | 0.11 | 0.114 | 0.08 | 0.285 | | 0.174 | | |
| Min IH | 0.19 | 0.11 | 0.13 | 0.11 | 0.2 | 0.18 | 0.13 | 0.13 | 0.08 | 0.09 | 0.08 | 0.08 | | | | 0.08 |
| Raw Well 2 / Turbidity - NTU | | | | | | | | | | | | | | | | |
| Count IH | 1 | 1 | 1 | 1 | 1 | 2 | 1 | 5 | 4 | 4 | 4 | 3 | 28 | | | |
| Total IH | 0.24 | 0.16 | 0.17 | 0.13 | 0.12 | 0.2 | 0.23 | 2.34 | 0.59 | 0.99 | 0.59 | 0.38 | 6.14 | | | |
| Max IH | 0.24 | 0.16 | 0.17 | 0.13 | 0.12 | 0.11 | 0.23 | 1.24 | 0.19 | 0.61 | 0.16 | 0.17 | | | 1.24 | |
| Mean IH | 0.24 | 0.16 | 0.17 | 0.13 | 0.12 | 0.1 | 0.23 | 0.468 | 0.148 | 0.248 | 0.148 | 0.127 | | 0.219 | | |
| Min IH | 0.24 | 0.16 | 0.17 | 0.13 | 0.12 | 0.09 | 0.23 | 0.18 | 0.1 | 0.08 | 0.13 | 0.09 | | | | 0.08 |
| Treated Water / CI Residual: Free Min - 0.45 - mg/L | | | | | | | | | | | | | | | | |
| Max OL | 3.284 | 2.768 | 2.357 | 2.509 | 2.527 | 2.689 | 2.498 | 2.576 | 3.308 | 4.905 | 3.439 | 3.201 | | | 4.905 | |
| Mean OL | 1.896 | 1.984 | 1.887 | 1.942 | 1.988 | 1.91 | 1.742 | 1.956 | 1.799 | 1.929 | 1.929 | 2.049 | | 1.91 | | |
| Min OL | 1.005 | 1.247 | 0.883 | 0.883 | 0.894 | 1.303 | 1.085 | 0.883 | 1.212 | 0.802 | 1.497 | 1.355 | | | | 0.802 |



POWASSAN WATER & WASTEWATER SYSTEMS QUARTERLY OPERATIONS REPORT

SYSTEM OVERVIEW

October 1st to December 31st, 2018

OPERATIONAL HIGHLIGHTS

Drinking Water System

- The water treatment system operated well during the fourth quarter.
- Fire hydrant repair at Clark and Edward St.
- Fall hydrant maintenance flushing completed.
- Issues with Well house generator. Failed to start. Service technicians were scheduled.
- Issues with Well #1 level sensor causing alarms. Potentially a frozen atmospheric vent tube.

Wastewater Treatment

- The wastewater treatment system performed well during the fourth quarter.
- Fall discharge complete, discharge began October 15 and ended November 14.
- Issues with Clark Street generator. Failed to start. Service technicians were scheduled.
- Troubleshooting for Clark St generator start issues. Generator technicians and HVAC technicians are working on it. Suspect natural gas supply.
- Gas checked gas supply for generator and deem to be good. Generator continues to have problems starting.

CAPITAL PLAN PROGRESS

Drinking Water System

- Well #2 casing and screen brushed in the presence of an enhanced disinfection solution to remove the buildup of tubercles and mineral precipitate.
- Well #2 pump was reinstalled.
- All Electrical Safety Authority inspection deficiencies are completed.
- Well #1 inspection, including pump removal and below grade camera.
- Well #1 casing and screen brushed in the presence of an enhanced disinfection solution to remove the buildup of tubercles and mineral precipitate.
- Well #1 pump was reinstalled.

| | |
|----------------------|------------|
| DATE OF COUNCIL MTG. | Feb. 5/19. |
| AGENDA ITEM # | 12.3 |



POWASSAN WATER & WASTEWATER SYSTEMS

QUARTERLY OPERATIONS REPORT

- Hydro pole warning signs were installed to complete the deficiency list as required by the Electrical Safety Authority (ESA) inspection report.

Wastewater Treatment Lagoon

- N/A

ASSET MANAGEMENT

See Appendix A - Work Order summary for water treatment plant (WTP)

See Appendix B - Work Order summary for wastewater treatment lagoon (WWTL)

CALL-OUT SUMMARY

See Appendix C - Call-out Report for WTP

See Appendix D - Call-out Report for WWTL

REGULATORY

- All drinking water samples required under O. Regulation 170/03 were collected and tested in the fourth quarter of 2018 and all results fell within regulatory limits.
- Quarterly trihalomethanes (THM), haloacetic acids (HAA), Nitrate and Nitrite sampling completed October 9, 2018.
- Distribution Repair and Maintenance Form completed for October 11, 2018 fire hydrant repair at Clark and Edward St. Water shut off notices delivered to affected residents.
- ESA inspection completed October 26, 2018 for both water and sewage facilities. Deficiencies have been addressed.
- Annual Capital and Major Maintenance Recommendations Report completed.
- Annual Hach instrument calibrations completed on November 20, 2018.
- THM running annual average below limit of 100 ug/L with a result of 3.50 ug/L in the past four quarters.
- HAA running annual average below the proposed limit of 80 ug/L (comes into effect January 1, 2020) with a result of <5.3 ug/L.
- No Ministry of Labour (MOL) inspections conducted this quarter.
- DWQMS Management Review completed December 4, 2018.
- All required sewage samples required under the system's Environmental Compliance Approval (ECA) were collected and tested in the fourth quarter of 2018.



POWASSAN WATER & WASTEWATER SYSTEMS

QUARTERLY OPERATIONS REPORT

- Ministry of the Environment, Conservation and Parks inspection of Wastewater Treatment Lagoon on December 5, 2018. 2 non-compliance issues and 4 best practice recommendations. All resolved.
- Lagoon fall discharge completed, all sample results were well below ECA limits.

INCIDENTS AND COMPLAINTS

Powassan Drinking Water System

- Sept. 21/18 - 84 Queen St. While operator was performing semi-annual flushing, he was approached by the home owner of 84 Queen St. stating "that was quick" as she had just emailed the municipal office regarding coloured water. Operator advised her that it was coincidence as he had not heard from the municipality and that he would touch base with them to let them know he flushed the dead end watermain. Flushed dead end watermain for 15 minutes until water ran clear. Notified public works of complaint and response.

Powassan Wastewater System

- Nothing to report for the Drinking Water System in the fourth Quarter.

HEALTH AND SAFETY

- Staff training completed on ergonomics.
- Staff training completed on resolving workplace health and safety issues.
- Staff training completed on fire extinguishers.

POWASSAN DRINKING WATER SYSTEM PERFORMANCE

See Appendix E – Performance Assessment Report Water

POWASSAN WASTEWATER TREATMENT LAGOON – WASTEWATER FLOW SUMMARY

See Appendix F – Performance Assessment Report Wastewater



Ontario Clean Water Agency
Agence Ontarienne Des Eaux
Northeastern Ontario Region

POWASSAN WATER & WASTEWATER SYSTEMS

QUARTERLY OPERATIONS REPORT

Appendix A - Work Order Summary for WTP

Workorder Summary Report

Report Start Date: Oct 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 6033*
Work Order Type: CAP,CORR,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Work Order | | PMIS Details | | Work Order Details | | Worklog Detail | |
|---------|----------|--|----------------------|------------|---------------------------|--------------|-------|--------------------|------------------|------------------|--|
| | | | | Type | Class | WO | Units | Status | Schedule | Actual | Worklog Detail |
| 983654 | | 6033, Powassan WTP, Facility, Power Distribution | | CORR | Refurbish/ Replace/Repair | 0 | | COMP | 1/4/19 03:12 PM | 1/4/19 03:12 PM | Powassan 2018 Electrical Safety Authority Inspection Deficiencies - Correction of ESA deficiencies Water Leak 356 Main at 6033 Powassan - Asked by Scott T to investigate a possible water leak at 356 main at north. Checked water for c12, does not appear to be any c12, listened on service box, could not hear a leak, appears to be ground water. TF Dec 4/18 |
| 1052601 | | Powassan Ground Water Well System | | OPER | Refurbish/ Replace/Repair | 0 | | COMP | 12/5/18 01:13 PM | 12/5/18 01:13 PM | New battery for powassan 6033 wellhouse generator - Purchase of new battery, required as old battery did not start the genset on last power outage, it was noted in Vals annual inspections to be replaced. TF Dec 5/18 |
| 1052602 | | 6033, Powassan WTP, Facility, Power Generation | | CORR | Refurbish/ Replace/Repair | 0 | | COMP | 12/7/18 12:38 PM | 12/7/18 12:38 PM | - Installed new battery of exact type for wellhouse generator. test ran generator monitored charging status and returned old core to battery battery. Cost of battery 139.95 plus tax. TF Dec 6/18 |
| 981107 | | 6033, Powassan WTP, Process, Highlift | | OPER | Refurbish/ Replace/Repair | 0 | | COMP | 10/9/18 10:45 AM | 10/9/18 01:30 PM | Aux 1 alarm powassan 6033 low reservoir level - Called by Darren Aljoe for Aux 1 alarm, which was low reservoir level, arrived found pump 1 in fault, reservoir level at 3.4m, cleared pump fault from control panel "in low voltage fault" started pump in hand, reservoir up to 3.5m alarm cleared from hmi screen. Tied switching to auto pump wouldnt run, back in hand, advised john pump was in sample, completed rounds. TF Oct 9/18 |

Report Start Date: Oct 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 6033*
 Work Order Type: CAP,CORR,OPER,PM
 Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Work Order | | Frequency | | Work Order Details | | Work Order Details | |
|---------|------------|---|--|------------|------------|-----------|--------|---|------------------|--------------------|-------------------|
| | | | | Type | Class | HEQ | Units | Status | Schedule | Actual Start | Actual Finish |
| 1002513 | 0000235294 | PANEL ALARM/ DIALER 01 POWASSAN GROUND WATER WELL | 6033, Powassan WTP, Process Lowlift, Well System | PM | Inspection | 1 | MONTHS | COMP | 11/1/18 12:00 AM | 11/23/18 12:45 PM | 11/23/18 01:15 PM |
| | | | | | | | | Critical Alarm/Dialer Testing (1m) 6033 | | | |
| | | | | | | | | -23 Nov 2018: Performed the monthly testing of the critical alarms. Pulled the probe out of the on-line chlorine analyzer sample cell to perform a monthly inspection and cleaning and also to force a low chlorine condition for the monthly testing of the low chlorine alarm, the alarm dialer and the well pump interlock lockout. The probe was pulled at 12:49 hrs, the low Cl alarm sounded and the well pump lockout activated at 12:59 hrs when the Cl residual dropped below the 0.80 mg/L alarm set point. At 13:01 hrs the on-call operator D. Alice called to notify me the low chlorine alarm. At 13:07 hrs I replaced the Cl probe back into the flow thru sample cell. At 13:10 hrs I reset the well pump lockout to resume normal operation of the well house. These actions verified proper operation of the low Cl alarm, alarm dialer and well pump interlock. JH | | | |

Workorder Summary Report

Report Start Date: Oct 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 6033*
Work Order Type: CAP,CORR,OPER,PM
Work Order Class:

| Work Order | | Work Order Details | | Work Order Details | | Work Order Details | |
|---|----------|--------------------|----------------------|--------------------|-------------------|--------------------|---|
| WO # | Asset ID | Asset Description | Location Description | Type | Class | Units | Work Order Description |
| 1002848 | | 6033, Povassan WTP | | PM | Health and Safety | 1 MONTHS | Health And Safety Inspection (1m) 6033 |
| | | | | | | | COMP 11/1/18 12:00 AM 11/19/18 11:45 AM 11/19/18 12:00 PM |
| | | | | | | | Actual Start Actual Finish |
| 1002950 | | 6033, Povassan WTP | | PM | Calibration | 1 MONTHS | Analyzer Chlorine Inspection/Service (1m) 6033 |
| | | | | | | | COMP 11/1/18 12:00 AM 11/21/18 10:45 AM 11/21/18 11:00 AM |
| | | | | | | | Actual Start Actual Finish |
| <p>19 Nov 2018. Performed the monthly Health & Safety inspection of the water treatment and supply facility. The general condition of the facilities is good and the system is operating well. The inspection also included inspection of all the safety equipment at the well house building. This included inspection of the first aid kit, emergency eye wash, chemical apron, chemical face shield, spill kit, chemical storage and secondary containment, safety signage bearing protection ear muffs, emergency lighting unit and the fire extinguisher. All safety equipment was found to be present and in good condition. J.H.</p> <p>21 Nov 2018. Performed the monthly inspection and calibration check of the on-line chlorine analyzer. A comparison of the free chlorine residual measured with the recently calibrated hand held portable pocket colourimeter chlorine analyzer and the on-line chlorine analyzer was made. The on-line instrument read a free chlorine 1.93 mg/L while the pocket colourimeter measured 1.79 mg/L. The analyzer was adjusted to correct the calibration for drift. J.H.</p> | | | | | | | |

Workorder Summary Report

Report Start Date: Oct 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 6033*
Work Order Type: CAP,CORR,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Work Order | | PM Schedule | | Work Order Details | | | Work Order Details | |
|---------|----------|-------------------|----------------------|------------|-------------|-------------|--------|---|--------|------------------|--------------------|--|
| | | | | Type | Class | PEQ | Units | Work Order Description | Status | Start | Actual Start | Work Log Detail |
| 1003023 | | | 6033, Powassan WTP | PM | Calibration | 1 | MONTHS | Analyzer Turbidity Inspection/Service (1m) 6033 | COMP | 11/1/18 12:00 AM | 11/4/19 02:00 PM | Analyzer Turbidity Inspection/Service (1m) 6033 This work order was used as a reminder for the operator to take the monthly turbidity measurement of raw water from both wells. As of Sep 2018 an SOP was issued requiring the operator to take raw water turbidity measurements weekly instead of monthly and to record them on the monthly summary data sheet which was modified with spaces to record them when taken weekly. Therefore this work order is no longer required and the operator has requested that it be deleted from the monthly O & M work orders. JH |
| 1004252 | | | 6033, Powassan WTP | PM | Inspection | 1 | MONTHS | TPM Inspection/Maintenance (1m) 6033 | COMP | 11/1/18 12:00 AM | 11/30/18 11:00 AM | TPM Inspection/Maintenance (1m) 6033 -30 Nov 2018: Performed the monthly TPM inspection of the Well House for Nov 2018. The facility is generally operating well. The inspection included the exhaust fan and motorized fans; inspection of both motorized feed pumps and lines; and checking the flow outputs of both well pumps on the data logger reading. All items on this monthly TPM inspection are also covered off on monthly weekly visits to this facility. The only item to note is well pump #1 is currently out of service to undergo an inspection and maintenance of the well. JH |

Workorder Summary Report

Report Start Date: Oct 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 6033*
Work Order Type: CAP,CORR,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Work Order | | PM Schedule | | Work Order Details | | | | Work Order Detail |
|---------|------------|--|--|------------|------------------------------|-------------|--------|--------------------|------------------|-------------------|-------------------|--|
| | | | | Type | Class | REQ | Units | Status | Schedule Start | Actual Start | Actual Finish | |
| 1904257 | 0000209142 | GENERATOR DIESEL POWASSAN GROUND WATER WELL | 6033, Powassan WTP, Facility, Power Generation | PM | Refurbish/ Replace/Repair | 1 | MONTHS | COMP | 11/1/18 12:00 AM | 11/19/18 10:15 AM | 11/19/18 11:45 AM | Diesel Generator Inspection/ Functional Test (Im) 6033 -19 Nov 2018. Performed the monthly inspection of the standby gen set and the monthly test run. The inspection included checking the oil and fuel levels, checking the battery leaks, checking the battery and battery charger. All were found to be in good condition, at proper levels and no leaks were found. The fall tank is over half full. The unit started and ran well. The unit was run for approximately one hour and ten minutes. The total hours at the start of the test run was 3972.9 hours and at the end of the test run were 3974.0 hours. Test starts of the unit are now at 392. J.H. |
| 1905226 | | | 6033, Powassan WTP | OPER | Compliance | 1 | MONTHS | COMP | 11/1/18 12:00 AM | 11/6/18 12:15 PM | 12/6/18 01:30 PM | WISKI Review (Im) 6033 -06 Nov 2018. Entered the Oct 2018 PDM data and reviewed to ensure it is complete. Checked and made sure the lab data uploads were completed. Made correction of errors in the on- line data uploads caused due to monthly maintenance activities and monthly alarm testing. J.H. WISKI Review (Im) 6033 -06 Dec 2018. Made corrections to PDM data auto uploads. J.H. WISKI Review (Im) 6033 -07 Dec 2018. Completed corrections to WISKI PDM uploads. J.H. |

Workorder Summary Report

Report Start Date: Oct 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 6033*
 Work Order Type: CAP,CORR,OPER,PM
 Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Work Order | | PM/Schedule | | Workorder Details | | | | Working Detail |
|---------|------------|---|--|------------|------------------------------|-------------|--------|-------------------|------------------|-------------------|-------------------|--|
| | | | | Type | Class | FREQ | Units | Status | Schedule Start | Actual Start | Actual Finish | |
| 1019255 | 0000235294 | PANEL ALARM/ DIALER 01 POWASSAN GROUND WATER WELL | 6033 Powassan WTP, Process, Lowlift, Well System | PM | Inspection | 1 | MONTHS | COMP | 12/1/18 12:00 AM | 12/18/18 09:45 AM | 12/18/18 10:00 AM | Critical Building Intrusion Alarm Testing (1m) 6033 -18 Dec 2018. Performed a test of well supply building entrance door intrusion alarm for Dec 2018. Opened the entry door at 09:45 hours and did not disarm the facility alarm key; pad to cause an intrusion alarm and see if the True Steel Alarm Monitoring Service would receive it and call the on-call operator to advise them they were receiving an intrusion alarm for the facility. The door intrusion alarm started to sound at 09:45 hours. At 09:49 hours On-call operator Darren Aljoe called to inform me that True Steel Alarm Monitoring Service had just contacted him to advise they were receiving a facility door intrusion alarm for the Powassan wellhouse. This confirms that the building door intrusion alarm is working. JH |
| 1030074 | 0000296004 | GENERATOR NATURAL GAS GENSET McRae Road Reservoir | 6033 Powassan WTP, Facility, Power Generation | PM | Refurbish/ Replace/Repair | 1 | MONTHS | COMP | 12/1/18 12:00 AM | 12/07/18 11:00 AM | 12/17/18 11:30 AM | Reservoir Natural Gas Generator Inspection/Functional Test (1m) 6033 -17 Dec 2018. Performed the monthly inspection of the natural gas standby gen set at the water reservoir site and performed the monthly test run for Dec 2018. The inspection included checking the oil, checking for any leaks and checking the security of the gen set. The oil was found to be at an appropriate level and no leaks were found. The unit started and ran well. The unit was run for approximately 33 minutes. JH |

Workorder Summary Report

Report Start Date: Oct 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 6033*
Work Order Type: CAP,CORR,OPER,PM
Work Order Class:

| WO # | | Asset ID | Asset Description | Location/Description | Work Order Type | Class | PM Schedule | Work Order Description | Status | Schedule Start | Actual Start | Actual Finish | Work Log Detail |
|---------|--|------------|---|---|-----------------|------------|-------------|--|--------|------------------|-------------------|-------------------|---|
| 1035027 | | 0000235294 | PANEL ALARM/ DIALER 01 POWASSAN GROUND WATER WELL | 6033 Powassan WTP Process, Lowlift, Well System | PM | Inspection | 1 MONTHS | Critical Alarm/Dialer Testing (1m) 6033 | COMP | 12/1/18 12:00 AM | 12/18/18 09:00 AM | 12/18/18 09:45 AM | Critical Alarm/Dialer Testing (1m) 6033 -18 Dec 2018. Performed the monthly testing of the critical alarms. Pulled the probe out of the on-line chlorine analyzer sample cell to perform a monthly inspection and cleaning and also to force a low chlorine condition for the monthly testing of the low chlorine alarm, the alarm dialer and the well pump interlock lockout. The probe was pulled at 09:23 hrs; the low Cl alarm sounded and the well pump lockout activated at 09:27 hrs when the Cl residual dropped below the 0.80 mg/L alarm set point. At 09:33 hrs the on-call operator D. Aljoe called to advise he had received an alarm notification re the low chlorine alarm. At 09:39 hrs I replaced the Cl probe back into the flow thru sample cell. At 09:43 hrs I reset the well pump lockout to resume normal operation of the well house. These actions verified proper operation of the low Cl alarm, alarm dialer and well pump interlock. J.H. |

Workorder Summary Report

Report Start Date: Oct 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 6033*
Work Order Type: CAP,CORR,OPER,PM
Work Order Class:

| W/O # | Asset ID | Asset Description | Location Description | Work Order | | PM Schedule | Work Order Details | | | Work Log Detail |
|---------|----------|--------------------|----------------------|------------|-------------------|-------------|--------------------|------------------|-------------------|---|
| | | | | Type | Class | Req | Status | Schedule Start | Actual Start | |
| 1039567 | | 6033, Powassan WTP | | PM | Health and Safety | 1 | MONTHS | 12/1/18 12:00 AM | 12/18/18 10:00 AM | 12/18/18 10:15 AM |
| | | | | | | | COMP | | | |
| | | | | | | | | | | Health And Safety Inspection (1m) 6033 -18 Dec 2018. Performed the monthly Health & Safety inspection of the water treatment and supply facility. The general condition of the facilities is good and the system is operating well. The inspection also included inspection of all the safety equipment at the well house building. This included inspection of the first aid kit; emergency eye wash; chemical apron; chemical face shield; spill kit; chemical storage and secondary containment; safety signage hearing protection ear muffs; emergency lighting unit and the fire extinguisher. All safety equipment was found to be present and in good condition. J.H. |
| 1039469 | | 6033, Powassan WTP | | PM | Calibration | 1 | MONTHS | 12/1/18 12:00 AM | 12/18/18 09:00 AM | 12/18/18 09:15 AM |
| | | | | | | | COMP | | | |
| | | | | | | | | | | Analyzer Chlorine Inspection/Service (1m) 6033 -18 Dec 2018. Performed the monthly maintenance and calibration check of the on-line chlorine analyzer. The membrane cap and the electrolyte level was topped up. The probe was wiped off and the probe cell was also cleaned. The sample line and flow thru cell were flushed before the probe was replaced into the probe holder cell. The low and high chlorine residual alarms were tested in conjunction with the monthly maintenance. J.H. |

Workorder Summary Report

Report Start Date: Oct 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 6033*
Work Order Type: CAP,CORR,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Workorder Type | Workorder Class | PM FREQ | PM Schedule Units | Work Order Description | Status | Schedule Start | Actual Start | Actual Finish | Work Log Detail |
|---------|------------|---|--|----------------|---------------------------|---------|-------------------|---|--------|------------------|-------------------|-------------------|--|
| 1040779 | | | 6033, Powassan WTP | PM | Inspection | 1 | MONTHS | TPM Inspection/Maintenance (1m) 6033 | COMP | 12/1/18 12:00 AM | 12/18/18 10:30 AM | | TPM Inspection/Maintenance (1m) 6033 -18 Dec 2018. Performed the monthly TPM inspection of the Well House for Dec 2018. This included inspection of the exhaust fan and motorized louvers; inspection of both chemical feed pumps and lines; and checking the flow outputs of both well pumps on the data logger trending. All items were found to be in good working order. All items on this monthly TPM inspection are also covered off on multiple weekly visits to this facility during the month. J.H. |
| 1040784 | 0000209142 | GENERATOR DIESEL POWASSAN GROUND WATER WELL | 6033, Powassan WTP, Facility, Power Generation | PM | Refurbish/ Replace/Repair | 1 | MONTHS | Wellhouse Diesel Generator Inspection/Functional Test (1m) 6033 | COMP | 12/1/18 12:00 AM | 12/17/18 09:30 AM | 12/17/18 11:00 AM | Wellhouse Diesel Generator Inspection/Functional Test (1m) 6033 -17 Dec 2018. Performed the monthly inspection of the standby gen set and the monthly test run for Dec 2018. The inspection included checking the oil and fuel levels, checking for any leaks, checking the battery and battery charger. All were found to be in good condition at proper levels and no leaks were found. The fuel tank is over half full. The unit started and ran well. The unit was run for approximately one hour and ten minutes. The total hours at the start of the test run were 3977.5 hours and at the end of the test run were 3978.6 hours. Total starts of the unit are now at 310. J.H. |
| 1041701 | | | 6033, Powassan WTP | OPER | Compliance | 1 | MONTHS | WISKI Review (1m) 6033 | COMP | 12/1/18 12:00 AM | 12/5/18 03:00 PM | 12/5/18 04:00 PM | WISKI Review (1m) 6033 -05 Dec 2018. Entered the Nov 2018PDM data and reviewed to ensure it was correct. J.H. |

Workorder Summary Report

Report Start Date: Oct 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 6033*
 Work Order Type: CAP,CORR,OPER,PM
 Work Order Class:

| WO # | Asset ID | Asset Description | Location/Description | Work Order | | PM/Schedule | | Work Order Details | | Work Order Detail |
|-------|-----------|---|--|------------|------------|-------------|--------|--------------------|------------------|---|
| | | | | Type | Class | HEQ | Units | Status | Schedule | |
| 94370 | 000023294 | PANEL ALARM/ DIALER ON POWASSAN GROUND WATER WELL | 6033, Powassan WTP, Process, Lowlift Well System | PM | Inspection | I | MONTHS | COMP | 10/1/18 12:00 AM | <p>Actual Start: 10/22/18 09:30 AM</p> <p>Actual Finish: 10/22/18 09:45 AM</p> <p>Critical Building Intrusion Alarm Testing (Im) 6033</p> <p>On 21 Oct 2018, Performed a test of well supply building entrance door intrusion alarm for Oct 2018. Opened the entry door at 09:31 hours and did not disarm the facility alarm key pad to cause an intrusion alarm and see if the True Steel Alarm Monitoring Service would receive it and call the on-call operator to advise them they were receiving an intrusion alarm for the facility. The door intrusion alarm started to sound at 09:32 hours. At 09:41 hours On-call operator Darren Aljoe called to inform me that True Steel Alarm Monitoring Service had just contacted him to advise they were receiving a facility door intrusion alarm for the Powassan well house. This confirms the that the building door intrusion alarm is working. 111</p> |

Workorder Summary Report

Report Start Date: Oct 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 6033*
Work Order Type: CAP, CORE, OPER, PM
Work Order Class:

| Asset | | Location/Description | | Workorder | | PM/Schedule | | Workorder Details | | | Worklog Detail | |
|--------|------------|--|--|-----------|------------------------------|-------------|--------|-------------------|------------------|-------------------|-------------------|---|
| WO # | Asset ID | Asset Description | Location/Description | Type | Class | REQ | Units | Status | Schedule Start | Actual Start | Actual Finish | Worklog Detail |
| 955750 | 0000296004 | GENERATOR NATURAL GAS GENSET McRae Road Reservoir | 6033, Powassan WTP, Facility, Power Generation | PM | Refurbish/ Replace/Repair | 1 | MONTHS | COMP | 10/1/18 12:00 AM | 10/17/18 02:00 PM | 10/17/18 03:30 PM | Diesel Generator Inspection/ Functional Test (1m) 6033 -17 Oct 2018. The monthly test run of the gen set was completed following the annual inspection and servicing of the gen set by Val's Equipment. That service included changing the oil and replacing the filters on the unit. Performed the monthly inspection of the standby gen set and the monthly test run for Oct 2018. The inspection included checking the oil and fuel levels, battery and battery charger. All were found to be at proper levels and no leaks were found. The fuel level is above 1/2 a tank. The unit started and ran well. The unit was run for an hour and 30 minutes. The total hours at the start of the test run were 3821.1 hrs and at the end of the test run were 3832.8 hrs. Total starts of the unit are now at 301.1H. |

Workorder Summary Report

Report Start Date: Oct 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 6033*
Work Order Type: CAP, CORR, OPER, PM
Work Order Class:

| Work Order | | | | PM Schedule | | | | Work Order Details | | | | Work Log Detail | |
|------------|------------|---|---|-------------|------------|-----|--------|--------------------|------------------|-------------------|-------------------|--|--|
| WO # | Asset ID | Asset Description | Location/Description | Type | Class | EEO | Units | Status | Schedule Start | Actual Start | Actual Finish | Work Log Detail | |
| 953573 | 0000235294 | PANEL ALARM/ DIALER 01 POWASSAN GROUND WATER WELL | 6033, Powassan WTP, Process, Lowlift, Well System | PM | Inspection | 1 | MONTHS | COMP | 10/1/18 12:00 AM | 10/29/18 10:45 AM | 10/29/18 11:15 AM | Critical Alarm/Dialer Testing (1m) 6033 -22 Oct 2018, Performed the monthly Critical Building Intrusion Alarm testing for the month of Oct 2018. Opened the entry door at 09:32 hours and did not disarm the facility alarm key pad to cause an intrusion alarm and see if the True Steel Alarm Monitoring Service would receive it and call the on-call operator to advise them they were receiving an intrusion alarm for the facility. The door intrusion alarm started to sound at 09:33 hours. At 09:41 hours On-call operator Darren Aljoe called to inform me that True Steel Alarm Monitoring Service had just contacted him to advise they were receiving a facility door intrusion alarm for the Powassan wellhouse. This confirms the that the building door intrusion alarm is working. JH | |

Workorder Summary Report

Report Start Date: Oct 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 6033*
Work Order Type: CAP,CORR,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Type | Class | HBO | Work Order Details | | | Actual Start | Actual Finish | Working Detail |
|------|----------|-------------------|----------------------|------|-------|-----|--------------------|----------|------------------------|--------------|---------------|---|
| | | | | | | | Status | Schedule | Work Order Description | | | |
| | | | | | | | | | | | | <p>Critical Alarm/Dialer Testing (lm)</p> <p>6033 Oct 2018. Performed the monthly testing of the critical alarms. Filled the probe out of the on-line chlorine analyzer sample cell to perform a monthly inspection and cleaning and also to force a low chlorine condition for the monthly testing of the low chlorine alarm, the alarm dialer and the well pump interlock lockout. The probe was pulled at 10:43 hrs; the low Cl alarm sounded and the well pump lockout activated at 10:45 hrs when the Cl residual dropped below the 0.80 mg/L alarm set point. At 10:53 hrs the on-call operator D. Alice called to advise he had received an alarm notification re the low chlorine alarm. At 10:56 hrs I replaced the Cl probe back into the flow thru sample cell. At 11:01 hrs I reset the well pump lockout to resume normal operation of the well house. These actions verified proper operation of the low Cl alarm, alarm dialer and well pump interlock. JH.</p> |

Workorder Summary Report

Report Start Date: Oct 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 6033*
Work Order Type: CAP,CORR,OPER,PM
Work Order Class:

| WO # | | Asset ID | Asset Description | Location Description | WorkOrder Type | WorkOrder Class | WFO | Unit | Work Order Description | Status | Schedule Start | Actual Start | Actual Finish | WorkLog Detail |
|--------|--|----------|-------------------|----------------------|----------------|-------------------|-----|--------|--|--------|------------------|-------------------|-------------------|---|
| 964203 | | | | 6033, Povassan WTP | PM | Health and Safety | 1 | MONTHS | Health And Safety Inspection (1m) 6033 | COMP | 10/1/18 12:00 AM | 10/07/18 08:30 AM | 10/10/18 08:45 AM | 6033 -10 Oct 2018. Performed the monthly Health & Safety inspection of the water treatment and supply facility. The general condition of the facilities is good and the system is operating well. The inspection also included inspection of all the safety equipment at the well house building. This included inspection of the first aid kit; emergency eye wash; chemical apron; chemical face shield; spill kit; chemical storage and secondary containment; safety signage hearing protection ear muffs; emergency lighting unit and the fire extinguisher. All safety equipment was found to be present and in good condition. J.H. |
| | | | | | | | | | Analyzer Chlorine Inspection/Service (1m) 6033 | COMP | 10/1/18 12:00 AM | 10/25/18 10:15 AM | 10/25/18 10:45 AM | Analyzer Chlorine Inspection/Service (1m) 6033 -25 Oct 2018. Performed the monthly calibration check of the on-line chlorine analyzer. The reading on the analyzer readout corresponded closely to that taken using a pocket colorimeter recently calibrated. The free chlorine residual measured was 1.96 mg/L vs 1.84 mg/l that the on-line analyzer was reading. Adjusted the on-line analyzer to correct of the analyzer drift. J.H. |

Workorder Summary Report

Report Start Date: Oct 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 6033*
Work Order Type: CAP,CORR,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Work Order | | PM/Schedule | | Work Order Details | | | WorkLog Detail |
|--------|----------|-------------------|----------------------|------------|-------------|-------------|--------|--------------------|------------------|-------------------|--|
| | | | | Type | Class | REQ | Units | Status | Schedule Start | Actual Start | |
| 564392 | | | 6033, Powassan WTP | PM | Calibration | 1 | MONTHS | COMP | 10/1/18 12:00 AM | 1/4/19 01:37 PM | 1/4/19 01:37 PM |
| | | | | | | | | | | | Analyzer Turbidity Inspection/Service (1m) 6033 |
| | | | | | | | | | | | This work order was used as a reminder for the operator to take the monthly turbidity measurement of raw water from both wells. As of Sep 2018 an SOP was issued requiring the operator to take raw water turbidity measurements weekly instead of monthly, and to record them on the monthly summary data sheet which was modified with spaces to record them when taken weekly. Therefore this work order is no longer required and the operator has requested that it be deleted from the monthly O & M work orders. J.H. |
| 566237 | | | 6033, Powassan WTP | PM | Inspection | 1 | MONTHS | COMP | 10/1/18 12:00 AM | 10/17/18 10:15 AM | 10/17/18 10:45 AM |
| | | | | | | | | | | | TPM Inspection/Maintenance (1m) 6033 |
| | | | | | | | | | | | -17 Oct 2018, Performed the monthly TPM inspection of the Well House for Oct 2018. This included inspection of the exhaust fan and motorized louvers, inspection of both chemical feed pumps and lines, and checking the flow outputs of both well pumps on the data logger trending. All items were found to be in good working order. All items on this monthly TPM inspection are also covered off on multiple weekly visits to this facility during the month. J.H. |

Workorder Summary Report

Report Start Date: Oct 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 6033*
Work Order Type: CAP,CORR,OPER,PM
Work Order Class:

| Work Order | | | | PPM Schedule | | Work Order Details | | | | | | Worklog Detail | |
|------------|------------|---|---|--------------|------------------------------|--------------------|--------|---|--------|------------------|-------------------|-------------------|---|
| WO # | Asset ID | Asset Description | Location Description | Type | Class | EFO | Units | Work Order Description | Status | Schedule Start | Actual Start | | Actual Finish |
| 966243 | 0000209142 | GENERATOR DIESEL POWASSAN GROUND WATER WELL | 6033, Powassan WTP, Facility, Power Generation | PM | Refurbish/ Replace/Repair | 1 | MONTHS | Diesel Generator Inspection/ Functional Test (1m) 6033 | COMP | 10/1/18 12:00 AM | 10/26/18 11:45 AM | 10/26/18 12:45 PM | Diesel Generator Inspection/ Functional Test (1m) 6033 -26 Oct 2018. Performed the monthly inspection of the natural gas standby gen set at the water reservoir site and performed the monthly test run for Oct 2018. The inspection included checking the oil, checking for any leaks and checking the security of the gen set. The oil was found to be at a proper level and no leaks were found. The unit started and ran well. The unit was run for approximately 22 minutes. J.H. |
| 968427 | | | 6033, Powassan WTP | OPER | Compliance | 1 | MONTHS | WISKI Review (1m) 6033 | COMP | 10/1/18 12:00 AM | 10/4/18 10:30 AM | 10/4/18 11:15 AM | WISKI Review (1m) 6033 -04 Oct 2018. Entered the Oct 2018 PDM data and reviewed to ensure it is complete. J.H. |
| 984250 | 0000235294 | PANEL ALARM/ DIALER 01 POWASSAN GROUND WATER WELL | 6033, Powassan WTP, Process, Lowlift, Well System | PM | Inspection | 1 | MONTHS | Critical Building Intrusion Alarm Testing (1m) 6033 | COMP | 11/1/18 12:00 AM | 11/22/18 12:15 PM | 11/22/18 12:30 PM | Critical Building Intrusion Alarm Testing (1m) 6033 -22 Nov 2018. The door alarm was tested by not entering the pass code on the key pad upon entering the facility and allowing the intrusion alarm to go out to the True Steel Alarm Monitoring Service and then calling out the alarm to the on-call operator. True Steel received the alarm and notified the on call operator confirming the operation of the alarm. J.H. |

Workorder Summary Report

Report Start Date: Oct 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 6033*
Work Order Type: CAP.CORR.OPER.PM
Work Order Class:

| Work Order | | | | PM Schedule | | Work Order Details | | | Work Log/Detail | | | | |
|------------|------------|--|--|-------------|------------------------------|--------------------|--------|---|-------------------|-------------------|-------------------|------------|---|
| WO # | Asset ID | Asset Description | Location Description | Type | Class | FREQ | Units | Work Order Description | Sched Start | Actual Start | Sched End | Actual End | Work Log/Detail |
| 295220 | 0000295004 | GENERATOR NATURAL GAS GENSET McRae Road Reservoir | 6033 Powassan WTP Facility, Power Generation | PM | Refurbish/ Replace/Repair | 1 | MONTHS | Diesel Generator Inspection/ Functional Test (1m) 6033 | 11/11/18 12:00 AM | 11/23/18 02:00 PM | 11/23/18 02:45 PM | | Diesel Generator Inspection/ Functional Test (1m) 6033 -23 Nov 2018. Performed the monthly inspection of the standby gen set and conducted the monthly test run for Nov 2018. The inspection included checking the oil level, checking for any leaks, checking the controller unit for faults. The oil level was found to be at the proper level and no leaks were found. No faults were displayed on the units controller before or after the test run. The unit started and ran well. The unit was run for approximately 20 minutes. JH. |



Ontario Clean Water Agency
Agence Ontarienne Des Eaux
Northeastern Ontario Region

POWASSAN WATER & WASTEWATER SYSTEMS QUARTERLY OPERATIONS REPORT

Appendix B - Work Order Summary for WWTL

Workorder Summary Report

Report Start Date: Oct 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 5747*
 Work Order Type: CAP,CORR,OPER,PM
 Work Order Class:

| W/O # | Asset ID | Asset Description - Location/Description | Work Order | | PM/Schedule | | Workorder Details | | | | Work Log/Detail |
|---------|----------|--|------------|--------------------------|-------------|--------|--|--------|-------------------|-------------------|--|
| | | | Type | Class | REQ | Units | Work Order Description | Status | Schedule Start | Actual Start | |
| 981935 | | 5747, Fairview SPS | CORR | Refurbish/Replace/Repair | 0 | | 5747 fairview hour meter replacement | COMP | 10/17/18 02:23 PM | 1/3/19 10:53 AM | 5747 fairview hour meter replacement -The faulty hour meter for pump #2 was replaced by instrument tech R. Hebert on 18 Oct 2018. J.H. |
| 1002454 | | 5747, Powassan WWTL | PM | Health and Safety | 1 | MONTHS | Health And Safety Inspection (1m) 5747 | COMP | 11/1/18 12:00 AM | 11/19/18 03:00 PM | 5747 -19 Nov 2018. Performed the monthly Health & Safety inspection of the Wastewater collection & treatment facilities. The general condition of the facilities and equipment is good. The inspection also included inspection of all the safety equipment at the Clarke Street sewage lift station building which houses the standby gen set and safety equipment. This included inspection of the first aid kit, emergency eye wash, chemical spill kit, chemical face shield, spill kit, chemical storage and secondary containment, safety signage hearing protection ear muffs, emergency lighting unit and the fire extinguisher. All safety equipment was found to be present and in good condition. J.H. |

Report Start Date: Oct 1, 2018 12:00 AM

Report End Date: Dec 31, 2018 11:59 PM

Location: 5747*

Work Order Type: CAP.CORR.OPER.PM

Work Order Class:

| WO # | Asset ID | Asset Description | Work Order | | Frequency | Units | Work Order Details | | | Work Log Detail |
|---------|----------|---------------------|------------|------------|-----------|--------|--------------------|------------------|-------------------|---|
| | | | Type | Class | | | Status | Schedule Start | Actual Start | |
| 1002463 | | 5747, Powassan WWTL | PM | Inspection | 1 | MONTHS | COMP | 11/1/18 12:00 AM | 11/30/18 11:00 AM | TPM Inspection/Maintenance (1m) 5747 -30 Nov 2018. Performed the monthly TPM inspection of the Wastewater facility for the month of Nov 2018. The lift station submersible pump TPM inspections are also covered off on the weekly visits to these sewage lift stations where the pumps are operated and the flow outputs of the pump recorded. While the pumps are being operated I listen for abnormal noises or vibration. No issues with the pumps identified in this TPM inspection or regular inspections during the month of Nov 2018. J.H. |
| 1002470 | | 5747, Powassan WWTL | PM | Inspection | 1 | MONTHS | COMP | 11/1/18 12:00 AM | 11/23/18 01:15 PM | Critical Alarm/Dialer Testing (1m) 5747 -23 Nov 2018. Performed the monthly Critical Alarm/Dialer Testing. At 13:32 hours I shut off both lift station pumps to allow the station well level to rise and trigger the Miltronics ultra sonic level sensor high level alarm set point. This occurred at 13:34 hours. The pumps were switched back into auto mode at this point. At 13:37 hours the on-call operator D. Allio called to say he had received notification for a high level alarm for the Powassan Clark Street Lift Station from the True Sited Alarm Monitoring Service. By 13:43 hours the station well level had returned to its normal operating range and the high level alarm from the station had gone off. At 13:50 both station pumps shut off in auto mode. J.H. |

Workorder Summary Report

Report Start Date: Oct 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 5747*
 Work Order Type: CAP,CORR,OPER,PM
 Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Work Order | | EVM Schedule | | Work Order Details | | | Work Log Detail |
|---------|----------|-------------------|----------------------|------------|------------|--------------|--------|--------------------|------------------|------------------|--|
| | | | | Type | Class | FFO | Units | Status | Schedule Start | Actual Start | |
| 1005231 | | | 5747, Poveasat WWTL | OPER | Compliance | 1 | MONTHS | COMP | 11/1/18 12:00 AM | 1/31/19 02:34 PM | WISKI Review (1m) 5747 -01 Nov 2018. Entered the Nov 2018 PDM data and reviewed it to ensure it is complete. Checked and made sure the lab data uploads were made. JH |

Workorder Summary Report

Report Start Date: Oct 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CAP,CORR,OPER,PM
Work Order Class:

| WO# | | Asset ID | Asset Description | Location/Description | Type | Work Order Class | PM Schedule | PM Schedule | Work Order Description | Status | Schedule Start | Actual Start | Actual Finish | Work Log Detail |
|---------|--|------------|---|---------------------------|------|------------------------------|-------------|-------------|---|--------|------------------|------------------|------------------|---|
| | | | | | | | HO | Units | | | | | | |
| 1030058 | | 0000256003 | GENERATOR NATURAL GAS GENSET Clark Street | 5747, Clark SPS, Facility | PM | Refurbish/ Replace/Repair | 1 | MONTHS | Diesel Generator Inspection/ Functional Test (1m) 5747 | COMP | 12/1/18 12:00 AM | 12/4/18 11:15 AM | 12/4/18 11:30 AM | Diesel Generator Inspection/ Functional Test (1m) 5747 -04 Dec 2018. Performed the monthly inspection Clark Street Lift Station natural gas standby gen set and the monthly test run. The inspection included checking the oil and fuel levels, checking for any leak, checking the battery and battery charger. All were found to be at proper levels and no leaks were found. The unit did not start well, but once started ran well. The unit was run for approximately 20 minutes. The total hours at the start of the test run were 280.3 hrs and at the end of the test run were 280.5 hrs. The starting problem will be further investigated and remediated. JH. Diesel Generator Inspection/ Functional Test (1m) 5747 -17 Dec 2018. Performed the monthly inspection Clark Street Lift Station natural gas standby gen set and the monthly test run for Dec 2018. The inspection included checking the oil and fuel levels, checking for any leak, checking the battery and battery charger. All were found to be at proper levels and no leaks were found. The unit did not start well but ran well after starting. The unit was run for approximately 20 minutes. The total hours at the start of the test run were 280.8 hrs and at the end of the test run were 281.1 hrs. The gen set starting problem is being worked on. The municipality is in the process of contacting Union Gas to come and check the gas supply to the lift station JH. |

Workorder Summary Report

Report Start Date: Oct 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CAP,CORR,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description | Location/Description | Work Order | | PM Schedule | | Work Order Details | | | Work Log Detail |
|---------|----------|-------------------|----------------------|------------|-------------------|-------------|--------|--------------------|-------------------|-------------------|--|
| | | | | Type | Class | REQ | Units | Status | Schedule Start | Actual Start | |
| 1039038 | | | 5747, Powassan WWTL | PM | Health and Safety | 1 | MONTHS | COMP | 12/17/18 12:00 AM | 12/19/02:13 PM | Health And Safety Inspection (1m) 5747 -10 Jan 2018. Performed the monthly Health & Safety inspection of the Wastewater collection & treatment facilities. The general condition of the facilities and equipment is good and the system is operating well. The inspection also included inspection of all the safety equipment at the Clarke Street sewage lift station building which houses the standby gen set and safety equipment. This included inspection of the first aid kit, emergency eye wash, chemical apron, chemical face shield, spill kit, chemical storage and secondary containment, safety signage hearing protection ear muffs, emergency lighting unit and the fire extinguisher. All safety equipment was found to be present and in good condition. J.H. |
| 1039042 | | | 5747, Powassan WWTL | PM | Inspection | 1 | MONTHS | COMP | 12/17/18 12:00 AM | 12/12/18 09:45 AM | TPM Inspection/Maintenance (1m) 5747 -12 Dec 2018. Performed the monthly TPM inspection of the Wastewater facility. The lift station submersible pump TPM inspections are also covered off on the weekly visits to these sewage lift stations where the pumps are operated and the flow outputs of the pump recorded. While the pumps are being operated I listen for abnormal noises or vibration. No issues with the pumps identified in this TPM inspection or regular inspections during the month of Dec 2018. J.H. |

Workorder Summary Report

Report Start Date: Oct 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CAP,CORR,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description | Location/Description | Work Order | | PM Schedule | Workorder Details | | | | Work Log Detail |
|---------|----------|-------------------|----------------------|------------|------------|-------------|-------------------|------------------|-------------------|-------------------|--|
| | | | | Type | Class | REQ | Status | Schedule | Actual | Actual | |
| 1039054 | | | 5747, Powassan WWTL | PM | Inspection | 1 | MONTHS | 12/1/18 12:00 AM | 12/17/18 11:45 AM | 12/17/18 12:15 PM | 5747 -17 Dec 2018. Checked the Clark Street sewage lift station critical high level alarm. Switched both station pumps off at 11:51 hrs to let the station high well level rise to test the station high well level alarm. At 11:58 hrs the station high well level flashing light came on. At 12:02 hrs the on-call operator D. Alice I contacted me to say True Steel Alarm Monitoring Service had received the alarm. Switched both station pumps back into auto mode at 12:02 hrs and they both came on. At 12:06 hrs the station high alarm light went out and both pumps shut off. This confirms the critical high level alarm at this critical high flow station is working and the dealer to the monitoring service is also working. J.H. |
| 1041706 | | | 5747, Powassan WWTL | OPER | Compliance | 1 | MONTHS | 12/1/18 12:00 AM | 12/6/18 08:45 AM | 12/7/18 02:30 PM | WISKI Review (Im) 5747 -06 Dec 2018. Entered Nov 2018 PDM WISKI data. J.H. WISKI Review (Im) 5747 -07 Dec 2018. Entered PDM WISKI data for Nov 2018. J.H. |

Workorder Summary Report

Report Start Date: Oct 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CAP,CORR,OPER,PM
Work Order Class:

| WorkOrder | | | | PM Schedule | | WorkOrder Details | | | | WorkLog Detail | | |
|-----------|------------|---|---------------------------|-------------|------------------------------|-------------------|--------|--------|------------------|-------------------|-------------------|--|
| WO # | Asset ID | Asset Description | Location Description | Type | Class | REQ | Units | Status | Schedule Start | | Actual Start | Actual Finish |
| 955734 | 0000256003 | GENERATOR NATURAL GAS GENSET Clark Street | 5747, Clark SPS, Facility | PM | Refurbish/ Replace/Repair | 1 | MONTHS | COMP | 10/1/18 12:00 AM | 10/17/18 03:45 PM | 10/17/18 04:30 PM | Diesel Generator Inspection/ Functional Test (1m) 5747 -17 Oct 2018. The monthly test run of the Standby Gen Set was completed after the Gen Set annual service was performed which included changing the oil and filters on the unit. The inspection included checking the oil and fuel levels, checking for any leak, checking the battery and battery charger. All were found to be at proper levels and no leaks were found. The unit started and ran well. The unit was run for approximately 30 minutes. The total hours at the start of the test run were 276.8 hrs and at the end of the test run were 277.3 hrs. JH. |
| 963462 | | | 5747, Powassan WWTL | PM | Health and Safety | 1 | MONTHS | CLOSE | 10/1/18 12:00 AM | 10/5/18 01:45 PM | 10/5/18 02:15 PM | Health And Safety Inspection (1m) 5747 -05 Oct 2018. Performed the monthly Health & Safety inspection of the Wastewater collection & treatment facilities. The general condition of the facilities and equipment is good and the system is operating well. The inspection also included inspection of all the safety equipment at the Clarke Street sewage lift station building which houses the standby gen set and safety equipment. This included inspection of the first aid kit; emergency eye wash; chemical apron; chemical face shield; spill kit; chemical storage and secondary containment; safety signage bearing protection ear muffs; emergency lighting unit and the fire extinguisher. All safety equipment was found to be present and in good condition. JH. |

Report Start Date: Oct 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CAP,CORR,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Work Order | | PM Schedule | | Work Order Details | | | Work Log Detail |
|--------|----------|-------------------|----------------------|------------|------------|-------------|--------|--------------------|------------------|-------------------|---|
| | | | | Type | Class | FREQ | Units | Status | Schedule Start | Actual Start | |
| 963519 | | | 5747, Powassan WWTL | PM | Inspection | 1 | MONTHS | COMP | 10/1/18 12:00 AM | 10/17/18 09:15 AM | 10/17/18 11:15 AM |
| | | | | | | | | | | | TPM Inspection/Maintenance (1m) 5747 -17 Oct 2018. Performed the monthly TPM inspection of the Wastewater facility. The lift station submersible pump TPM inspections are also covered off on the weekly visits to these sewage lift stations where the pumps are operated and the flow outputs of the pump recorded. While the pumps are being operated I listen for abnormal noises or vibration. No issues with the pumps identified in this TPM inspection or regular inspections during the month of Oct 2018. J.H. |
| 963524 | | | 5747, Powassan WWTL | PM | Inspection | 1 | MONTHS | CLOSE | 10/1/18 12:00 AM | 10/5/18 01:00 PM | 10/5/18 01:45 PM |
| | | | | | | | | | | | Critical Alarm/Dialer Testing (1m) 5747 -05 Oct 2018. Checked the Clark Street sewage lift station high level alarm. Switched both station pumps off at 13:12 hrs to let the station well level rise to test the station high well level alarm. At 13:27 hrs the station high well level flashing light came on. At 13:31 hrs the on-call operator D. Alijee called me and stated that the True Steel Alarm Monitoring Service had called confirmed receiving the alarm. Switched both station pumps back into auto mode at 13:33 hrs and they both came on. At 13:35 hrs the station high alarm light went out and at 13:42 hrs both pumps shut off in auto mode. This confirms the critical high level alarm at this critical high flow station is working and the dialer to the monitoring service is also working. J.H. |

Workorder Summary Report

Report Start Date: Oct 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 5747*
 Work Order Type: CAP, CORE, OPER, PM
 Work Order Class:

| Work Order | | | | PM Schedule | | | | Work Order Details | | | | Work Log Detail | |
|------------|------------|---|---------------------------|-------------|------------------------------|-----|--------|---|--------|------------------|-------------------|-------------------|---|
| WO # | Asset ID | Asset Description | Location Description | Type | Class | REQ | Units | Work Order Description | Status | Schedule Start | Actual Start | Actual Finish | Work Log Detail |
| 958462 | | | 5747, Powassan WWTL | OPER | Compliance | 1 | MONTHS | WISKI Review (1m) 5747 | COMP | 10/1/18 12:00 AM | 10/10/18 02:00 PM | 10/10/18 03:00 PM | WISKI Review (1m) 5747 -10 Oct 2018. Entered the Sep 2018 PDM data and reviewed it to ensure it is complete. Checked and made sure the lab data uploads were made. J.H |
| 955201 | 0000296003 | GENERATOR NATURAL GAS GENSET Clark Street | 5747, Clark SPS, Facility | PM | Refurbish/ Replace/Repair | 1 | MONTHS | Diesel Generator Inspection/ Functional Test (1m) 5747 | COMP | 11/1/18 12:00 AM | 11/14/18 01:15 PM | 11/14/18 01:45 PM | Diesel Generator Inspection/ Functional Test (1m) 5747 -14 Nov 2018. Performed the monthly inspection Clark Street Lift Station natural gas standby gen set and the monthly test run. The inspection included checking the oil and fuel levels, checking for any leaks, checking the battery and battery charger. All were found to be at proper levels and no leaks were found. The unit started and ran well. The unit was run for approximately 20 minutes. The total hours at the start of the test run were 278.6 hrs and at the end of the test run were 278.9 hrs. J.H |



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POWASSAN WATER & WASTEWATER SYSTEMS QUARTERLY OPERATIONS REPORT

Appendix C – Call-out Report for WTP

Workorder Summary Report

Report Start Date: Oct 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 6033*
 Work Order Type: CALL, EMER
 Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Work Order | | PM Schedule | | Work Order Details | | | World Log Detail |
|---------|----------|---|----------------------|------------|---------------------------|-------------|-------|--|-------------------|-------------------|---|
| | | | | Type | Class | REQ | Units | Status | Schedule Start | Actual Start | |
| 1017388 | | 6033, Powassan WTP | | CALL | Inspection | 0 | | 6033 Powassan WS Auxiliary 3 Well Pump Alarm | 11/17/18 05:00 AM | 11/17/18 06:45 AM | Powassan Auxiliary 3 Well Pump Alarm - Responded to an Auxiliary 3 Well Pump Alarm. Reviewed HMI with Well Pump 1 Fault. Reviewed historical trending and observed Well Pump 1 deactivated followed by Well Pump activation. Acknowledged Alarm and Reset Well Pump 1. No further issues. Well pump #2 tripped out 6033 - Called by True steel @ 1738 for Aux 3 high priority alarm. arrived at 1800 noticed aux 3 is well pump fault. well pump 2 is fault. reservoir level 4.68m reset well pump 3 well pump started in auto. system operating normally. cl2 2.04. TF Nov 27/18 |
| 1018431 | | 6033, Powassan WTP, Process, Lowlift, Well System | | CALL | Refurbish/ Replace/Repair | 0 | | Well pump #2 tripped out 6033 | 11/27/18 05:45 PM | 11/27/18 06:45 PM | Well pump #2 tripped out 6033 - Called by True steel @ 1738 for Aux 3 high priority alarm. arrived at 1800 noticed aux 3 is well pump fault. well pump 2 is fault. reservoir level 4.68m reset well pump 3 well pump started in auto. system operating normally. cl2 2.04. TF Nov 27/18 |
| 1052290 | | 6033, Powassan WTP, Facility, Power Generation | | CALL | Refurbish/ Replace/Repair | 0 | | Aux 3 pump fault alarm 6033 Powassan wtp | 12/2/18 10:45 PM | 12/3/18 04:30 AM | Aux 3 pump fault alarm 6033 Powassan wtp - Called by true steel at 2240 for an aux 3 alarm followed by an aux 3 alarm at 2300 arrived at 2310 no power to wellhouse, generator not running. check generator. in alarm generator failed to start. cleared and tried to start, clicked four times and went into alarm fail to start and low voltage. received call for no power at site checked system pressure 87 psi and cl2 1.93. received call from true steel for low cl2 at 0029 arrived 0045 power on pump 2 running cl2 at 1.96. reviewed trending no low cl2. check genset with gary, genset started in manual turned off tried in test mode, started. charger green. left in test mode to charge battery. back to clark for alarm. back to wellhouse shut down genset complete logbook entries review. trending all ok. for power loss period. TF Dec 3/18 |

Workorder Summary Report

Report Start Date: Oct 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 6033*
 Work Order Type: CALL, EMER
 Work Order Class:

| Work Order | | | Work Order Details | | | Work Log Detail | | | | | |
|---|----------|--|----------------------|------|---------------------------|-----------------|----------------------------------|--------|-------------------|-------------------|---------------|
| WO # | Asset ID | Asset Description | Location Description | Type | Class | PM Schedule | Mont. Order Description | Status | Schedule Start | Actual Start | Actual Finish |
| 292454 | | 6033, Potvassan WTP, Process, Disinfection, Chlorination | | CALL | Refurbish/ Replace/Repair | 0 | low cl2 alarm potvassan wtp 6033 | COMP | 10/21/18 10:45 PM | 10/22/18 02:30 AM | |
| low cl2 alarm potvassan wtp 6033 - Called by true steel for low cl2 at 1043 arrived at 2300 cl2 analyzer reading 0.52, both well pumps off verified cl2 analyzer with hand held. 0.52mg/l reviewed trending, ph 6.67, put dechlor pucks in diffuser began backflushing system at 13l/s cl2 holding around 1.00 close back wash valves, prime cl2 pump check for leaks, no obvious leaks start well pump 1, increase cl2 ppm 51-53, cleared lockout from hmi, while reviewing trending noticed cl2 dropped to 0.45 while starting to back flush which means the ct of 4.00 mg/l/min at 4.74mg/l/min. reviewed plant sop for low cl2 and ct calcs. Cl2 around 1.70 mg/l TF Oct 21/18 | | | | | | | | | | | |



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POWASSAN WATER & WASTEWATER SYSTEMS QUARTERLY OPERATIONS REPORT

Appendix D - Call-out Report for WWTL

Workorder Summary Report

Report Start Date: Oct 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 5747*
 Work Order Type: CALL,EMER
 Work Order Class:

| Work Order | | Work Order Details | | Work Order Description | | Work Order Status | | Work Order Details | |
|------------|----------|---------------------------|----------------------|----------------------------|---------|-------------------|-------|--|--------|
| WO # | Asset ID | Asset Description | Location Description | WO Class | WO Type | PM Schedule | Units | Work Order Description | Status |
| 1052331 | | 5747, Clark SPS, Facility | | Refrish/ Replace/Repair | CALL | | 0 | A/C fault alarm 5747 Clark st sps | COMP |
| | | | | | | | | <p> A/C fault alarm 5747 Clark st sps -Received call at 2321 for ac power loss at 250 Clark from true steel arrived at 2330 no power to station, no generator running, tried starting genset turned over and sputtered but would not start. Called Vails equipment at 2334 Shawn in office to call Gary, checked wet well level 8' from overflow Gary called at 2339 said he would be over shortly, continued checking genset added oil to the safe mark still did not start, check wet well level 1210 6' from overflow, Gary onsite tried starting genset, checked fuses battery ok, noticed arc in spark plug wires to frame fixed temporarily genset still did not start. 0030 power back on put both pumps in hand wet well 1' from overflow. Went to well house to check equipment there recieved alarm for Clark st @ 0106 for expansion module low battery and main auto dialer alarm, check plc with Gary, reset modem, ups appears to be falling reset breakers. Gary to take electrical plans to office to contact sommers and find out why genset failed to start. Recieved high level alarm at 0228 for Clark st while at well house, checked wet well levels, below inflow pipes, transducer appears to be ok, checked outpost panel and pump panel, will continue to monitor remotely. TF Dec 3/18 </p> | |



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POWASSAN WATER & WASTEWATER SYSTEMS

QUARTERLY OPERATIONS REPORT

Appendix E - Performance Assessment Report Water

Powassan Water Treatment Plant
Performance Assessment Report Water

From: October 1, 2018 to December 31, 2018

Report extracted 01/09/2019 09:08

Facility: [0033] POWASSAN DRINKING WATER SYSTEM

Works: [220000576]

| | 10/2018 | 11/2018 | 12/2018 | ←Total→ | ←Avg→ | ←Max→ | ←Min→ |
|--|----------|----------|----------|----------|-------|-------|-------|
| Flows: | | | | | | | |
| Raw Flow: Monthly Total - Raw Well 1 (m³) | 8155.34 | 2423.18 | 3633.52 | 14212.04 | | | |
| Raw Flow: Monthly Total - Raw Well 2 (m³) | 3790.4 | 9082.44 | 7910.25 | 20783.09 | | | |
| Raw Flow: Monthly Avg - Raw Well 1 (m³/d) | 264.04 | 80.77 | 117.21 | 184.01 | | | |
| Raw Flow: Monthly Avg - Raw Well 2 (m³/d) | 122.27 | 302.08 | 255.17 | 226.51 | | | |
| Raw Flow: Monthly Max - Raw Well 1 (m³/d) | 772.14 | 245.79 | 263.5 | 772.14 | | | |
| Raw Flow: Monthly Max - Raw Well 2 (m³/d) | 249.98 | 472.05 | 440.96 | 472.05 | | | |
| Treated Flow: Monthly Total - Treated Water (m³) | 312.21 | | | 312.21 | | | |
| Treated Flow: Monthly Total - TW1 (m³) | 772.29 | 2223.8 | 3222.3 | 3318.42 | | | |
| Treated Flow: Monthly Total - TW2 (m³) | 3206 | 7573.3 | 6748.7 | 17528 | | | |
| Treated Flow: Monthly Avg - Treated Water (m³/d) | 1007 | | | 10.07 | | | |
| Treated Flow: Monthly Avg - TW1 (m³/d) | 249.07 | 74.13 | 103.94 | 142.38 | | | |
| Treated Flow: Monthly Avg - TW2 (m³/d) | 103.42 | 1259.44 | 217.7 | 191.19 | | | |
| Treated Flow: Monthly Max - Treated Water (m³/d) | 15.31 | | | 15.31 | | | |
| Treated Flow: Monthly Max - TW1 (m³/d) | 356.6 | 2003.9 | 200 | 556.6 | | | |
| Treated Flow: Monthly Max - TW2 (m³/d) | 182.2 | 394.1 | 335.3 | 394.1 | | | |
| Raw Flow: Monthly Total - Raw Water - Total (m³) | 11875.74 | 11485.62 | 11543.77 | 35005.13 | | | |
| Raw Flow: Monthly Avg - Raw Water - Total (m³/d) | 386.31 | 382.85 | 372.38 | 380.52 | | | |
| Raw Flow: Monthly Max - Raw Water - Total (m³/d) | 772.14 | 240.96 | 240.96 | 772.14 | | | |
| Turbidity: | | | | | | | |
| Raw: Max Turbidity - Raw Well 1 (NTU) | 0.14 | 0.08 | 0.2 | 0.27 | | | |
| Raw: Max Turbidity - Raw Well 2 (NTU) | 0.61 | 0.16 | 0.17 | 0.61 | | | |
| Treated: Min Turbidity - Treated Water (NTU) | 0 | 0 | 0 | 0 | | | |
| Treated: Max Turbidity - Treated Water (NTU) | 0 | 0 | 0 | 0 | | | |
| Chemical Parameters: | | | | | | | |
| Treated: Max Nitrite - TW1 (mg/L) | 0.003 | | | 0.003 | | | |
| Treated: Max Nitrate - TW1 (mg/L) | 0.746 | | | 0.746 | | | |
| Distribution: Max THM - Distribution (µg/l) | 5.5 | | | 5.5 | | | |
| Chlorine Residuals: | | | | | | | |
| Treated: Min Free Cl2 Resid - Treated Water (mg/L) | 0.802 | 1.497 | 1.355 | | | | 0.802 |
| Treated: Max Free Cl2 Resid - Treated Water (mg/L) | 4.905 | 3.439 | 3.201 | | | 4.905 | |
| Dist: Min Free Cl2 Resid - Distribution (mg/L) | 0.42 | 1.34 | 1.04 | | | | 0.42 |
| Dist: Max Free Cl2 Resid - Distribution (mg/L) | 2.12 | 2.12 | 2.08 | | | 2.12 | |
| Bact Samples Collected: | | | | | | | |
| Raw Bact: # of samples - Raw Well 1 | 5 | 2 | 5 | 12 | | | |
| Raw Bact: # of samples - Raw Well 2 | 4 | 4 | 4 | 12 | | | |
| Treated Bact: # of samples - TW1 | 4 | 1 | 1 | 6 | | | |
| Treated Bact: # of samples - TW2 | 1 | 3 | 3 | 7 | | | |
| Dist Bact: # of samples - Distribution | 15 | 12 | 12 | 39 | | | |
| Treated Bact: # of TC exceedances - TW1 | 0 | 0 | 0 | 0 | | | |
| Treated Bact: # of TC exceedances - TW2 | 0 | 0 | 0 | 0 | | | |
| Treated Bact: # of EC exceedances - TW1 | 0 | 0 | 0 | 0 | | | |
| Treated Bact: # of EC exceedances - TW2 | 0 | 0 | 0 | 0 | | | |
| Dist Bact: # of TC exceedances - Distribution | 0 | 0 | 0 | 0 | | | |
| Dist Bact: # of EC exceedances - Distribution | 0 | 0 | 0 | 0 | | | |



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POWASSAN WATER & WASTEWATER SYSTEMS

QUARTERLY OPERATIONS REPORT

Appendix F - Performance Assessment Report Wastewater

| | 10/2018 | 11/2018 | 12/2018 | <Total> | <Avg> | <Max> |
|---|---------|---------|---------|----------|---------|---------|
| Flow: | | | | | | |
| Raw Flow: Total - Raw (m³) | 17283.5 | 1763.12 | 583.52 | 5177.47 | | |
| Raw Flow: Total - St Gregory (m³) | 11310.6 | 777.38 | 8124.4 | 12415.18 | | |
| Raw Flow: Total - Clark Street (m³) | 17283.5 | 1763.12 | 583.52 | 4802.28 | | |
| Raw Flow: Avg - Raw (m³/d) | 559.48 | 568.73 | 540.48 | 562.41 | 27.23 | |
| Raw Flow: Avg - St Gregory (m³/d) | 354.8 | 24.73 | 19.75 | 353.06 | | 62.70 |
| Raw Flow: Avg - Clark Street (m³/d) | 559.48 | 568.73 | 540.48 | 562.41 | | |
| Raw Flow: Max - Raw (m³/d) | 82.78 | 82.00 | 67.21 | 82.78 | | 124.51 |
| Raw Flow: Max - St Gregory (m³/d) | 124.51 | 124.51 | 94.75 | 124.51 | | 87.35 |
| Raw Flow: Max - Clark Street (m³/d) | 82.78 | 82.00 | 67.21 | 82.78 | | |
| Eff: Flow: Total - Eff Old (m³) | 24035.0 | 704.77 | 646.10 | 38905.00 | | |
| Eff: Flow: Total - Eff Old (m³) | 24035.0 | 704.77 | 646.10 | 38905.00 | | |
| Eff: Flow: Avg - Eff Old (m³/d) | 773.87 | 2273.31 | 2083.00 | 2353.43 | 2353.43 | 253.00 |
| Eff: Flow: Avg - Eff South (m³/d) | 2273.31 | 342.35 | 2570.00 | 333.43 | | 253.00 |
| Eff: Flow: Max - Eff Old (m³/d) | 2570.00 | 342.35 | 2570.00 | 333.43 | | 253.00 |
| Eff: Flow: Max - Eff South (m³/d) | 342.35 | 2570.00 | 2570.00 | 333.43 | | 253.00 |
| Carbonaceous Biochemical Oxygen Demand: CBOD ₅ | | | | | | |
| Eff: Avg CBOD ₅ - Eff Old (mg/L) | 4.000 | | | 4.000 | 4.000 | 4.000 |
| Eff: Avg CBOD ₅ - Eff South (mg/L) | 6.000 | 5.750 | | 5.750 | 5.750 | 6.000 |
| Eff: # of samples of CBOD ₅ - Eff Old (mg/L) | 5 | | | 5 | | |
| Eff: # of samples of CBOD ₅ - Eff South (mg/L) | 1 | 4 | | 5 | | |
| Loading: CBOD ₅ - Eff Old (kg/d) | 6.942 | | | 6.942 | 6.942 | 8.942 |
| Loading: CBOD ₅ - Eff South (kg/d) | 16.069 | 19.794 | | 17.926 | 17.926 | 19.794 |
| Biochemical Oxygen Demand: BOD ₅ | | | | | | |
| Raw: Avg BOD ₅ - Raw (mg/L) | 14.000 | | 22.000 | 174.667 | 222.000 | |
| Raw: # of samples of BOD ₅ - Raw (mg/L) | 1 | 1 | 3 | | | |
| Total Suspended Solids: TSS | | | | | | |
| Raw: Avg TSS - Raw (mg/L) | 102.000 | 148.000 | 154.000 | 135.000 | 154.000 | 154.000 |
| Raw: # of samples of TSS - Raw (mg/L) | 1 | | 3 | | | |
| Eff: Avg TSS - Eff Old (mg/L) | 4.400 | | | 4.400 | 4.400 | 4.400 |
| Eff: Avg TSS - Eff South (mg/L) | 14.000 | 28.500 | | 21.250 | 28.500 | 28.500 |
| Eff: # of samples of TSS - Eff Old (mg/L) | 5 | | | 5 | | |
| Eff: # of samples of TSS - Eff South (mg/L) | 1 | 4 | | 5 | | |
| Loading: TSS - Eff Old (kg/d) | 9.887 | | | 9.887 | 9.887 | 9.887 |
| Loading: TSS - Eff South (kg/d) | 32.471 | 38.107 | | 37.769 | 38.107 | 38.107 |
| Percent Removal: TSS - Eff Old (mg/L) | 96.696 | | | 97.769 | 97.769 | 97.769 |
| Percent Removal: TSS - Eff South (mg/L) | 96.275 | 80.872 | | 86.275 | 86.275 | 86.275 |
| Total Phosphorus: TP | | | | | | |
| Raw: Avg TP - Raw (mg/L) | 1.350 | 2.410 | 4.300 | 2.630 | 4.300 | 4.300 |
| Raw: # of samples of TP - Raw (mg/L) | 1 | 1 | 3 | | | |
| Eff: Avg TP - Eff Old (mg/L) | 0.416 | | | 0.416 | 0.416 | 0.416 |
| Eff: Avg TP - Eff South (mg/L) | 0.280 | 0.360 | | 0.335 | 0.335 | 0.335 |
| Eff: # of samples of TP - Eff Old (mg/L) | 5 | | | 5 | | |
| Eff: # of samples of TP - Eff South (mg/L) | 1 | 4 | | 5 | | |
| Loading: TP - Eff Old (kg/d) | 0.050 | | | 0.050 | 0.050 | 0.050 |
| Loading: TP - Eff South (kg/d) | 0.749 | 1.343 | | 1.046 | 1.343 | 1.343 |
| Percent Removal: TP - Eff Old (mg/L) | 73.161 | | | 88.817 | 88.817 | 88.817 |
| Percent Removal: TP - Eff South (mg/L) | 81.525 | 88.817 | | 83.817 | 83.817 | 83.817 |
| Nitrogen Series: | | | | | | |
| Raw: Avg TN - Raw (mg/L) | 14.800 | 21.600 | 31.100 | 22.500 | 31.100 | 31.100 |
| Raw: # of samples of TN - Raw (mg/L) | 1 | 1 | 3 | | | |
| Eff: Avg TN - Eff Old (mg/L) | 4.280 | | | 4.280 | 4.280 | 4.280 |
| Eff: Avg TN - Eff South (mg/L) | 5.700 | 6.975 | | 6.666 | 6.666 | 6.666 |
| Eff: # of samples of TN - Eff Old (mg/L) | 5 | | | 5 | | |
| Eff: # of samples of TN - Eff South (mg/L) | 1 | 4 | | 5 | | |
| Loading: TAN - Eff Old (kg/d) | 3.695 | | | 3.695 | 3.695 | 3.695 |
| Loading: TAN - Eff South (kg/d) | 17.933 | 22.576 | | 20.455 | 22.576 | 22.576 |
| Distinction: | | | | | | |
| Eff: GMD E. Coli - Eff Old (cfu/100mL) | 2.659 | | | 2.659 | 2.659 | 2.659 |
| Eff: GMD E. Coli - Eff South (cfu/100mL) | 690.000 | 301.456 | | 450.728 | 680.000 | 680.000 |
| Eff: # of samples of E. Coli - Eff Old (cfu/100mL) | 5 | | | 5 | | |
| Eff: # of samples of E. Coli - Eff South (cfu/100mL) | 1 | 4 | | 5 | | |



Ontario Clean Water Agency Agence Ontarienne Des Eaux

Powassan Lagoons

Annual Operating Report

January 1, 2018 to December 31, 2018

Prepared by
Ontario Clean Water Agency
January 28, 2019

| | |
|----------------------------|-----------|
| DATE OF COUNCIL MEETING | Feb. 5/19 |
| AGENDA ITEM # | 12.4 |

The Ontario Clean Water Agency (OCWA) acts as the operating authority for the Powassan wastewater treatment system under contract with the Municipality of Powassan. The enclosed 2018 Report for the above-referenced facility summarizes the performance and related activities in accordance with Environmental Compliance Approval (ECA) #7092-9XLLAN; Section 11(5). Environmental Compliance Approval was issued June 24, 2015.

A summary and interpretation of all monitoring data and a comparison to the effluent limits outlined in Condition 7, including an overview of the success and adequacy of the Works;

In 2018, there were four (4) lagoon cells released.

The spring controlled seasonal release of the lagoons was completed after the liquid surface in the lagoon had become substantially free of ice cover, terminating within sixty (60) days thereafter, as specified in the ECA. The total volume of lagoon discharge over the spring seasonal release period was 125,415 cubic meters (m³). The total number of discharge days was 35 days beginning May 17 and ending June 22. In an effort to meet the effluent objectives, both the South Cell #1 and North Cell #2 lagoons were treated with ferric sulphate prior to discharge.

The fall controlled seasonal release of the lagoons was completed between the dates of Oct. 15 and Nov. 30, as specified in the ECA. The total volume of lagoon discharge over the fall release period was 91,551 m³. The total number of discharge days was 31 days beginning Oct. 15 and ending Nov 14, 2018. In an effort to meet the effluent objectives, both the South Cell #1 and Old Cell #3 lagoons were treated with ferric sulphate prior to discharge.

The total controlled release from the lagoons for the year 2018 was 216,966 m³.

Monitoring Program as per above-referenced ECA:

| Source (Composite) | Parameter | Frequency | Method |
|---|--|--------------------------------------|---|
| Influent | Flow (m ³) | Daily | Meter |
| Raw | BOD ₅ , TSS, TP, TKN | Quarterly | External (Lab) |
| Lagoon Cell Content (at least 7 days prior to discharge) | cBOD ₅ , TSS, TP, pH | Once | External (Lab) |
| Effluent - During Discharge | Flow (m ³) | Daily | Calculated |
| | cBOD ₅ , TSS, TP, TAN, unionized ammonia, Temp., pH | 5 times per seasonal discharge | External (Lab) Field pH and Temperature |

An OCWA operator collects a grab sample of raw sewage on a monthly basis and sends it to an accredited laboratory for analysis. Results are forwarded to OCWA and entered into the process database.

The lagoon cell contents are sampled and analyzed for compliance parameters prior to release. Results are utilized to dictate whether or not the lagoon cell contents meet the prescribed effluent quality requirements specified in the ECA. They are also used to indicate the need for batch chemical dosage prior to discharge and to achieve the necessary reductions in phosphorus concentrations. The ECA requires the minimum sampling consisting of collection and analysis of 5 samples per seasonal discharge. Which means that one sample must be taken at the start of discharge, at 25%, 50% and 75% drawdown, also at the end of the discharge. The practice is to collect and analyze lagoon effluent at each foot of lagoon drawdown during the period of release.

The total discharge from each cell is estimated and recorded by an established engineering technique based on the lagoon dimensions and drawdown.

The ponds are to be operated to provide two controlled discharges: spring (after the liquid surface in the lagoon had become substantially free of ice cover, terminating within sixty (60) days thereafter) and fall (not earlier than October 15 and not later than November 30).

Based on the above monitoring program, the sewage works provided adequate treatment.

2018 Influent/Effluent Quality Data:

| Source | Parameter | Spring Average | | Fall Average | | Compliance | Objectives |
|--------------|----------------------------|-----------------|---------|-----------------|--|------------|------------|
| Effluent | cBOD ₅ (mg/L) | 7.2 | | 4.4 | | 25.0 mg/L | 20 mg/L |
| | TSS (mg/L) | 17.40 | | 15.0 | | 25.0 mg/L | 20 mg/L |
| | T. Phos (mg/L) | 0.35 | | 0.39 | | 1.0 mg/L | 0.8 mg/L |
| | Field pH Max | 9.28 | | 7.63 | | 9.5 | 9.0 |
| | Field pH Min | 7.02 | | 7.09 | | 6.0 | 6.5 |
| | Field Temperature (°C) | 16.2 | | 3.0 | | - | - |
| | Total Ammonia-N (mg/L) | 3.7 | | 5.5 | | - | - |
| | Unionized Ammonia (mg/L) | 0.405 | | 0.011 | | - | - |
| | <i>E.coli</i> (CFU/100 mL) | 32.4 (GEO MEAN) | | 28.5 (GEO MEAN) | | - | - |
| | | Average | Minimum | Maximum | | | |
| Influent/Raw | BOD ₅ (mg/L) | 204.42 | 118 | 417 | | | |
| | TSS (mg/L) | 180.92 | 102 | 265 | | | |
| | T.Phos (mg/L) | 3.70 | 1.55 | 6.3 | | | |
| | TKN (mg/L) | 29.58 | 14 | 48.6 | | | |

Non-compliance with respect to the effluent concentration is deemed to have occurred when the seasonal average concentration of a minimum of five (5) samples per discharging cell taken during the discharge period exceeds the corresponding concentration set out above.

A description of any operating problems encountered and corrective actions taken;

The Powassan Lagoons operated well in 2018 with no operational problems and met all limits under condition 7 of ECA. However, there was one bypass; see section *A summary of all Bypass, spill or abnormal discharge events* on page 7 for details.

A description of efforts made and results achieved in meeting the Effluent Objectives of Condition 6;

OCWA uses a number of best efforts to achieve the Effluent Objectives.

Operational staff has current and appropriate level of certification for the operation of the facility and continue to learn and achieve knowledge of the process and equipment. Staff also has a high level of regulatory competence.

The mechanical elements in the facility are regularly inspected, well maintained and kept in good repair. OCWA uses a computerized maintenance management program which generates works orders to ensure maintenance of equipment is proactively performed.

Raw wastewater and effluent samples are collected as required and analyzed by SGS Labs, an accredited laboratory. OCWA reviews these results on a regular basis to ensure compliance with ECA objective and limits.

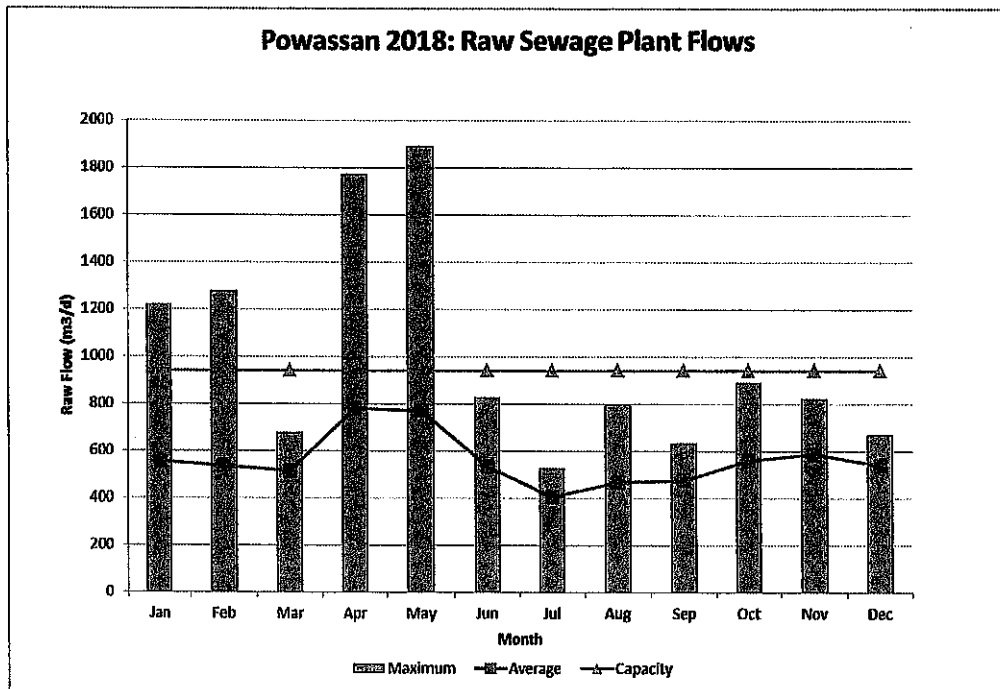
Operations, maintenance and emergency procedures are available to ensure facilities are operated in compliance with applicable legal instruments. Facility staff has access to a network of operational compliance and support experts at the region and corporate levels.

All effluent objectives were met during the spring and fall discharge. However, there was one exception two pH values during the spring discharge were above the objective. The objective for carbonaceous biochemical oxygen demand (cBOD₅) is 20 mg/L, spring average was 7.2 mg/L and fall average was 4.4 mg/L. The objective for total suspended solids (TSS) is 20 mg/L, spring average was 17.40 mg/L and fall average was 15.0 mg/L. The objective for total phosphorus (TP) is 0.8 mg/L, spring average was 0.35 mg/L and fall average was 0.39 mg/L. To meet these objectives the lagoon cells are dosed with ferric sulphate. The objective for pH is 6.5 – 9.0 at all times, two pH values over 9.0 occurred during the spring discharge. On May 22 pH value was 9.28 and on May 24 pH value was 9.23. Minimum pH value for the spring discharge was 7.02; therefore, objective was not met on two occasions. Fall discharge maximum was 7.63 and minimum was 7.09; therefore, objective was met.

Refer to *Appendix A - Lagoon Release Reports* for complete lagoon effluent sample data.

2018 Monthly Raw influent

| Month | Monthly Total Flow (m ³) | Average Daily Flow (m ³ /d) | Peak Daily Flow (m ³ /d) |
|----------------|--------------------------------------|--|-------------------------------------|
| January | 17241.44 | 556.18 | 1221.64 |
| February | 15032.68 | 536.88 | 1276.66 |
| March | 15966.49 | 515.05 | 678.41 |
| April | 23418.17 | 780.61 | 1772.79 |
| May | 23897.31 | 770.88 | 1892.59 |
| June | 15992.68 | 533.09 | 827.29 |
| July | 12524.04 | 404 | 528.15 |
| August | 14487.47 | 467.34 | 800.95 |
| September | 14287.8 | 476.26 | 633.68 |
| October | 17359.33 | 559.98 | 892.78 |
| November | 17603.12 | 586.77 | 823 |
| December | 16755.02 | 540.48 | 673.21 |
| Average | | 560.45 | |
| Maximum | | | 1892.59 |
| TOTAL | 204,566 | | |



The Raw Sewage from both the Clark Street and St. Gregory School sewage lift stations (SLS) are pumped independently directly to the lagoons and the flow is monitored by Mag flow meters at each station. The operator takes readings daily and total flows are calculated and recorded on a daily log sheet and later transferred to OCWA's database. The total discharge from each cell

(effluent) is estimated and recorded by an established engineering technique based on the lagoon dimensions and drawdown.

In April 2018 the monthly average day influent/raw flows of (780.61 m³/d) was measured entering into the sewage treatment system which did not exceeded the 940 m³/d daily rated capacity of the system. April's influent/raw flow average was approximately 83% of the daily influent/raw flow rated capacity.

The maximum daily influent/raw flow of (1892.59 m³/d) occurred in May 2018 and was approximately 201% of the average day rated influent capacity.

The annual average daily flow for 2018 (560.45 m³/d) was approximately 59.6% of the rated day capacity.

Refer to *Appendix B* for raw(influent) sample data.

Table for Annual Flow Comparison & Trending of Annual Flows

| Year | Total Raw Sewage Flow m ³ /d | Avg Day Sewage Flow m ³ /d | Max Day Sewage Flow m ³ /d | Avg Day % of rated capacity 940 m ³ /d |
|------|--|--|--|--|
| 2018 | 204,566 | 560 | 1893 | 60% |
| 2017 | 255,702 | 701 | 2588 | 75% |
| 2016 | 200,750 | 549 | 2970 | 58% |
| 2015 | 215,628 | 590 | 2,577 | 59% |
| 2014 | 278,009 | 762 | 2,860 | 76% |
| 2013 | 254,762 | 698 | 2,315 | 69.8% |
| 2012 | 248,030 | 677 | 2,042 | 68% |
| 2011 | 283,219 | 775 | 2364 | 77% |
| 2010 | 288,195 | 796 | 1,731 | 80% |
| 2009 | 345,437 | 946 | 2,696 | 95% |
| 2008 | 235,728 | 1026 | 3,106 | 103% |
| 2007 | 328,365 | 900 | 2,040 | 90% |

*Therefore the 2018 total raw sewage flow was down approximately 20% from the total raw sewage flow in 2017.

Plant Bypasses and Alarms

All raw sewage flows to the lagoon are directed through the community's Clark Street and St. Gregory stations. Consequently, any bypass from these locations is defined as a "lagoon" bypass. In the event of very high sewage levels in the station wet well, raw sewage would flow from the well, through an overflow pipe to Genessee Creek.

Establishing a sodium hypochlorite drip would normally disinfect bypasses. There are no users immediately downstream within 3.5 kilometers (km). The operator is familiar with the

requirements to report all bypass incidents to the Ministry of the Environment's Spills Action Center (MOE SAC). They are further aware of the need to record the approximate volume and duration of all bypasses on the OCWA form and all relevant bypass particulars on the operation spills/bypass/leak report forms.

The pumping station wet wells are equipped with high level alarms to alert of an impending or existing raw sewage bypass condition. The alarms are connected to a red light above the station. Also, OCWA has in place a continuous monitoring and backup automated alarm system that calls out pages to an on-call operator should a high level condition occur at either of the two lift stations.

A summary of all By-pass, spill or abnormal discharge events:

May 4, 2018 at 1816 – Bypass at Clark Street SLS – Heavy precipitation and snowmelt infiltrating wastewater collection system caused bypass. Both lift station pumps operating at maximum capacity and could not keep up to heavy flows. Bypass called into MOE SAC and Ministry of Health (MOH) on May 4, 2018 reference #902222. Actions taken were sampling, chlorinating and monitoring. Sample collected May 4, 2018 and tested for cBOD₅, TSS, TP, total kjeldahl nitrogen (TKN) and Escherichia coli (*E. coli*). One sample was collected at the beginning of the bypass; however, bypass was of short duration and ended before a second sample was taken. Bypass was terminated May 5, 2018 at 0730 with a total duration of 13 hours and 14 minutes and an approximate volume of 331.25 m³.

Refer to *Appendix C* for bypass/overflow sample data.

Capital Upgrades or Major Equipment Replacement:

- St. Gregory School sewage lift station (SLS) changed hardware and replaced original check valves.
- Duckbill valve installed at Clark St. SLS on emergency bypass pipe to prevent creek from infiltrating SLS.

A summary of all maintenance carried out on any major structure, equipment, and apparatus, mechanism or thing forming part of the Works;

Plant maintenance, including non-scheduled maintenance, is monitored using Maximo; a preventative maintenance software program. All routine and preventative maintenance was conducted as scheduled in 2018. A summary of maintenance performed is available in *Appendix D*.

A summary of any effluent quality assurance or control measures undertaken during the reporting period;

The effluent parameters specified in the above table *2018 Influent/Effluent Quality Data* on page 3: are analyzed by an accredited laboratory.

In-house tests are conducted by licensed Operators for monitoring purposes using Standard Methods and the data generated from these tests is used to determine the treatment efficiency

while maintaining process control. All in-house monitoring equipment is calibrated based on the manufactures recommendations.

A summary of the calibration and maintenance carried out on all effluent monitoring equipment;

St. Gregory Street SLS and Clark Street SLS flow meter calibrated in August 2018.

Operational Highlights Include:

- Spring release: South Cell #1 and North Cell #2 Lagoons ferric sulphate treatment May 15, 2018. South Cell #1 treated with 1200 imperial gallons (IMPG) and North Cell #2 treated with 1800 IMPG.
- Fall release: South Cell #1 and Old Cell #3 Lagoon ferric sulphate treatment September 27, 2018. South Cell #1 treated with 1350 IMPG and Old Cell #3 treated with 455 IMPG.

A tabulation of the volume of sludge generated in the reporting period and an outline of anticipated volumes to be generated in the next reporting period and a summary of the locations to where the sludge was disposed;

During the 2018 operating year, 174 truckloads of sludge were removed with a total approximate volume of 2460 cubic yards, and disposed of at the Powassan Municipal Landfill from North Lagoon Cell #2. Sludge has been removed on an as needed basis, based on TSS results during the scheduled releases. In future, a sludge judge will be used during the spring lagoon treatment to estimate the amount of sludge in lagoon cells.

A summary of any complaints received during the reporting period and any steps taken to address the complaints;

There were no complaints received for the 2018 reporting period.

A copy of all Notice of Modifications submitted to the Water Supervisor as a result of Schedule B, Section 1, with a status report on the implementation of each modification;

No modifications made as a result of Schedule B, Section 1 in 2018.

A report summarizing all modifications completed as a result of Schedule B, Section 3;

No modifications made as a result of Schedule B, Section 3. No normal or emergency operational modifications were performed in 2018.

Any other information the Water Supervisor requires from time to time.

Ministry of the Environment, Conservation and Parks (MECP) inspected lagoon on December 5, 2018. Findings can be found in table below.

| Type (RA, REC) | Item # | Issue Identified in Report/Order | Required Action or Recommendation Identified in Report/Order | Comply by Date as per the Report/Order (yyyy/mm/dd) | Responsibility for Action Item? (Client, OCWA, Joint) | Issue Analysis | Status (Complete or In Progress) |
|-------------------|--------|--|---|--|---|---|--|
| RA | 1 | <p>Flow measuring devices were not installed, calibrated and maintained in accordance with the requirements of the Environmental Compliance Approval.</p> <p>Condition 10(6) of ECA No. 7092-9XLLAN requires that the owner shall install and maintain continuous flow meters to measure the flowrate of the influent to or the effluent from the Powassan Lagoon with an accuracy of +/- 15%. A review of the Daily Wastewater Flows to the Lagoon indicates that the flowmeter at St. Gregory Sewage Pumping Station was not measuring flow from November 16th, 2017 to April 26th, 2018. The operating authority indicated that the flow meter was replaced on November 16th, 2017 but the new unit malfunctioned. On April 26th, 2018, the flow meter was repaired. Failure to install and maintain continuous flow meters to measure the flowrate of the influent to the</p> | <p>Action(s) Required:</p> <p>The flow meter at St. Gregory Sewage Pumping Station was repaired on April 26th, 2018. No further action required.</p> | N/A | OCWA | <p>Any facility with this condition in ECA will be automatically out of compliance if the flow meter fails for any amount of time. Some facilities cannot have an effluent flow meter due to location, access to hydro and other factors. Therefore, if the raw flow meter fails it is an incident of non-compliance. Pump hours were used to calculate flows while the flow meter was down. Nothing can be done to prevent flow meters from occasionally failing and most facilities cannot afford a back-up flow meter. MECP has deemed no further action required.</p> | Complete |

| Type (RA, REC) | Item # | Issue Identified in Report/Order | Required Action or Recommendation Identified in Report/Order | Comply by Date as per the Report/Order (yyyy/mm/dd) | Responsibility for Action Item? (Client, OCWA, Joint) | Issue Analysis | Status (Complete or In Progress) |
|-------------------|--------|---|--|--|---|--|--|
| | | Powassan Lagoon from November 16th, 2017 to April 26th, 2018 is a violation of Condition 10(6) of ECA No. 7092-9XLLAN (dated June 24th, 2015). The owner of the system has violated Section 53(1) of the OWRA which requires that, subject to Section 47.3 of the EPA, no person shall use, operate, establish, alter, extend or replace new or existing sewage works except under and in accordance with an environmental compliance approval. | | | | | |
| RA | 2 | Flow rates were not recorded at a frequency prescribed by the Environmental Compliance Approval. Condition 10(6) of ECA No. 7092-9XLLAN requires that the owner shall record the flowrate at a daily frequency. As noted above, the flow meter was not recording flow rates from November 16th, 2017 to April 26th, 2018. While the flow meter was | Action(s) Required: The flow meter at St. Gregory Sewage Pumping Station was repaired on April 26th, 2018. No further action required. | N/A | OCWA | The calculated raw flow values from the pump hours were written on round sheet for everyday; however, an operator did not go to facility every single day and record the flow rate, including Saturday and Sunday. During week operator visited plant and recorded flow rate; however, because the ECA mentions daily, it was required to go on the weekends as well. Therefore, resulting in an incident of non-compliance. MECP has deemed no further action required. | Complete |

| Type (PA, REC) | Item # | Issue Identified in Report/Order | Required Action or Recommendation Identified in Report/Order | Comply by Date as per the Report/Order (yyyy/mm/dd) | Responsibility for Action Item? (Client, OCWA, Joint) | Issue Analysis | Status (Complete or In Progress) |
|-------------------|--------|--|--|--|---|----------------|--|
| | | offline, operators used pump hours to calculate the flow rate for the St. Gregory Sewage Pumping Station. However, the flow rate was not recorded daily until April 26th, 2018 when the flow meter was repaired. Failure record the flowrate at a daily frequency is a violation of Condition 10(6) of ECA No. 7092-8XLLAN (dated June 24th, 2015). The owner of the system has violated Section 53(1) of the OWRA which requires that, subject to Section 47.3 of the EPA, no person shall use, operate, establish, alter, extend or replace new or existing sewage works except under and in accordance with an environmental compliance approval. | | | | | |

| Type (RA, REC) | Item # | Issue Identified in Report/Order | Required Action or Recommendation Identified in Report/Order | Comply by Date as per the Report/Order (yyyy/mm/dd) | Responsibility for Action Item? (Client, OCWA, Joint) | Issue Analysis | Status (Complete or In Progress) |
|-------------------|--------|---|--|--|---|--|--|
| REC | 3 | Raw water samples are being taken from the raw water inlet for the North #2 and South #1 Cells. | It is recommended that, if the ECA is being amended in the future, the owner applies to have the inlet and the pumping stations specified as sample locations for influent monitoring. | N/A | OCWA | <p>If the ECA is amended in the future, OCWA will ensure to have the sample location for influent monitoring updated to the inlet. OCWA will continue to sample influent from the raw water inlet for the North #2 and South #1 Cells as it is the most representative sample of what is going into the cells.</p> <p>Also, if we wished to sample at pumping stations, we would have to sample at each station, each month and double the costs of sampling and potential health and safety issues.</p> | Complete |
| REC | 4 | One sample was taken during two of the bypasses/overflows. | It is recommended that the owner shall use best efforts to collect a minimum of two grab samples of the bypasses/plant overflows, one at the beginning of the event and the second approximately near the end of the event, to best reflect the effluent quality of such bypass/overflow in accordance with Condition 5(4) of ECA No. 7092-9XLLAN. | N/A | OCWA | <p>OCWA has used best efforts to collect two grab samples. However, there have been instances where the bypasses have been of such short duration that when the operator arrived to collect second sample the station was no longer bypassing.</p> | Complete |

| Type (RA, REC) | Item # | Issue Identified in Report/Order | Required Action or Recommendation Identified in Report/Order | Comply by Date as per the Report/Order (yyyy/mm/dd) | Responsibility for Action Item? (Client, OCWA, Joint) | Issue Analysis | Status (Complete or In Progress) |
|-------------------|--------|--|---|--|---|---|--|
| REC | 5 | A review of the information provided for the inspection period indicates that overflows/bypasses continue to occur in the Spring during wet weather events including heavy rainfall. | It is recommended that the owner continue to monitor the frequency and duration of the wet weather bypasses and overflows and to ensure that all necessary steps are taken to reduce infiltration in the sanitary sewers and to reduce overflows in the Powassan Sewage Collection System and the Lagoon. | N/A | OCWA | OCWA will continue to monitor the frequency and duration of the wet weather bypasses and overflows. The Municipality has relined section of sewer main to help prevent infiltration and they have made residents aware that illegal connections are not allowed to help prevent infiltration. | Complete |
| REC | 6 | There is no formal schedule established for sludge removal. | It is recommended that the owner continue to monitor sludge accumulation in the Powassan Lagoon and routinely remove sludge to ensure that the lagoon properly treats sewage. | N/A | OCWA | The owner has dredged the South Cell in 2016 to remove excess sludge. The same was done to the North Cell in 2018. Sludge removal was done on an as needed basis, based on TSS results during the scheduled releases. A new ECA in another facility requires sludge to be estimated annually. We will adopt this for Powassan WWTL and will take annual sludge judge measurements of each cell discharging during the spring lagoon treatment. Sludge will continue to be removed on an as needed basis, based on sludge judge measurements and effluent TSS results. | Complete |

Description of the Works:

The Town of Powassan Sewage System consists of gravity sewer mains that flow to two pumping stations with submersible Flygt pumps and associated force mains and controls serving the Town of Powassan. The force mains from the lift stations discharge into a three-cell stabilization pond (lagoon) located on part of Lots 17 and 18, Concession XIII, Township of Himsforth South.

OCWA employees operate the wastewater treatment system. OCWA maintains raw sewage flow data, raw sewage monthly sample analysis data, lagoon pre-release data, and lagoon release effluent analysis data in an electronic process database.

Wastewater Collection System

Pumping Station number (No.) 1, the Clark Street SLS is located in Lot 16, Concession XII, in the Town of Powassan, approximately 103 meters (m) North of Clark Street and approximately 250 m East of Highway 11 in a field behind the Public Library. It is equipped with two submersible pumps each rated at 2,179 liters per minute (L/min) at 21 feet (ft.) total dynamic head (TDH), complete with controls, and an emergency overflow bypass to Genessee Creek; the station pumps directly to the lagoons. The standby 100 kilowatt (kW) emergency generator that provides emergency power for this station during power outages became operational early on 2010.

Pumping Station No. 2, the St. Gregory Station is located on Lot 17 approximately 20 m south of the Genessee Creek, at the North East corner of the schoolyard. It is equipped with two Flygt submersible pumps each rated at 1800 L/min (30.2 liters per second (L/s)) at 15.1 m or 50 ft. TDH, complete with controls and an emergency overflow bypass to Genessee Creek; the station pumps directly to the lagoons. This station utilizes standby power capabilities from a 65 kW emergency diesel generating station located at the nearby Water Treatment Plant.

Waste Stabilization Ponds (Lagoons)

The Powassan Wastewater Treatment systems consist of three cell lagoons. Cell #2 South and Cell #1 North have a combined surface area of 7.2 ha & depth of 1.8 m each with a storage capacity of 140,500 m³. Cell #3, referred to as the Old Cell, is the original single cell waste stabilization pond approximately 2.83 ha & depth of 1.5 m with a storage capacity of 39,700 m³. These are complete retention lagoons that are seasonally released. The lagoon discharges are conducted in the spring and fall of the year. Pre-discharge sample analysis results are utilized to dictate the need for batch chemical treatment with ferric sulphate for phosphorus removal. The lagoons discharge to Genessee Creek - South River - Lake Nipissing after treatment. There are no significant downstream users within 3.5 km.

Registration of the Wastewater Works:

| | |
|------------------------|---|
| Municipal Location: | Town of Powassan |
| Org Unit: | 5747 |
| Facility(Proj) Number: | 201376201 |
| Works Number: | 10000613 |
| ECA: Sewage Works | 7092-9XLLAN Issued 24 June, 2015 revokes ECA No. 1040-7U2QV6 1040-7U2QV6 Issued 12 August, 2009 revokes ECA No. 3-1429-80-006 (for install 100 kW natural gas gen set) |

| | |
|--------------------------|---|
| ECA: Air | 3319-7TQQBE Issued 09 July 2009 revokes ECA No. 3-0523-83-006 |
| Facility Classification: | WWC Level II Certificate # 1802 issued December 19, 1991 WWT Level I Certificate # 1803 issued December 19, 1991 |
| Area(s) Serviced: | Town of Powassan |
| Population Serviced: | 1000 approx. |
| Total Design Capacity: | 940 m ³ /d |

Best Regards,

Joshua Gravelle
Process & Compliance Technician
North Eastern Ontario Hub
705-568-7000

Appendix A

Lagoon Release Reports

ORG # 5747

RELEASE REPORT FOR THE POWASSAN LAGOONS
SPRING RELEASE YEAR 2018

| TYPE OF SAMPLE | CELL | DATE COLLECTED | DATE RECEIVED | CBOD ₅ mg/L | TSS mg/L | pH | TP mg/L | Temp. Celcius | TAN mg/L | Unlonized Ammonia mg/L | Ecoli CFU/100ml |
|----------------|-------|----------------|---------------|------------------------|----------|------|---------|---------------|----------|------------------------|-----------------|
| CONTENT | North | 07-May-18 | 08-May-18 | 13.0 | 14.00 | 7.51 | 0.54 | | | | |
| | South | 07-May-18 | 08-May-18 | 17.0 | 11.00 | 7.63 | 0.65 | | | | |
| | Old | 07-May-18 | 08-May-18 | 19.0 | 16.00 | 7.77 | 0.80 | | | | |
| TREATED | North | 17-May-18 | 18-May-18 | 8.0 | 30.00 | 7.3 | 0.12 | | | | |
| | South | 17-May-18 | 18-May-18 | 7.0 | 58.00 | 7.75 | 0.36 | | | | |
| | Old | | | | | | | | | | |

| | | DATE | DATE | CBOD ₅ | TSS | Field pH | TP | Field Temp. | TAN | Unlonized Ammonia | Ecoli |
|------------|------------|-----------|-----------|-------------------|-------|----------|------|-------------|-----|-------------------|---------|
| CELL South | 1st Sample | 17-May-18 | 18-May-18 | 7.00 | 51.00 | 8.94 | 0.31 | 7.7 | 5.3 | 0.633 | 11900.0 |
| DRAWDOWN | 2nd Sample | 22-May-18 | 23-May-18 | 2.00 | 16.00 | 9.28 | 0.09 | 15.4 | 4.1 | 1.440 | 4340.0 |
| | 3rd Sample | 24-May-18 | 25-May-18 | 12.00 | 14.00 | 9.23 | 0.22 | 13.3 | 4.5 | 1.290 | 76000.0 |
| | 4th Sample | 28-May-18 | 29-May-18 | 11.00 | 13.00 | 7.64 | 0.18 | 22.6 | 4.1 | 0.083 | 34.0 |
| | 5th Sample | 30-May-18 | 31-May-18 | 12.00 | 7.00 | 8.62 | 0.14 | 24.9 | 2.8 | 0.527 | 2.0 |
| | 6th Sample | | | | | | | | | | |

| | | DATE | DATE | CBOD ₅ | TSS | Field pH | TP | Field Temp. | TAN | Unlonized Ammonia | Ecoli |
|------------|------------|-----------|-----------|-------------------|-------|----------|------|-------------|------|-------------------|-------|
| CELL North | 1st Sample | 04-Jun-18 | 05-Jun-18 | 6.00 | 7.00 | 7.12 | 0.23 | 12.4 | 2.10 | 0.006 | 6 |
| DRAWDOWN | 2nd Sample | 07-Jun-18 | 08-Jun-18 | 2.00 | 10.00 | 7.11 | 0.37 | 13.2 | 2.80 | 0.009 | 0.1 |
| | 3rd Sample | 11-Jun-18 | 12-Jun-18 | 5.00 | 34.00 | 7.09 | 0.49 | 13.4 | 3.40 | 0.01 | 2 |
| | 4th Sample | 14-Jun-18 | 15-Jun-18 | 4.00 | 6.00 | 7.39 | 0.59 | 17.2 | 4.00 | 0.031 | 2 |
| | 5th Sample | 18-Jun-18 | 19-Jun-18 | 11.00 | 16.00 | 7.02 | 0.90 | 21.9 | 4.10 | 0.019 | 2 |
| | 6th Sample | | | | | | | | | | |

| | | DATE | DATE | CBOD ₅ | TSS | Field pH | TP | Field Temp. | TAN | Unlonized Ammonia | Ecoli |
|----------|------------|------|------|-------------------|-----|----------|----|-------------|-----|-------------------|-------|
| CELL Old | 1st Sample | | | | | | | | | | |
| DRAWDOWN | 2nd Sample | | | | | | | | | | |
| | 3rd Sample | | | | | | | | | | |
| | 4th Sample | | | | | | | | | | |
| | 5th Sample | | | | | | | | | | |
| | 6th Sample | | | | | | | | | | |

South Cell#1 AVG CONC OVER DISCHARGE PERIOD
North Cell #2 AVG CONC OVER DISCHARGE PERIOD
Old Cell #3 AVG CONC OVER DISCHARGE PERIOD
Seasonal Avg Conc OVER Spring DISCHARGE PERIOD
Seasonal Concentration Limits per Powassan Lagoon C of A

| CBOD ₅ | TSS | Field pH | Field pH | TP | Field Temp. | TAN | Unlonized Ammonia | Ecoli |
|-------------------|---------|----------|----------|---------|-------------|---------|-------------------|-------|
| 8.8 | 20.2 | 7.6 | 9.3 | 0.2 | 16.8 | 4.2 | 0.79 | 767.8 |
| 5.6 | 14.60 | 7.02 | 7.39 | 0.5 | 15.6 | 3.28 | 0.02 | 1 |
| #DIV/0! | #DIV/0! | 0.00 | 0.00 | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #NUM! |
| 7.2 | 17.40 | 7.02 | 9.28 | 0.35 | 16.2 | 3.7 | 0.405 | 32.4 |
| 25.0 | 25.0 | 6.00 | 9.50 | 1.00 | | | | |
| | | min | max | | | | | |

NOTES/COMMENTS

Averages calculated following WSER protocol.

3 Cell seasonal discharge lagoon. Treated with ferric sulfate prior to release when Total Phosphorus reduction is required.

Cell #1 = South Cell = 3.60 HA x 1.8 m depth = 70,250 m³

Cell #2 = North Cell = 3.60 HA x 1.8 m depth = 70,250 m³

Cell #3 = Old Cell = 2.83 HA x 1.5 m depth = 39,700 m³

Spring Release: Discharge commencing after the liquid surface in the lagoon has become substantially free of ice cover, terminating within sixty (60) days thereafter

The Effluent pH is to be maintained between 6.0 to 9.5 at all times to meet compliance

Compliance is on Seasonal Average Concentrations of CBOD₅, Total Phosphorus and Suspended Solids

A minimum of five samples are required during each discharge period from each discharging cell

WSER requirements: TSS is to be tested at least 1 time per discharge (or bi-weekly if discharge >30 days)

WSER requirements: CBOD₅ is to be tested at least 1 time per discharge (or bi-weekly if discharge >30 days)

WSER Effluent limits: CBOD₅ and TSS = Annual average of 25 mg/L

CONTACT PERSON

Frank Young

FAX: 705-724-5533

DATE RELEASE STARTED:

CELL#1 South

17-May-18

DATE RELEASE STOPPED:

01-Jun-18

of Discharge Days

16

Approximate Daily Flow (m³/d)

2811.27

AMOUNT OF CHEMICAL USED

1200 IMPG

DISCHARGE VOLUME

67,472 m³

DATE RELEASE STARTED:

CELL#2 North

04-Jun-18

DATE RELEASE STOPPED:

22-Jun-18

of Discharge Days

19

Approximate Daily Flow (m³/d)

3575.95

AMOUNT OF CHEMICAL USED

1800 IMPG

DISCHARGE VOLUME

67,943 m³

treated on May 15, 2018

DATE RELEASE STARTED:

CELL #3 Old

DATE RELEASE STOPPED:

of Discharge Days

Approximate Daily Flow (m³/d)

AMOUNT OF CHEMICAL USED

DISCHARGE VOLUME

Tot.# of Spring discharge days

35

* the lagoons became ice free on :

05-May-18

TOTAL LAGOON EFFLUENT VOLUME DISCHARGE :

125,415 m³

60 days after:

03-Jul-18

ORG # 5747

RELEASE REPORT FOR THE POWASSAN LAGOONS FALL RELEASE YEAR 2018

| TYPE OF SAMPLE | CELL | DATE COLLECTED | DATE RECEIVED | CBOD ₅ mg/L | TSS mg/L | pH | TP mg/L | Temp. Celcius | TAN mg/L | Unlonized Ammonia mg/L | Ecoli CFU/100ml |
|----------------|-------|----------------|----------------|------------------------|----------|------|---------|---------------|----------|------------------------|-----------------|
| CONTENT | North | | | | | | | | | | |
| | South | Sept. 12, 2018 | Sept. 13, 2018 | 20.0 | 27.00 | 7.89 | 1.38 | | | | |
| | Old | Sept. 12, 2018 | Sept. 13, 2018 | 7.0 | 8.00 | 7.55 | 0.84 | | | | |
| TREATED | North | | | | | | | | | | |
| | South | Oct. 22, 2018 | Oct. 23, 2018 | 10.0 | 19.00 | 7.61 | 0.31 | | | | |
| | Old | Oct. 2, 2018 | Oct. 3, 2018 | 2.0 | 7.00 | 7.29 | 0.51 | | | | |

| | | DATE | DATE | CBOD ₅ | TSS | Field pH | TP | Field Temp. | TAN | Unlonized Ammonia | Ecoli |
|------------|------------|-----------|-----------|-------------------|-------|----------|------|-------------|-----|-------------------|-------|
| CELL South | 1st Sample | 30-Oct-18 | 31-Oct-18 | 6.00 | 14.00 | 7.35 | 0.28 | 3.6 | 6.7 | 0.009 | 680.0 |
| DRAWDOWN | 2nd Sample | 01-Nov-18 | 02-Nov-18 | 5.00 | 15.00 | 7.32 | 0.27 | 2.4 | 6.3 | 0.013 | 300.0 |
| | 3rd Sample | 05-Nov-18 | 06-Nov-18 | 6.00 | 38.00 | 7.41 | 0.49 | 3.4 | 6.5 | 0.018 | 740.0 |
| | 4th Sample | 08-Nov-18 | 09-Nov-18 | 6.00 | 36.00 | 7.21 | 0.44 | 0.5 | 6.7 | 0.009 | 620.0 |
| | 5th Sample | 13-Nov-18 | 14-Nov-18 | 6.00 | 25.00 | 7.63 | 0.36 | 2.5 | 7.2 | 0.020 | 60.0 |
| | 6th Sample | | | | | | | | | | |

| | | DATE | DATE | CBOD ₅ | TSS | Field pH | TP | Field Temp. | TAN | Unlonized Ammonia | Ecoli |
|------------|------------|------|------|-------------------|-----|----------|----|-------------|-----|-------------------|-------|
| CELL North | 1st Sample | | | | | | | | | | |
| DRAWDOWN | 2nd Sample | | | | | | | | | | |
| | 3rd Sample | | | | | | | | | | |
| | 4th Sample | | | | | | | | | | |
| | 5th Sample | | | | | | | | | | |

| | | DATE | DATE | CBOD ₅ | TSS | Field pH | TP | Field Temp. | TAN | Unlonized Ammonia | Ecoli |
|----------|------------|-----------|-----------|-------------------|------|----------|------|-------------|------|-------------------|-------|
| CELL Old | 1st Sample | 15-Oct-18 | 16-Oct-18 | 2.0 | 4.00 | 7.09 | 0.51 | 7.50 | 4.00 | 0.007 | 2.00 |
| DRAWDOWN | 2nd Sample | 18-Oct-18 | 19-Oct-18 | 1.0 | 4.00 | 7.19 | 0.48 | 5.50 | 4.10 | 0.008 | 8.00 |
| | 3rd Sample | 22-Oct-18 | 23-Oct-18 | 5.0 | 2.00 | 7.59 | 0.37 | 1.90 | 4.20 | 0.016 | 2.00 |
| | 4th Sample | 25-Oct-18 | 26-Oct-18 | 5.0 | 4.00 | 7.09 | 0.38 | 1.20 | 4.50 | 0.005 | 1.00 |
| | 5th Sample | 29-Oct-18 | 30-Oct-18 | 2.0 | 8.00 | 7.14 | 0.34 | 1.40 | 4.60 | 0.006 | 2.00 |
| | 6th Sample | | | | | | | | | | |

South Cell #1 AVG CONC OVER DISCHARGE PERIOD
North Cell #2 AVG CONC OVER DISCHARGE PERIOD
Old Cell #3 AVG CONC OVER DISCHARGE PERIOD
Seasonal Avg Conc OVER Fall DISCHARGE PERIOD
Seasonal Concentration Limits per Powassan Lagoon C of A

| CBOD ₅ | TSS | Field pH | Field pH | TP | Field Temp. | TAN | Unlonized Ammonia | Ecoli |
|-------------------|---------|----------|----------|---------|-------------|---------|-------------------|---------|
| 5.8 | 25.6 | 7.21 | 7.63 | 0.4 | 2.5 | 6.7 | 0.01 | 480.0 |
| #DIV/0! | #DIV/0! | 0.00 | 0.00 | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! |
| 3.0 | 4.400 | 7.09 | 7.59 | 0.42 | 3.50 | 4.20 | 0.01 | 3 |
| 4.4 | 15.00 | 7.09 | 7.63 | 0.39 | 3.0 | 5.5 | 0.011 | 28.5 |
| 25.0 | 25.0 | 6.00 | 9.50 | 1.00 | | | | |

min

max

NOTES/COMMENTS

Averages calculated following WSER protocol.

3 Cell seasonal discharge lagoon. Treated with ferric sulfate prior to release when Total Phosphorus reduction is required.

Cell #1 = South Cell = 3.60 HA x 1.8 m depth = 70,250 m³

Cell #2 = North Cell = 3.60 HA x 1.8 m depth = 70,250 m³

Cell #3 = Old Cell = 2.83 HA x 1.5 m depth = 39,700 m³

Fall Release: Not earlier than Oct. 15, not later than Nov. 30.

The Effluent pH is to be maintained between 6.0 to 9.5 at all times to meet compliance, must be taken in Field with Field Temperature

Compliance is on Seasonal Average Concentrations of CBOD5, Total Phosphorus and Total Suspended Solids

A minimum of five samples are required during each discharge period from each discharging cell

WSER requirements: TSS is to be tested at least 1 time per discharge (or bi-weekly if discharge >30 days)

WSER requirements: CBOD5 is to be tested at least 1 time per discharge (or bi-weekly if discharge >30 days)

WSER Effluent limits: CBOD5 and TSS = Annual average of 25 mg/L

DATE RELEASE STARTED:
DATE RELEASE STOPPED:
of Discharge Days
Approximate Daily Flow (m³/d)

| | |
|---------------|-----------|
| CELL #1 South | 30-Oct-18 |
| | 14-Nov-18 |
| | 16 |
| | 3570 |

AMOUNT OF CHEMICAL USED (imp. gal.)
DISCHARGE VOLUME (m³)

| |
|--------|
| 1350 |
| 53,546 |

DATE RELEASE STARTED:
DATE RELEASE STOPPED:
of Discharge Days
Approximate Daily Flow (m³/d)

| | |
|---------------|--|
| CELL #2 North | |
| | |
| | |
| | |

AMOUNT OF CHEMICAL USED (imp. gal.)
DISCHARGE VOLUME (m³)

| |
|--|
| |
| |

DATE RELEASE STARTED:
DATE RELEASE STOPPED:
of Discharge Days
Approximate Daily Flow (m³/d)

| | |
|-------------|-----------|
| CELL #3 Old | 15-Oct-18 |
| | 30-Oct-18 |
| | 16 |
| | 2533 |

AMOUNT OF CHEMICAL USED (imp. gal.)
DISCHARGE VOLUME (m³)

| |
|--------|
| 455 |
| 38,005 |

treated on Sept. 27, 2018

Tot.# of Fall discharge days

| |
|----|
| 31 |
|----|

TOTAL LAGOON EFFLUENT VOLUME DISCHARGE (m³):

91,551

Appendix B

Raw(influent) Sample Data

Powassan Wastewater Treatment Lagoon
Raw Sample Data

From: 01/2018 to 12/2018

Report extracted 01/15/2019 09:32

Facility Org Number: 5747
Facility Works Number: 119000813
Facility Name: POWASSAN WASTEWATER TREATMENT LAGOON
Facility Owner: Municipality: The Corporation of the Municipality of Powassan
Facility Classification: Class 1 Wastewater Treatment
Receiver: Genesee Brook to South River to South Bay of Lake Nipissing
Service Population: 1100.0
Total Design Capacity: 940.0 m3/day

| | 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 |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|---------|------|------|
| Raw/ Biological Oxygen Demand: BOD5 - mg/L | | | | | | | | | | | | | | | | |
| Count Lab | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 12 | | | |
| Max Lab | 118 | 189 | 353 | 138 | 127 | 208 | 417 | 224 | 155 | 144 | 158 | 222 | | | 417 | |
| Mean Lab | 118 | 189 | 353 | 138 | 127 | 208 | 417 | 224 | 155 | 144 | 158 | 222 | | 204.417 | | |
| Min Lab | 118 | 189 | 353 | 138 | 127 | 208 | 417 | 224 | 155 | 144 | 158 | 222 | | | | 118 |
| Raw/ Total Kjeldahl Nitrogen: TKN - mg/L | | | | | | | | | | | | | | | | |
| Count Lab | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 12 | | | |
| Max Lab | 14 | 44.6 | 28.8 | 15.7 | 21.4 | 22.2 | 44.4 | 47.8 | 48.6 | 14.8 | 21.8 | 31.1 | | | 48.6 | |
| Mean Lab | 14 | 44.6 | 28.8 | 15.7 | 21.4 | 22.2 | 44.4 | 47.8 | 48.6 | 14.8 | 21.8 | 31.1 | | 29.583 | | |
| Min Lab | 14 | 44.6 | 28.8 | 15.7 | 21.4 | 22.2 | 44.4 | 47.8 | 48.6 | 14.8 | 21.8 | 31.1 | | | | 14 |
| Raw/ Total Phosphorus: TP - mg/L | | | | | | | | | | | | | | | | |
| Count Lab | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 12 | | | |
| Max Lab | 1.7 | 4.87 | 4.7 | 1.69 | 2.41 | 2.8 | 5.31 | 6.13 | 6.3 | 1.55 | 2.41 | 4.5 | | | 6.3 | |
| Mean Lab | 1.7 | 4.87 | 4.7 | 1.69 | 2.41 | 2.8 | 5.31 | 6.13 | 6.3 | 1.55 | 2.41 | 4.5 | | 3.697 | | |
| Min Lab | 1.7 | 4.87 | 4.7 | 1.69 | 2.41 | 2.8 | 5.31 | 6.13 | 6.3 | 1.55 | 2.41 | 4.5 | | | | 1.55 |
| Raw/ Total Suspended Solids: TSS - mg/L | | | | | | | | | | | | | | | | |
| Count Lab | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 12 | | | |
| Max Lab | 134 | 248 | 224 | 122 | 138 | 222 | 209 | 265 | 204 | 102 | 149 | 154 | | | 265 | |
| Mean Lab | 134 | 248 | 224 | 122 | 138 | 222 | 209 | 265 | 204 | 102 | 149 | 154 | | 180.017 | | |
| Min Lab | 134 | 248 | 224 | 122 | 138 | 222 | 209 | 265 | 204 | 102 | 149 | 154 | | | | 102 |

Appendix C

Bypass/Overflow Sample Data

Statement of Analytical Results - Final

Job 108028
Ontario Clean Water Agency

Don Michaud

PO BOX 100, 100 NIPissing ST, CALLANDER ON P0H 1H0

Powassan Lagoons - Bypass
110000613 - POWASSAN LAGOON / 5747

Lab ID 18E0273
Collection Date 2018-May-04
Collection Time 18:40
Matrix Waste Water
Description Bypass @
Clark Street
Sewage Lift Stn

Criteria Not Regulated
Sampler Tim Fraser
Received 2018 May 04 19:50
Turn Around 7 Day

| | | | | | MDL / RDL | Units | Method | Completed | Analyst |
|--|---------|---|---|---|--------------|-----------|------------------------|-------------|---------|
| C-Biological Oxygen Demand | 43.4* | - | - | - | 0.70 | mg/L | 5 day incubation | 2018-May-12 | DR |
| pH ¹ | 7.06 | - | - | - | - | pH Unit | Probe | 2018-May-07 | YL |
| Phos, tot (as P) | 0.91 | - | - | - | 0.10 | mg/L | Photometric | 2018-May-07 | RR |
| Total Kjeldahl Nitrogen (as N) ² | 6.0 | - | - | - | 0.1 | mg/L | Photometric | 2018-May-14 | - |
| Total Suspended Solids ¹ | 128 | - | - | - | 1.26 | mg/L | Gravimetric | 2018-May-08 | SM |
| Escherichia coli ¹ | >20000* | - | - | - | 100 | cfu/100mL | Membrane filtration | 2018-May-06 | DR |

Friday after hours submission;

MDL denotes Method Detection Limit, and expresses the lowest concentration that can be detected for the analysis

[R] Indicates Reported Detection Limit (RDL) used in place of an MDL

* Sample diluted prior to analysis

¹ Indicates an accredited test by Near North Laboratories Inc. to CALA to ISO/IEC 17025. * Indicates analyses were subcontracted to an accredited and licensed laboratory.

Preparation: All samples were processed in accordance with the Occupational Health and Safety Act. Analyses performed by a N.I.S.T. - NVLAP accredited analyst and in accordance to Regulation 830/90 O.H.S.A., Ontario Ministry of Labour.

QC report available upon request. Sample(s) received in good condition, unless otherwise noted.

Near North Laboratories Inc. does not accept liability for the collection/handling of samples; nor representation and custody of samples prior to submission to the laboratory; the only exception to this statement is for samples collected/handled/in custody of NNL staff from the time of sampling. It is agreed that if Near North Laboratories Inc. should be found liable for any losses or damages attributable to the services provided, the liability shall be limited to and not exceed the amount of the fee paid by the Client for the services; this limit of liability may constitute the re-test / re-provision of the service or a refund of the fee paid.


Renée Roy, Quality Manager

2018 May 15

Appendix D
Maintenance Summary

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 5747*
 Work Order Type: CALL, CAP, CORR, EMER, OPER, PM
 Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Work Order | | PM Schedule | | Work Order Details | | | Work Log Details | |
|--------|----------|---------------------------|----------------------|------------|-------------------|-------------|-------|--|----------|--------|-------------------------------------|-----------------|
| | | | | Type | Class | REQ | Units | Status | Schedule | Status | Actual Start | Actual Finish |
| 661737 | | 5747, Clark SPS, Facility | | OPER | Health and Safety | 0 | | CLOSE | | | 3/7/18 02:59 PM | 3/7/18 02:59 PM |
| | | | | | | | | 5747 Powassan SLS Asbestos Sampling | | | 5747 Powassan SLS Asbestos Sampling | |
| | | | | | | | | <p>07 Mar 2018. The lab analysis results for the 3 samples of the exposed rafter insulation material at the Powassan Clark Street Sewage lift station on 28 Feb 2018 were received on 07 Mar 2018. All samples were found not to contain Chrysotile, Amosite, Crocidolite or any other Amphiboles form of Asbestos.</p> <p>The material in all three samples was identified as 100% Man Made Vitreous Fibers (MMVF) Fibreglass Min Wool, Rockwool, Glaswool. The lab results were forwarded to the St. Omer's Wastewater, PCT, Regional Safety & Compliance Officer and operations staff for this facility. J.H.</p> | | | | |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 5747*
 Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
 Work Order Class:

| W.O.# | Asset ID | Asset Description | Type | Work Order Class | PM Schedule | Work Order Details | | | Work Log/Detail |
|---|----------|----------------------|------|-------------------|-------------|--------------------|-----------------|------------------|------------------|
| | | | | | | Status | Schedule Start | Actual Start | |
| 765041 | | 5747, Potvassan WWTL | PM | Health and Safety | 1 MONTHS | CLOSE | 5/1/18 12:00 AM | 5/14/18 10:15 AM | 5/14/18 10:30 AM |
| <p>Health And Safety Inspection (1m) 5747</p> <p>-14 May 2018. Performed the monthly Health & Safety inspection of the Wastewater collection & treatment facilities for May 2018. The general condition of the facilities and equipment is good and the system is operating well. The inspection also included inspection of all the safety equipment at the Clarke Street sewage lift station building which houses the standby gas set and safety equipment. This included inspection of the first aid kit, emergency eye wash, chemical apron, chemical face shield, spill kit, chemical storage and secondary containment, safety signage hearing protection ear muffs, emergency lighting unit and the fire extinguisher. All safety equipment was found to be present and in good condition. J.H.</p> | | | | | | | | | |

Report Start Date: Jan 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 5747*
 Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
 Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Work Order | | PM Schedule | | Work Order Details | | | Work Order Details | | Work Order Description | Status | Actual Start | Actual Finish | Work Order Detail |
|--------|----------|-------------------|----------------------|------------|-------------------|-------------|--------|--------------------|-------|-----------------|--------------------|------------------|---|--------|--------------|---------------|---|
| | | | | Type | Class | HEQ | Units | Schedule | Start | End | Schedule | Start | | | | | |
| 804440 | | | 5747, Powassan WWTL | PM | Health and Safety | 1 | MONTHS | | CLOSE | 6/1/18 12:00 AM | 7/13/18 11:15 AM | 7/13/18 11:30 AM | Health And Safety Inspection (1m) 5747 | CLOSE | | | Health And Safety Inspection (1m) 5747 -13 Jul 2018. Performed a late monthly Health & Safety inspection of the Wastewater collection & treatment facilities for Jun 2018. The general condition of the facilities and equipment is good and the system is operating well. The inspection also included inspection of all the safety equipment at the Clarke Street sewage lift station building which houses the standby gas set and safety equipment. This included inspection of the first aid kit, emergency eye wash, chemical apron, chemical face shield, spill kit, chemical storage and secondary containment, safety signage, hearing protection ear muffs, emergency lighting unit and the fire extinguisher. All safety equipment was found to be present and in good condition. JH |

Report Start Date: Jan 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 5747*
 Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
 Work Order Class:

| Asset Description | | | | Work Order | | PM Schedule | | Work Order Details | | | | Work Log Detail | |
|-------------------|----------|---------------------|----------------------|------------|-------------------|-------------|--------|---|--------|-----------------|------------------|-----------------|---|
| WO # | Asset ID | Asset Description | Location/Description | Type | Class | REQ | Units | Work Order Description | Status | Schedule Start | Schedule Finish | Actual Start | Actual Finish |
| 921324 | | 5747, Powassan WWTL | | PM | Health and Safety | 1 | MONTHS | Health And Safety Inspection (1m) 5747 | CLOSE | 9/1/18 12:00 AM | 9/14/18 01:30 PM | 5747 | Health And Safety Inspection (1m) 5747 -14 Sep 2018. Performed the monthly Health & Safety inspection of the Wastewater collection & treatment facilities. The general condition of the facilities and equipment is good and the system is operating well. The inspection also included inspection of all the safety equipment at the Clarke Street sewage lift station building which houses the standby gen set and safety equipment. This included inspection of the first aid kit, emergency eye wash, chemical apron, chemical face shield, spill kit, chemical storage and secondary containment, safety signage bearing protection ear muffs, emergency lighting unit and the fire extinguisher. All safety equipment was found to be present and in good condition. JH. |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 5747*
 Work Order Type: CALL, CAP, CORR, EMER, OPER, PM
 Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Work Order | | PM Schedule | | Work Order Details | | Motor Order Details | | Actual Finish | Actual Start | Schedule Start | Status | Work Order Description | Health And Safety Inspection (1m) | Work Log Detail |
|--------|----------|-------------------|----------------------|------------|-------------------|-------------|--------|--------------------|--|---------------------|--|---------------|--------------|----------------|--------|------------------------|-----------------------------------|--|
| | | | | Type | Class | FREQ | Units | | | | | | | | | | | |
| 953462 | | | 5747, Powassan WWTL | PM | Health and Safety | 1 | MONTHS | | | | | | | | | | | Health And Safety Inspection (1m) 5747 -05 Oct 2018, Performed the monthly Health & Safety inspection of the Wastewater collection & treatment facilities. The general condition of the facilities and equipment is good and the system is operating well. The inspection also included inspection of all the safety equipment at the Clarke Street sewage lift station building which houses the standby gen set and safety equipment. This included inspection of the first aid kit; emergency eye wash; chemical apron; chemical face shield; spill kit; chemical storage and secondary containment; safety signage hearing protection ear muffs; emergency lighting unit and the fire extinguisher. All safety equipment was found to be present and in good condition. J.H. |

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description | Location/Description | Work Order | | PM Schedule | | Work Order Details | | | Work Order Detail | |
|---|----------|-------------------|----------------------|------------|-------------------|-------------|--------|---|--------|----------------|-------------------|----------------|
| | | | | Type | Class | REQ | Units | Work Order Description | Status | Schedule Start | Actual Start | Actual Finish |
| 649458 | | | 5747, Powassan WWTL | PM | Health and Safety | 1 | MONTHS | Health And Safety Inspection (1m) 5747 | CLOSE | 27/18 12:00 AM | 27/18 10:30 AM | 27/18 11:00 AM |
| <p>5747 -07 Feb 2018. Performed the monthly Health & Safety inspection of the Wastewater collection & treatment facilities. The general condition of the facilities and equipment is good and the system is operating well. The inspection also included inspection of all the safety equipment at the Clarke Street sewage lift station building which houses the standby gen set and safety equipment. This included inspection of the first aid kit; emergency eye wash; chemical apron; chemical face shield; spill kit; chemical storage and secondary containment; safety signage bearing protection ear muffs; emergency lighting unit and the fire extinguisher. All safety equipment was found to be present and in good condition. J.H.</p> | | | | | | | | | | | | |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL_CAP,CORR_EMER,OPER,PM
Work Order Class:

| WO# | Asset ID | Asset Description | Location Description | Type | Work Order Class | WFO | PM Schedule | Units | Work Order Description | Status | Schedule Start | Actual Start | Actual Finish | Work Order Detail |
|--------|----------|---------------------|----------------------|------|-------------------|-----|-------------|--------|---|--------|-----------------|------------------|------------------|--|
| 724723 | | 5747, Powassan WWTL | | PM | Health and Safety | 1 | | MONTHS | Health And Safety Inspection (1m) 5747 | CLOSE | 4/1/18 12:00 AM | 4/13/18 01:30 PM | 4/13/18 01:45 PM | <p>Health And Safety Inspection (1m) 5747</p> <p>-13 Apr 2018, Performed the monthly Health & Safety inspection of the Wastewater collection & treatment facilities. The general condition of the facilities and equipment is good and the system is operating well. The inspection also included inspection of all the safety equipment at the Clarke Street sewage lift station building which houses the standby gen set and safety equipment. This included inspection of the first aid kit, emergency eye wash, chemical apron, chemical face shield, spill kit, chemical storage and secondary containment, safety signage hearing protection ear muffs, emergency lighting unit and the fire extinguisher. All safety equipment was found to be present and in good condition. J.H.</p> |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 5747*
 Work Order Type: CALL CAP CORR EMER OPER PM
 Work Order Class:

| Work Order | | | PM Schedule | | | Work Order Details | | | | Work Order Details | | |
|------------|----------|---------------------|-------------|-------------------|-----|--------------------|---|--------|------------------|--------------------|-----------------|---|
| WO # | Asset ID | Asset Description | Type | Class | REQ | Units | Work Order Description | Status | Schedule Start | Schedule End | Actual Finish | Work Order Details |
| 1059038 | | 5747, Powassan WWTL | PM | Health and Safety | 1 | MONTHS | Health And Safety Inspection (1m) 5747 | COMP | 12/1/18 12:00 AM | 1/3/19 02:13 PM | 1/3/19 02:13 PM | Health And Safety Inspection (1m) 5747 -10 Jan 2018, Performed the monthly Health & Safety inspection of the Wastewater collection & treatment facilities. The general condition of the facilities and equipment is good and the system is operating well. The inspection also included inspection of all the safety equipment at the Clarke Street sewage lift station building which houses the standby gen set and safety equipment. This included inspection of the first aid kit, emergency eye wash, chemical apron, chemical face shield, spill kit, emergency hearing protection, secondary containment, safety signage hearing protection ear muffs, emergency lighting unit and the fire extinguisher. All safety equipment was found to be present and in good condition. J.H. |
| 685744 | | 5747, Powassan WWTL | PM | Health and Safety | 1 | MONTHS | Health And Safety Inspection (1m) 5747 | CLOSE | 3/1/18 12:00 AM | 3/7/18 11:30 AM | 3/7/18 12:00 PM | Health And Safety Inspection (1m) 5747 -07 Mar 2018, Performed the monthly Health & Safety inspection of the water treatment and supply facility. The general condition of the facilities is good and the system is operating well. The inspection also included inspection of all the safety equipment at the wall house building. This included inspection of the first aid kit, emergency eye wash, chemical apron, chemical face shield, spill kit, chemical storage and secondary containment, safety signage hearing protection ear muffs, emergency lighting unit and the fire extinguisher. All safety equipment was found to be present and in good condition. J.H. |

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| WO# | | Asset Description | Location Description | WO# | Type | Class | Frequency | PM Schedule | Work Order Description | Status | Schedule | Actual Start | Actual Finish | Work Order Detail |
|---------|--|-------------------|----------------------|-----|------|-------------------|-----------|-------------|--|--------|------------------|-------------------|-------------------|--|
| 1002454 | | | 5747, Powassan WWTL | | PM | Health and Safety | 1 | MONTHS | Health And Safety Inspection (1m) 5747 | COMP | 11/1/18 12:00 AM | 11/19/18 02:45 PM | 11/19/18 03:00 PM | Health And Safety Inspection (1m) 5747 -19 Nov 2018. Performed the monthly Health & Safety inspection of the Wastewater collection & treatment facilities. The general condition of the facilities and equipment is good. The inspection also included inspection of all the safety equipment at the Clarke Street sewage lift station building which houses the standby gen set and safety equipment. This included inspection of the first aid kit, emergency eye wash, chemical apron, chemical face shield, spill kit, chemical storage and secondary containment, safety signage, hearing protection ear muffs, emergency lighting unit and the fire extinguisher. All safety equipment was found to be present and in good condition. J.H. |
| 608774 | | | 5747, Powassan WWTL | | OPER | Health and Safety | 1 | YEARS | WHMIS/MSDS/NSF Review And Update (1y) 5747 | CLOSE | 1/1/18 12:00 AM | 2/27/18 09:00 AM | 2/27/18 11:00 AM | WHMIS/MSDS/NSF Review And Update (1y) 5747 -27 Feb 2018. Performed an annual review of the WHMIS SDS's & NFS information for the facility and updated those that were about to become out of date. J.H. |

Report Start Date: Jan 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 5747*
 Work Order Type: CALL,CAP,CORRE,EMER,OPER,PM
 Work Order Class:

| WO # | | Asset ID | Asset Description | Location/Description | Work Order | | PM Schedule | | Work Order Details | | Work Order Detail | |
|------|-------------------|-----------|-------------------|---|------------|-----------------|------------------|------------------|--------------------|--|-------------------|---|
| Type | Class | Frequency | Units | Work Order Description | Status | Schedule Start | Actual Start | Actual Finish | | | | |
| PM | Health and Safety | 1 | MONTHS | Health And Safety Inspection (1m) 5747 | CLOSE | 1/1/18 12:00 AM | 1/10/18 11:15 AM | 1/10/18 11:30 AM | | | | 5747 -10 Jan 2018. Performed the monthly Health & Safety inspection of the Wastewater collection & treatment facilities. The general condition of the facilities and equipment is good and the system is operating well. The inspection also included inspection of all the safety equipment at the Clarke Street sewage lift station building which houses the standby gas set and safety equipment. This included inspection of the first aid kit, emergency eye wash, chemical apron, chemical face shield, spill kit, chemical storage and secondary containment, safety signage bearing protection ear muffs, emergency lighting unit and the fire extinguisher. All safety equipment was found to be present and in good condition. J.H. |
| PM | Health and Safety | 1 | YEARS | Fire Protection System Inspection (1Y) 5747 | COMP | 6/1/18 12:00 AM | 11/7/18 08:15 AM | 11/7/18 09:30 AM | | | | Fire Protection System Inspection (1Y) 5747 -07 Nov 2018. Went to the facility with a technician from SPI who conducted an annual inspection of the fire protection system/fire extinguishers. J.H. |



Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL, CAP, CORR, EMER, OPER, PM
Work Order Class:

| Work Order | | | | PM Schedule | | Work Order Details | | | | Work Log Detail | | | | |
|------------|----------|---------------------|----------------------|-------------|-------------------|--------------------|--------|---|--------|-----------------|------------------|------------------|---------------|--|
| WO # | Asset ID | Asset Description | Location/Description | Type | Class | REQ | Units | Work Order Description | Status | Schedule Start | Schedule End | Actual Start | Actual Finish | Work Log Detail |
| 883181 | | 5747, Powassan WWTL | | PM | Health and Safety | 1 | MONTHS | Health And Safety Inspection (1m) 5747 | CLOSE | 8/1/18 12:00 AM | 8/21/18 02:07 PM | 8/21/18 02:07 PM | 5747 | Health And Safety: Inspection (1m) -15 Aug 2018, Vern Valliere p erformed the monthly Health & Safety inspection of the Wastewater collection & treatment facilities. The general condition of the facilities and equipment is good and the system is operating well. The inspection also included inspection of all the safety equipment at the Clarke Street sewage lift station building which houses the standby gen set and safety equipment. This included inspection of the first aid kit; emergency eye wash; chemical apron; chemical face shield; spill kit; chemical storage and secondary containment; safety signage hearing protection ear muffs; emergency lighting unit and the fire extinguisher. All safety equipment was found to be present and in good condition. |

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL,CAP,CORP,EMER,OPER,PM
Work Order Class:

| WO # | Asset ID | Location Description | Work Order | | PM Schedule | Work Order Details | | | Actuals | | Worklog Detail |
|--------|----------|----------------------|------------|-------------------|-------------|--------------------|-------|--------|-----------------|------------------|--|
| | | | Type | Class | | FEQ | Units | Status | Schedule Start | Schedule Stop | |
| 84761 | | 5747, Powassan WWTL | PM | Health and Safety | 1 | MONTHS | | CLOSE | 7/1/18 12:00 AM | 7/31/18 02:30 PM | Health And Safety Inspection (1m) 5747 -31 Jul 2018. Performed the monthly Health & Safety inspection of the Wastewater collection & treatment facilities. The general condition of the facilities and equipment is good and the system is operating well. The inspection also included inspection of all the safety equipment at the Clarke Street sewage lift station building which houses the standby generator and safety equipment. This included inspection of the first aid kit, emergency eye wash, chemical apron, chemical face shield, spill kit, chemical storage and secondary containment, safety signage hearing protection ear muffs, emergency lighting unit and the fire extinguisher. All safety equipment was found to be present and in good condition. J.H. |
| 841397 | | 5747, Powassan WWTL | OPER | Compliance | 1 | YEARS | | COMP | 6/1/18 12:00 AM | 1/3/19 11:02 AM | Facility Emergency Plan Review (1y) 5747 -The EEP binder for the Powassan WWTL Lagoon facility was reviewed early in the year and updated several times throughout the year as the PCT sent updates of contact list, contingencies and SOP's. The last updates were made to the binder on 07 Dec 2018. The binder is up-to-date. J.H. |

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL, CAP, CORR, EMER, OPER, PM
Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | WorkOrder | | PM Schedule | | WorkOrder Details | | | WorkLog Detail | |
|--------|----------|-----------------------------|----------------------|-----------|------------|-------------|--------|-------------------|------------------|-------------------|-------------------|--|
| | | | | Type | Class | FREQ | Units | Status | Schedule Start | Actual Start | Actual Finish | WorkLog Detail |
| 627312 | | 5747, Powassan WWTL Process | | CALL | Compliance | 0 | | CLOSE | | 1/12/18 04:00 AM | 1/12/18 05:00 AM | Clarke st SPS High Level alarm @ 0406 arrived at 0420 found both pumps running. Checked wet well 10' from overflow, not by passing. Stopped back by at 0700 pumps back to normal operation. TF Jan 12/18 Clarke st SPS high level alarm update -This alarm was an actual event due to the amount of rainfall received the night before. Sewage levels were below the bypass. TF Jan 12/18 |
| 958462 | | 5747, Powassan WWTL | | OPER | Compliance | 1 | MONTHS | CLOSE | 10/1/18 12:00 AM | 10/10/18 02:00 PM | 10/10/18 03:00 PM | WISKI Review (Im) 5747 -10 Oct 2018. Entered the Sep 2018 PDM data and reviewed it to ensure it is complete. Checked and made sure the lab data uploads were made. JH |
| 924028 | | 5747, Powassan WWTL | | OPER | Compliance | 1 | MONTHS | CLOSE | 9/1/18 12:00 AM | 9/18/18 02:30 PM | 9/18/18 03:15 PM | WISKI Review (Im) 5747 -18 Sep 2018. Entered the Aug 2018 PDM data and reviewed it to ensure it is complete. Checked and made sure the lab data uploads were made. JH |
| 886420 | | 5747, Powassan WWTL | | OPER | Compliance | 1 | MONTHS | CLOSE | 8/1/18 12:00 AM | 9/18/18 04:38 PM | 9/18/18 04:38 PM | WISKI Review (Im) 5747 -04 Aug 2018. Entered the Jul 2018 PDM data and reviewed it to ensure it is complete. Checked and made sure the lab data uploads were made. JH |
| 848817 | | 5747, Powassan WWTL | | OPER | Compliance | 1 | MONTHS | CLOSE | 7/1/18 12:00 AM | 7/3/18 08:30 AM | 7/3/18 09:30 AM | WISKI Review (Im) 5747 -03 Jul 2018. Entered the Jun 2017 PDM data and reviewed it to ensure it was correct and complete. Checked and made sure the lab data auto uploads were made. JH |

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Work Order | | PM Schedule | | Work Order Details | | | Work Order Detail |
|--------|----------|---------------------|----------------------|------------|------------|-------------|--------|--------------------|-----------------|------------------|---|
| | | | | Type | Class | REQ | Units | Status | Schedule Start | Actual Start | |
| 808712 | | 5747, Powassan WWTL | | OPER | Compliance | 1 | MONTHS | CLOSE | 6/1/18 12:00 AM | 9/18/18 04:32 PM | WISKI Review (Im) 5747 -04 Jun 2018. Entered the May 2018 PDM data and reviewed it to ensure it is complete. Checked and made sure the lab data uploads were made. JH |
| 768954 | | 5747, Powassan WWTL | | OPER | Compliance | 1 | MONTHS | CLOSE | 5/1/18 12:00 AM | 5/11/18 01:30 PM | WISKI Review (Im) 5747 -11 May 2018. Entered the Apr 2017 PDM data and reviewed it to ensure it is complete. Checked and made sure the lab data uploads were made. JH |
| 729922 | | 5747, Powassan WWTL | | OPER | Compliance | 1 | MONTHS | CLOSE | 4/1/18 12:00 AM | 4/4/18 08:00 AM | WISKI Review (Im) 5747 -04 Apr 2018. Entered the March 2016 PDM data and then reviewed the entered data to ensure it is complete. Checked and made sure the lab data uploads were made. JH |
| 689678 | | 5747, Powassan WWTL | | OPER | Compliance | 1 | MONTHS | CLOSE | 3/1/18 12:00 AM | 3/2/18 03:00 PM | WISKI Review (Im) 5747 -02 Mar 2018. Entered the Feb 2018 PDM data and reviewed it to ensure it is complete. Checked and made sure the lab data uploads were made. JH |
| 652483 | | 5747, Powassan WWTL | | OPER | Compliance | 1 | MONTHS | CLOSE | 2/1/18 12:00 AM | 2/2/18 07:30 AM | WISKI Review (Im) 5747 -02 Feb 2018. Entered the Jan 2018 PDM data and reviewed it to ensure it is complete. Checked and made sure the lab data uploads were made. JH |
| 612374 | | 5747, Powassan WWTL | | OPER | Compliance | 1 | MONTHS | CLOSE | 1/1/18 12:00 AM | 1/5/18 01:00 PM | WISKI Review (Im) 5747 -05 Jan 2018. Entered the Jan 2018 PDM data and reviewed it to ensure it was correct and complete. Checked and made sure the lab data auto uploads were made. JH |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
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Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Work Order | | PM Schedule | | Work Order Details | | | Work Log Detail | |
|---------|----------|--------------------------------------|----------------------|------------|------------|-------------|--------|--------------------|------------------|------------------|------------------|--|
| | | | | DPS | Class | REQ | Units | Status | Schedule Start | Actual Start | Actual Finish | Work Log Detail |
| 1041706 | | 5747, Powassan WWTL | | OPER | Compliance | 1 | MONTHS | COMP | 12/1/18 12:00 AM | 12/6/18 08:45 AM | 12/7/18 02:30 PM | WISKI Review (Im) 5747 -06 Dec 2018. Entered Nov 2018 PDM WISKI data. JH. |
| 1005231 | | 5747, Powassan WWTL | | OPER | Compliance | 1 | MONTHS | COMP | 1/1/18 12:00 AM | 1/3/19 02:34 PM | 1/3/19 02:34 PM | WISKI Review (Im) 5747 -07 Dec 2018. Entered PDM Wiski data for Nov 2018. JH. |
| 780978 | | Powassan Wastewater Treatment Lagoon | | OPER | Compliance | 0 | | CLOSE | | 7/24/18 03:40 PM | 7/24/18 03:40 PM | WISKI Review (Im) 5747 -01 Nov 2018. Entered the Nov 2018 PDM data and reviewed it to ensure it is complete. Checked and made sure the lab data uploads were made. JH Powassan Spring 2018 Lagoon Treatment -This work order is for the Spring 2018 lagoon treatment in Powassan. Powassan Spring 2018 Lagoon Treatment -On Tuesday May 15, 2018 Don Michaud and Tim Fraser treated Powassan North Cell with 1800 Imp/ Gal. and South Cell with 1200 Imp/ Gal of Ferric Sulphate. |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
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Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| Work Order | | | | APM Schedule | | Workorder Details | | | | Work Log Detail | | | |
|------------|----------|--------------------------------------|----------------------|--------------|------------|-------------------|---------|---|--------|------------------|------------------|---------------|--|
| WO # | Asset ID | Asset Description | Location Description | Type | Class | REQ | Urgency | Work Order Description | Status | Schedule Start | Actual Start | Actual Finish | Work Log Detail |
| 780492 | | 5747, Clark SPS, Process | | CALL | Compliance | 0 | | High level alarm Powassan clarks st 5747 | CLOSE | 5/4/18 05:15 PM | 5/4/18 08:45 PM | | High level alarm Powassan clarks st 5747 - Called by true steel at 1716 for high level alarm, arrived at 1735, found both pumps running. Wet well level 3' from overflow and rising. Creek level has back flow sealed, put c22 pucks in cage to overflow, wet well level bypassing at 1816, overcoming closed flap. Notified SAC, Jonathon Kowha incident # 902222. Called Health Unit spoke with Simone Resende. Collected bypass samples 2 per 500 and 1 barrel. Called near north after hours number to drop off samples, fax environment canada and SAC. Tried reviewing wonder ware to monitor levels remotely, wonderware not responding. Continued to monitor until level was below overflow at 0730 on the 5 of May, contacted SAC, Health unit and environment Canada. |
| 626820 | | 5747, Clark SPS | | CALL | Inspection | 0 | | 5747 Powassan Clark Street SPS High Level Alarm | CLOSE | 1/1/18 09:30 AM | 1/1/18 09:45 AM | | Powassan Clark Street SPS High Level Alarm -Received multiple High Level Alarms briefly occurring followed by system restore. No further issues. |
| 722125 | | 5747, Clark SPS | | CALL | Inspection | 0 | | 5747 Powassan Clark st SPS high level | CLOSE | 4/17/18 01:45 AM | 4/17/18 02:30 AM | | Clark st sps high level alarm -Called by true steel for a high level alarm at 0144, arrived at 0200 found wet well level 16' from overflow, 1 pump running and cycling normally. TF April 17/18 |
| 626822 | | Powassan Wastewater Treatment Lagoon | | CALL | Inspection | 0 | | 5747 Powassan Clark Street SPS High Level Alarm | CLOSE | 1/2/18 02:45 AM | 1/2/18 03:00 AM | | Powassan Clark Street SPS High Level Alarm -Received a High Level Alarm for the Clark Street SPS with system restore. No further issues. |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM

Report End Date: Dec 31, 2018 11:59 PM

Location: 5747*

Work Order Type: CALL,CAP,CORR,EMER,OPER,PM

Work Order Class:

| Work Order | | | | APM Schedule | | Work Order Details | | | | Work Log Detail | | | |
|------------|----------|---------------------------|----------------------|--------------|------------|--------------------|--------|---|--------|-----------------|------------------|------------------|---|
| WO # | Asset ID | Asset Description | Location Description | Type | Class | REQ | Units | Work Order Description | Status | Schedule Start | Actual Start | Actual Finish | Work Log Detail |
| 771740 | | 5747, Clark SPS, Facility | | CALL | Inspection | 0 | | 5747 Povassan Clark Street SPS High Level Alarm | CLOSE | | 4/25/18 10:00 AM | 4/26/18 05:00 AM | Povassan Clark Street SPS High Level Alarm -Received High Level Alarm during high precipitation period. Reviewed Wondervue for Station Level. Contacted Operator John Hemmingway regarding system issue. John Hemmingway performed two site visits to assess and record observations. Travelled to station at approximately 1800 hours with Wet Well Level at 9.87 metres and both Pumps operating 1575 L/min. Travelled back to station at approximately 0015 hours the following morning with Wet Well Level at 8.4 metres and both Pumps operating at 1500 L/min. System level eventually restored with no Overflow event taking place. |
| 649462 | | 5747, Povassan WWTL | | PM | Inspection | 1 | MONTHS | TPM Inspection/Maintenance (1m) 5747 | CLOSE | 2/1/18 12:00 AM | 2/13/18 10:00 AM | 2/13/18 12:15 PM | TPM Inspection/Maintenance (1m) 5747 -13 Feb 2018. Performed the Feb 2018 monthly TPM inspection of the Wastewater facility. The Lift Station submersible pump TPM inspections are also covered off on the weekly visits to these sewage lift stations where the pumps are operated and the flow outputs of the pump recorded. While the pumps are being operated I listen for abnormal noises or vibration. No issues with the pumps identified in this TPM inspection or regular inspections during the month J.H. |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Type | Class | PM Schedule | | | Workorder Details | | | | Workorder Detail | |
|--------|----------|-------------------|----------------------|------|------------|-------------|-------|--------|-------------------|------------------|------------------|-------------------|------------------|--|
| | | | | | | FREQ | Units | Months | Status | Schedule | Actual Start | Actual Finish | WO # | Description |
| 963519 | | | 5747, Powassan WWTL | PM | Inspection | 1 | | MONTHS | COMP | 10/1/18 12:00 AM | 10/7/18 09:15 AM | 10/17/18 11:15 AM | 5747 | TPM Inspection/Maintenance (1m) -17 Oct 2018. Performed the monthly TPM inspection of the Wastewater facility. The lift station submersible pump TPM inspections are also covered off on the weekly visits to these sewage lift stations where the pumps are operated and the flow outputs of the pump recorded. While the pumps are being operated I listen for abnormal noises or vibration. No issues with the pumps identified in this TPM inspection or regular inspections during the month of Oct 2018. J.H. |
| 921335 | | | 5747, Powassan WWTL | PM | Inspection | 1 | | MONTHS | CLOSE | 9/1/18 12:00 AM | 9/14/18 12:45 PM | 9/14/18 02:45 PM | 5747 | TPM Inspection/Maintenance (1m) -14 Sep 2018. Performed the monthly TPM inspection of the Wastewater facility. The lift station submersible pump TPM inspections are also covered off on the weekly visits to these sewage lift stations where the pumps are operated and the flow outputs of the pump recorded. While the pumps are being operated I listen for abnormal noises or vibration. No issues with the pumps identified in this TPM inspection or regular inspections during the month of Sep 2018. J.H. |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 5747*
 Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
 Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Type | Class | Work Order | | PM Schedule | | Work Order Details | | | Work Order Detail |
|---|----------|-------------------|----------------------|------|------------|------------|--------|-------------|-------|--------------------|-----------------|------------------|-------------------|
| | | | | | | WO# | Class | REQ | Units | Status | Schedule Start | Actual Start | |
| 921340 | | | 5747, Powassan WWTL | PM | Inspection | 1 | MONTHS | | | CLOSE | 9/1/18 12:00 AM | 9/14/18 12:45 PM | 9/14/18 01:15 PM |
| Critical Alarm/Dialer Testing (1m) 5747 -14 Sep 2018. Performed the monthly Critical Alarm/Dialer Testing. At 12:48 hours I shut off both lift station pumps to allow the station well level to rise and trigger the Millitronic ultra sonic level sensor high level alarm set point. This occurred at 12:58 hours. The pumps were switched back into auto mode at this point. At 13:01 hours the on-call operator D. Alice called to say he had received notification for a high level alarm for the Powassan Clark Street Lift Station from the True Steel Alarm Monitoring Service. By 13:07 hours the station well level had returned to its normal operating range and the high level alarm light at the station had gone off. At 13:10 both station pumps shut off in auto mode. J.H. | | | | | | | | | | | | | |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL_CAP_CORR_EMER_OPER_PM
Work Order Class:

| WO # | | Asset ID | | Asset Description | | Location Description | | Work Order Type | | Work Order Class | | PM Schedule | | Work Order Description | | Status | | Schedule Start | | Actual Start | | Actual Finish | | Working Detail | |
|--------|--|----------|--|-------------------|--|----------------------|--|-----------------|--|------------------|--|-------------|--|--|--|--------|--|------------------|--|------------------|--|------------------|--|---|--|
| WO # | | Asset ID | | Asset Description | | Location Description | | Type | | Class | | PM Schedule | | Work Order Description | | Status | | Schedule Start | | Actual Start | | Actual Finish | | Working Detail | |
| 953524 | | | | | | 5747, Powassan WWTL | | PM | | Inspection | | 1 MONTHS | | Critical Alarm/Dialer Testing (1m) 5747 | | CLOSE | | 10/1/18 12:00 AM | | 10/5/18 01:00 PM | | 10/5/18 01:43 PM | | Critical Alarm/Dialer Testing (1m) 5747 205 Oct 2018. Checked the Clarifier Street sewage lift station high level alarm. Switched both station pumps off at 13:12 hrs to let the station well level rise to test the station high well level alarm. At 13:27 hrs the station high well level flashing light came on. At 13:31 hrs the on-call operator D. Aljoe called me and stated that the True Steel Alarm Monitoring Service had called confirmed receiving the alarm. Switched both station pumps back into auto mode at 13:33 hrs and they both came on. At 13:35 hrs the station high alarm light went out and at 13:42 hrs both pumps shut off in auto mode. This confirms the critical high level alarm at this critical high flow station is working and the dialer to the monitoring service is also working. J.H. | |

Workorder Summary Report

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Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Work Order | | PM Schedule | | Work Order Details | | Actual | | Work Log Detail |
|--------|----------|-------------------|----------------------|------------|------------|-------------|--------|--------------------|-----------------|-----------------|-----------------|---|
| | | | | Type | Class | FREQ | Units | Status | Schedule | Start | End | |
| 645472 | | | 5747, Powassan WWTL | PM | Inspection | 1 | MONTHS | CLOSE | 2/1/18 12:00 AM | 2/9/18 12:30 PM | 2/9/18 01:00 PM | <p>Critical Alarm/Dialer Testing (Im) 5747</p> <p>-09 Feb 2018. Performed the Feb 2018 monthly Critical Alarm/Dialer Testing at the Clark Street sewage lift station. Switched both station pumps off at 12:28 hours to let the station well level rise to test the station high well level alarm. At 12:36 hours the station high well level flashing light came on. At 12:41 hours I was contacted by T Fraser the on-call operator who told me that True Steel Alarm Monitoring Service had just called stating they receiving a high well level alarm for the Clark St. sewage lift station. Switched both station pumps back in auto mode at 12:38 hours and they both came on. At 12:43 hours the station high alarm light went out and at 12:46 hours both pumps shut off. This test confirms the critical high level alarm at this critical high flow station is working and the dialer to the monitoring service is are working JH</p> |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| Work Order | | | Work Order Details | | | Work Order Details | | | | | | | |
|------------|----------|----------------------|--------------------|------------|-------------|--------------------|--------|--|--------|-----------------|------------------|------------------|--|
| WO # | Asset ID | Location Description | Type | Class | PM Schedule | REQ | Unit | Work Order Description | Status | Schedule Start | Actual Start | Actual Finish | Work Order Detail |
| 765052 | | 5747, Powassan WWTL | PM | Inspection | | 1 | MONTHS | TPM Inspection/Maintenance (1m) 5747 | CLOSE | 5/1/18 12:00 AM | 5/29/18 11:57 AM | 5/29/18 11:57 AM | TPM Inspection/Maintenance (1m) 5747 -14 May 2018. Performed the monthly TPM inspection of the wastewater facility. The lift station submersible pump TPM inspections are also covered off on the weekly visits to these sewage lift stations where the pumps are operated and the flow output of the pump recorded. While the pumps are being operated I listen for abnormal noises or vibration. No issues with the pumps identified in this TPM inspection or regular inspections during the month of May 2018. J.H. |
| 765057 | | 5747, Powassan WWTL | PM | Inspection | | 1 | MONTHS | Critical Alarm/Dialer Testing (1m) 5747 | CLOSE | 5/1/18 12:00 AM | 5/23/18 09:30 AM | 5/23/18 10:00 AM | Critical Alarm/Dialer Testing (1m) 5747 -23 May 2018. Performed the monthly Critical Alarm/Dialer Testing. At 09:30 hours I shut off both lift station pumps to allow the station well level to rise and trigger the Milwaukee ultra sonic level sensor high level alarm set point. This occurred at 09:30 hours. The pumps were switched back into auto mode at this point. Shortly after I contacted True Steel Alarm Monitoring Service and they confirmed receiving the alarm and were in the process of calling it out to the on-call operator. By 09:48 hours the station well level had returned to its normal operating range and the high level alarm light at the station had gone off. J.H. |

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Type | Work Order Class | PM Schedule | PM Schedule Units | Work Order Description | Status | Schedule Start | Actual Start | Actual Finish | Work Log Detail |
|--------|----------|---------------------|----------------------|------|------------------|-------------|-------------------|---|--------|------------------|------------------|-----------------|--|
| 628617 | | 5747, Powassan WWTL | | CALL | Inspection | 0 | | 5747 Powassan Clark Street SPS High Level Alarm | CLOSE | 1/17/18 08:00 PM | 1/17/18 08:15 PM | | <p>Powassan Clark Street SPS High Level Alarm</p> <p>-Received a High Level Alarm for Clark Street SPS with system restore following event. No further action required at time of occurrence.</p> <p>5747 Powassan Clark Street SPS High Level Alarm</p> <p>-Check high level alarm issues generated from two floats wired in parallel in the existing client owned pump panel. Outpost panel wiring does not control or do alarming at this location. Suspect one of the two floats are faulty and causing intermittent high level alarms. Floats should be changed and a new level control system installed (ballfloat) inside the building once the ground is thawed.</p> <p>Critical Alarm/Dialer Testing (1m) 5747</p> <p>-07 Mar 2018: Performed the monthly Critical Alarm/Dialer Testing At 10:30 hours I shut off both lift station pumps to allow the station well level to rise and trigger the Milltronics ultra sonic level sensor high level alarm set point. This occurred at 10:36 hours. The pumps were switched back into auto mode at this point. At 10:39 hours the on-call operator D. Aljee called to say he had received notification for a high level alarm for the Powassan Clark Street Lift Station from the True Steel Alarm Monitoring Service. By 10:45 hours the station well level had returned to its normal operating range and the high level alarm light at the station had gone off. J.H.</p> |
| 685762 | | 5747, Powassan WWTL | | PM | Inspection | 1 | MONTHS | Critical Alarm/Dialer Testing (1m) 5747 | CLOSE | 3/1/18 12:00 AM | 3/7/18 10:00 AM | 3/7/18 10:30 AM | |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| WO # | | Asset ID | Asset Description | Location Description | Work Order Type | Class | PM Schedule | Work Order Description | Status | Schedule Start | Actual Start | Actual Finish | Work Log Detail |
|--------|--|----------|-------------------|----------------------|-----------------|------------|-------------|---|--------|-----------------|------------------|------------------|--|
| 724723 | | | | 5747, Potvassan WWTL | PM | Inspection | 1 MONTHS | TPM Inspection/Maintenance (1m) 5747 | CLOSE | 4/1/18 12:00 AM | 5/14/18 09:15 AM | 5/14/18 10:30 AM | TPM Inspection/Maintenance (1m) 5747 -14 May 2018: Performed the monthly TPM inspection of the Wastewater facility. The lift station submersible pump TPM inspections are also covered off on the weekly visits to these sewage lift stations where the pumps are operated and the flow outputs of the pump recorded. While the pumps are being operated I listen for abnormal noises or vibration. No issues with the pumps identified in this TPM inspection or regular inspections during the month of May 2018. J.H. |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 5747*
 Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
 Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Work Order | | PM Schedule | | Work Order Details | | | Work Log Detail | |
|--------|----------|----------------------|----------------------|------------|------------|-------------|--------|--------------------|-----------------|------------------|------------------|---|
| | | | | Type | Class | FREQ | Units | Status | Schedule | Actual Start | Actual Finish | |
| 724728 | | 5747, Potvassan WWTL | | PM | Inspection | 1 | MONTHS | CLOSE | 4/1/18 12:00 AM | 4/13/18 01:00 PM | 4/13/18 01:30 PM | <p>Critical Alarm/Dialer Testing (1m) 5747</p> <p>-13 Apr 2018. Performed the monthly Critical Alarm/Dialer Testing for the month of APR 2018 at the Clark Street sewage lift station. Switched both station pumps off at 13:05 hours to let the station high level rise to test the station high well level alarm. At 13:13 hours the station high well level flashing light came on. At 13:15 hours I was contacted by D Aljoe the on-call operator who told me that True Steel Alarm Monitoring Service had just called stating they receiving a high well level alarm for the Clark St. sewage lift station. Switched both station pumps back in auto mode at 13:17 hours and they both came on. At 13:21 hours the station high alarm light went out and at 13:24 hours both pumps shut off. This test confirms the critical high level alarm at this critical high flow station is working and the dialer to the monitoring service is are working. JH.</p> |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 5747*
 Work Order Type: CALL,CAP,CORREMER,OPER,PM
 Work Order Class:

| Work Order | | Work Order Details | | Work Order Details | | Work Order Details | |
|------------|----------|--------------------|----------------------|--------------------|------------|---------------------------------|--|
| WO # | Asset ID | Asset Description | Location Description | Type | Class | PMO | TPM Schedule |
| 665755 | | | 5747, Potomac WWTL | PM | Inspection | 1 | MONTHS |
| | | | | | | TPM Inspection/Maintenance (1m) | 5747 |
| | | | | | | Status | CLOSE |
| | | | | | | Schedule Start | 3/1/18 12:00 AM |
| | | | | | | Actual Start | 3/14/18 11:00 AM |
| | | | | | | Actual Finish | 4/23/18 11:45 AM |
| | | | | | | Work Order Detail | TPM Inspection/Maintenance (1m) 5747 -14 Mar 2018. Performed the monthly TPM inspection of the Wastewater facility. The lift station submersible pump TPM inspections are also covered off on the weekly visits to these sewage lift stations where the pumps are operated and the flow outputs of the pump recorded. While the pumps are being operated I listen for abnormal noises or vibration. No issues with the pumps identified in this TPM inspection or regular inspections during the month of Mar 2018. J.H. TPM Inspection/Maintenance (1m) 5747 -23 Apr 2018. Performed the monthly TPM inspection of the Wastewater facility. The lift station submersible pump TPM inspections are also covered off on the weekly visits to these sewage lift stations where the pumps are operated and the flow outputs of the pump recorded. While the pumps are being operated I listen for abnormal noises or vibration. No issues with the pumps identified in this TPM inspection or regular inspections during the month of Apr 2018. J.H. |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description | Location ID/Description | Work Order | | PM Schedule | | Work Order Details | | | Work Order Description |
|--------|----------|-------------------|-------------------------|------------|------------|-------------|--------|--------------------|-----------------|------------------|---|
| | | | | Type | Class | REQ | Units | Status | Schedule Start | Actual Start | |
| 60019 | | | 5747, Powassan WWTL | OPER | Inspection | 1 | YEARS | COMP | 1/1/18 12:00 AM | 1/3/19 10:42 AM | Daily O&M Activities (1y) 5747 -09/07/18 Powassan Lagoon overflow chamber inspection. 2hrs Daily O&M Activities (1y) 5747 -10/07/18 Powassan Lagoon Drove to site with service trailer, used genset and 2" submersible to pump out equalization valve chamber, then began work on North cell. Discharge chamber valves. Valves are again complete with new hardware and rebuilt handles. 8hrs Daily O&M Activities (1y) 5747 -on site to perform a confined space entry to complete annual flow meter inspection. Meter is operating within parameters to be deemed accurate. Lagoon Old Inspection (1y) 5747 -03 Jan 2019. The 2018 Daily O & M Activities Annual Work Order closed. No longer required. J.H. |
| 600151 | | | 5747, Powassan WWTL | PM | Inspection | 1 | MONTHS | CLOSE | 1/1/18 12:00 AM | 1/25/18 08:45 AM | TPM Inspection/Maintenance (1m) 5747 -25 Jan 2018. Performed the Jan 2018 monthly TPM inspection of the Wastewater facility. The lift station submersible pump TPM inspections are also covered off on the weekly visits to these sewage lift stations where the pumps are operated and the flow outputs of the pump recorded. While the pumps are being operated I listen for abnormal noises or vibration. No issues with the pumps identified in this TPM inspection or regular inspections during the during this month. J.H. |

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Work Order Type | Work Order Class | PM Schedule | PM Units | Work Order Description | Status | Schedule Start | Actual Start | Actual Finish | Work Order Detail |
|---------|----------|-------------------|----------------------|-----------------|------------------|-------------|----------|--|--------|------------------|-------------------|-------------------|---|
| 509188 | | | 5747, Powassan WWTL | PM | Inspection | 1 MONTHS | 1 | Critical Alarm/Diater Testing (1m) 5747 | CLOSE | 1/1/18 12:00 AM | 1/25/18 09:00 AM | 1/25/18 09:30 AM | Critical Alarm/Diater Testing (1m) 5747 -25 Jan 2018. Performed the Jan 2018 monthly Critical Alarm/Diater Testing at the Clark Street sewage lift station. Switched both station pumps off at 09:01hrs to let the station well level rise to test the station high well level alarm. At 09:10hrs the station high well level flashing light came on. At 09:13 hrs I was contacted by T Fraser the on-call operator who told me that True Steel Alarm Monitoring Service had just called stating they receiving a high well level alarm for the Clark St. sewage lift station. Switched both station pumps back in auto mode at 09:13 hrs and they both came on. At 09:14 hrs the station high alarm light went out and at 09:20 hrs. both pumps shut off. This test confirms the critical high level alarm at this critical high flow station is working and the diater to the monitoring service is are working. J.H. TPM Inspection/Maintenance (1m) 5747 -12 Dec 2018. Performed the monthly TPM inspection of the wastewater facility. The lift station submersible pump TPM inspections are also covered off on the weekly visits to these sewage lift stations where the pumps are operated and the flow outputs of the pump recorded. While the pumps are being operated I listen for abnormal noises or vibration. No issues with the pumps identified in this TPM inspection or regular inspections during the month of Dec 2018. J.H. |
| 1039049 | | | 5747, Powassan WWTL | PM | Inspection | 1 MONTHS | 1 | TPM Inspection/Maintenance (1m) 5747 | COMP | 12/1/18 12:00 AM | 12/12/18 09:45 AM | 12/12/18 11:15 AM | TPM Inspection/Maintenance (1m) 5747 -12 Dec 2018. Performed the monthly TPM inspection of the wastewater facility. The lift station submersible pump TPM inspections are also covered off on the weekly visits to these sewage lift stations where the pumps are operated and the flow outputs of the pump recorded. While the pumps are being operated I listen for abnormal noises or vibration. No issues with the pumps identified in this TPM inspection or regular inspections during the month of Dec 2018. J.H. |

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description | Location/Description | Work Order | | PM Scheduling | | Work Order Details | | | | Work Order Description |
|---------|----------|---------------------|----------------------|------------|------------|---------------|--------|--------------------|------------------|-------------------|-------------------|--|
| | | | | Type | Class | REQ | Units | Stamps | Schedule Start | Actual Start | Actual Finish | |
| 1039054 | | 5747, Powassan WWTL | | PM | Inspection | 1 | MONTHS | COMP | 12/1/18 12:00 AM | 12/17/18 11:45 AM | 12/17/18 12:15 PM | Critical Alarm/Dialer Testing (1m) 5747 -17 Dec 2018. Checked the Clark Street sewage lift station critical high level alarm. Switched both station pumps off at 11:51 hrs to let the station well level rise to test the station high well level alarm. At 11:58 hrs the station high well level flashing light came on. At 12:02 hrs the on-call operator D. Aljoe I contacted me to say True Steel Alarm Monitoring Service had contacted him to say they were receiving the alarm. Switched both station pumps back into auto mode at 12:02 hrs and they both came on. At 12:06 hrs the station high alarm light went out and both pumps shut off. This confirms the critical high level alarm at this critical high flow station is working and the dialer to the monitoring service is also working. J.H. |
| 685639 | | 5747, Powassan WWTL | | PM | Inspection | 1 | YEARS | COMP | 3/1/18 12:00 AM | 10/26/18 10:45 AM | 10/26/18 11:45 AM | Electrical Equipment Inspection/Service (y) 5747 -26 Oct 2018. Facilitated an inspector from the Electrical Safety Authority to conduct annual electrical inspections of the St. Gregory and the Clark Street Sewage Lift Stations. J.H. |

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description | Location/Description | Work Order | | PM Schedule | | Work Order Details | | | | Work Log Detail |
|--------|----------|-------------------|----------------------|------------|------------|-------------|--------|--------------------|-----------------|------------------|------------------|---|
| | | | | Type | Class | EO | Units | Status | Schedule Start | Actual Start | Actual Finish | |
| 80463 | | | 5747, Powassan WWTL | PM | Inspection | 1 | MONTHS | CLOSE | 6/1/18 12:00 AM | 7/13/18 11:30 AM | 7/13/18 12:00 PM | Critical Alarm/Dialer Testing (1m) 5747 -13 Jul 2018. Performed the monthly Critical Alarm/Dialer Testing. At 11:30 hours I shut off both lift station pumps to allow the station well level to rise and trigger the Miltronic ultra sonic level sensor high level alarm set point. This occurred at 10:41 hours. The pumps were switched back into auto mode at this point. At 11:46 hours True Steel was called and confirmed had received notification for a high b level alarm for the Powassan Clark Street Lift Station from the True Steel Alarm Monitoring Service. By 10:56 hours the station well level had returned to its normal operating range and the high level alarm light at the station had gone off. J.H. |
| 883192 | | | 5747, Powassan WWTL | PM | Inspection | 1 | MONTHS | CLOSE | 8/1/18 12:00 AM | 8/24/18 10:45 AM | 8/24/18 11:30 AM | TPM Inspection/Maintenance (1m) 5747 -24 Aug 2018. Performed the monthly TPM inspection of the Wastewater facility. The lift station submersible pump TPM inspections are also covered off on the weekly visits to these sewage lift stations where the pumps are operated and the flow outputs of the pump recorded. While the pumps are being operated I listen for abnormal noises or vibration. No issues with the pumps identified in this TPM inspection or regular inspections during the month of Mar 2018. J.H. |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| Work Order | | | PM Schedule | | Work Order Details | | | | Work Log Detail | | | | |
|------------|----------|----------------------|-------------|------------|--------------------|--------|--|--------|-----------------|------------------|------------------|------------|--|
| WO # | Asset ID | Location/Description | Type | Class | FEQ | Units | Work Order Description | Status | Schedule Start | Schedule End | Actual Start | Actual End | Work Log Detail |
| 883197 | | 5747, Powassan WWTL | PM | Inspection | 1 | MONTHS | Critical Alarm/Dialer Testing (Im) 5747 | CLOSE | 8/1/18 12:00 AM | 8/24/18 08:30 AM | 8/24/18 09:15 AM | | Critical Alarm/Dialer Testing (Im) 5747 -24 Aug 2018. Performed the monthly inspection Clark Street Lift Station natural gas standby gas set and the monthly test run. The inspection included checking the oil and fuel levels, checking for any leak, checking the battery and battery charger. All were found to be at proper levels and no leaks were found. The unit started and ran well. The unit was run for approximately 20 minutes. The total hours at the start of the test run were 273.3 hrs and at the end of the test run were 273.6 hrs. J.H. |
| 8804454 | | 5747, Powassan WWTL | PM | Inspection | 1 | MONTHS | TPM Inspection/Maintenance (Im) 5747 | CLOSE | 6/1/18 12:00 AM | 6/20/18 01:15 PM | 6/20/18 01:45 PM | | TPM Inspection/Maintenance (Im) 5747 -20 Jun 2018. Performed the monthly TPM inspection of the Wastewater facility. The lift station submersible pump TPM inspections are also covered off on the weekly visits to these sewage lift stations where the pumps are operated and the flow outputs of the pump recorded. While the pumps are being operated I listen for abnormal noises or vibration. On today's inspection it was noted that the hour meter for pump #2 at the St Gregory sewage lift station is not advancing and the pump sounded noisy and the pumping rate was less than normal. This will be referred to the mechanical staff. No other issues were identified with the pumps I in this TPM inspection or regular inspections during the month of Jun 2018. J.H. |

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| Asset Information | | | | Work Order Details | | | PMIS Schedule | | Work Order Details | | |
|--|----------|---------------------|----------------------|--|------------|-----|---------------|--|--------------------|-------------------|-------------------|
| WO # | Asset ID | Asset Description | Location/Description | Type | Class | REQ | Units | Status | Schedule Start | Actual Start | Actual Finish |
| 1002465 | | 5747, Powassan WWTL | | PM | Inspection | 1 | MONTHS | COMP | 11/1/18 12:00 AM | 11/30/18 11:00 AM | 11/30/18 11:30 AM |
| | | | | TPM Inspection/Maintenance (1m) 5747 | | | | TPM Inspection/Maintenance (1m) 5747 | | | |
| <p>-30 Nov 2018. Performed the monthly TPM inspection of the Wastewater facility for the month of Nov 2018. The lift station submersible pump TPM inspections are also covered off on the weekly visits to these sewage lift stations where the pumps are operated and the flow outputs of the pump recorded. While the pumps are being operated I listen for abnormal noises or vibration. No issues with the pumps identified in this TPM inspection or regular inspections during the month of Nov 2018. J.H.</p> | | | | | | | | | | | |
| 1002470 | | 5747, Powassan WWTL | | PM | Inspection | 1 | MONTHS | COMP | 11/1/18 12:00 AM | 11/23/18 01:15 PM | 11/23/18 01:45 PM |
| | | | | Critical Alarm/Dialer Testing (1m) 5747 | | | | Critical Alarm/Dialer Testing (1m) 5747 | | | |
| <p>-23 Nov 2018. Performed the monthly Critical Alarm/Dialer Testing. At 13:32 hours I shut off both lift station pumps to allow the station well level to rise and trigger the Millitronic ultra sonic level sensor high level alarm set point. This occurred at 13:34 hours. The pumps were switched back into auto mode at this point. At 13:37 hours the on-call operator D. Aljoe called to say he had received notification for a high level alarm for the Powassan Clark Street Lift Station from the True Steel Alarm Monitoring Service. By 13:43 hours the station well level had returned to its normal operating range and the high level alarm light at the station had gone off. At 13:50 both station pumps shut off in auto mode. J.H.</p> | | | | | | | | | | | |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| WO # | | | | Asset ID | | Asset Description | | Location Description | | Work Order | | PM Schedule | | Work Order Detail | | | | Working Detail | |
|---|--|------------|--|----------|--|-------------------|--|--|--|------------|--|-----------------|--|-------------------|--|--|--|----------------|--|
| Type | | Class | | FPO | | Units | | Work Order Description | | Status | | Schedule | | Actual | | Actual | | | |
| PM | | Inspection | | 1 | | MONTHS | | Critical Alarm/Dialer Testing (1m) 5747 | | CLOSE | | 7/1/18 12:00 AM | | 7/31/18 02:30 PM | | Critical Alarm/Dialer Testing (1m) 5747 | | | |
| <p>-31 Jul 2018. Performed the Jul 2018 monthly Critical Alarm/Dialer Testing at the Clark Street sewage lift station. Switched both station pumps off at 14:28 hours to let the station well level rise to test the station high well level alarm. At 14:40 hours the station high well level flashing light came on. At 14:51 hours I was contacted by T Fraser the on-call operator who told me that True Steel Alarm Monitoring Service had just called stating they receiving a high well level alarm for the Clark St. sewage lift station. Switched both station pumps back in auto mode at 14:43 hours and they both came on. At 14:45 hours the station high alarm light went out and at 14:50 hours both pumps shut off. This test confirms the critical high level alarm at this critical high flow station is working and the dialer to the monitoring service is are working. J.H.</p> | | | | | | | | | | | | | | | | | | | |
| PM | | Inspection | | 1 | | MONTHS | | TPM Inspection/Maintenance (1m) 5747 | | CLOSE | | 7/1/18 12:00 AM | | 7/31/18 02:15 PM | | TPM Inspection/Maintenance (1m) 5747 | | | |
| <p>-31 Jul 2018. No issues with the pumps that would be noted in the TPM inspection were noted during the month of Jul 2018. The lift Station submersible pump TPM inspections are also covered off on the weekly visits to these sewage lift stations where the pumps are operated and the flow outputs of the pump recorded and while the pumps are being operated I listen for abnormal noises or vibration. J.H.</p> | | | | | | | | | | | | | | | | | | | |

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Type | Class | PM/Schedule | | Work Order Description | | Schedule | | Actual | | Work Log Detail |
|--------|----------|-------------------------------|----------------------|------|------------------------|-------------|-------|--|-------|----------|-----------------|-----------------|--------|---|
| | | | | | | REQ | Units | | | Status | Start | Start | Finish | |
| 897041 | | 5747, Futureview SPS, Process | | PM | Predictive Maintenance | 0 | | 5747 Powassan Wellhouse Discharge Header | CLOSE | | 8/2/18 08:30 AM | 8/2/18 02:15 PM | | 5747 Powassan Wellhouse Discharge Header -02 Aug 2018 Assisted with the isolation of the well house from the distribution system to facilitate the replacement of a rusty pipe nipple on the discharge header. Ensured the reservoir was topped up before the work began. Turned the well pumps off so they did not start while the well house was isolated from the distribution system. Monitored the reservoir level while the well house was off line, back flushed the discharge header when being put back on-line, put system back on-line when work completed. J.H. 5747 Powassan Wellhouse Discharge Header -02/07/18 Drive to Powassan well house to perform discharge header preventative maintenance. Removed old piping, old threads in header were no longer, so made a trip back to N. Bay to get proper tap drills and taps to oversize and tap new threads. Job went well with new 3/4"NPT Stainless nipple and ball valve. 5747 Powassan Wellhouse Discharge Header -02 Jul 2018 Discharge header preventative maintenance completed by Jon Seymour. Removed old piping nipple that was badly rusted and who's structural integrity was in doubt. When removed the old threads in header were not in good shape. Got proper tap drills and tags to oversize and tap new threads. Replace the old 1/2 inch steel pipe nipple with a new 3/4"NPT Stainless nipple and ball valve. Job Complete. J.H. |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Type | Work Order Class | REQ | PM Schedule | Work Order Details | | | | Work Log Detail |
|--------|----------|--------------------------------------|----------------------|------|--------------------------|-----|-------------|--------------------|-------------------|------------------|---------------|--|
| | | | | | | | | Status | Schedule Start | Actual Start | Actual Finish | |
| 941423 | | Powassan Wastewater Treatment Lagoon | | CAP | Predictive Maintenance | 0 | | CLOSE | 10/1/18 10:06 AM | 10/1/18 10:06 AM | | Powassan Fall 2018 Lagoon Treatment -Don Michaud and Tim Fraser treated Powassan South lagoon with 1-400 Imp/Gal and Powassan Old lagoon with 415 Imp/Gal. 5 Hours. |
| 782192 | | 5747, Clark SPS | | CAP | Refurbish/Replace/Repair | 0 | | CLOSE | 7/10/18 03:41 PM | 7/10/18 03:41 PM | | Lift station bypass valve replacement -Replace on-site flap valve at Clark Street lift station with Tidflex T12 Check Valve. |
| 981935 | | 5747, Fareview SPS | | CORR | Refurbish/Replace/Repair | 0 | | COMP | 10/17/18 02:23 PM | 1/3/19 10:53 AM | | 5747 fareview hour meter replacement -The faulty hour meter for pump #2 was replaced by instrument tech R. Hebert on 18 Oct 2018. J.H. |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| WO# | | Asset ID | Asset Description | Location Description | Work Order Type | Class | IBO | Units | Work Order Description | Status | Schedule Start | Actual Start | Actual Finish | Work Log Detail |
|--------|--|----------|--------------------|----------------------|-----------------|------------------------------|-----|-------|--|--------|-----------------|-----------------|---------------|---|
| 823326 | | | 5747, Fairview SPS | | CAP | Refurbish/ Replace/Repair | 0 | | Check valves for St Greys sps fairview 5747 | COMP | 1/3/19 02:39 PM | 1/3/19 02:39 PM | | <p>Clean Check valves for St Greys sps fairview 5747</p> <ul style="list-style-type: none"> - Pulled apart and cleaned check valves for St greys sps as flows from both pumps were coming back into station. Check valves should be replaced as seats are damaged. TF June 21/18 <p>Check valves for St Greys sps fairview 5747</p> <ul style="list-style-type: none"> -21/06/18 Performed pump inspection, both seemed fine but flow was still coming back to station, check valve issue suspected. After disassembly and inspection, both check valves have visible wear, but were cleaned and deemed partially functional and put back into operation. New checks were ordered 22/06/18 with a 3-4 wk delivery date. Also gaskets and hardware 3.5 hrs <p>Check valves for St Greys sps fairview 5747</p> <ul style="list-style-type: none"> -15/08/18 Travelled to Powassan, St Gregory's SLS to perform check valve upgrade. All old hardware was cut off and new valves installed. 5.5 hrs |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| Work Order | | Work Order Details | | Work Order Description | | Work Order Status | | Work Order Details | |
|------------|----------|---------------------------|----------------------|------------------------|------------------------------|-------------------|-------|-----------------------------------|---|
| WO # | Asset ID | Asset Description | Location Description | Type | Class | REQ | Units | Work Order Description | Work Order Details |
| 1052331 | | 5747, Clark SPS, Facility | | CALL | Refurbish/ Replace/Repair | 0 | | A/C fault alarm 5747 Clark st sps | A/C fault alarm 5747 Clark st sps -Received call at 2321 for ac power loss at 250 Clark from true steel arrived at 2330 no power to station, no generator running, tried starting genset turned over and sputtered but would not start. Called Vals equipment at 2334 Shawn in office to call Gary, checked wet well level 8' from overflow Gary called at 2339 said he would be over shortly. continued checking genset added oil to the safe mark still did not start. check wet well level 1210 6' from overflow, Gary onsite tried starting genset, checked fuses battery ok, noticed arc in spark plug wires to frame fixed temporarily genset still did not start. 0030 power back on put both pumps in hand wet well 1' from overflow. Went to wall house to check equipment there retrieved alarm for Clark st @ 0106 for expansion module low battery and with Gary, reset modern, ups appears to be failing reset breakers. Gary to take electrical plans to office to contact summers and find out why genset failed to start. Retrieved high level alarm at 0228 for Clark st while at wall house, checked wet well levels, below inflow pipes. transducer appears to be ok, checked suspect panel and pump panel, will continue to monitor remotely. TF Dec 3/18 |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Work Order Type | Work Order Class | PM/Schedule | HEQ | Units | Work Order Description | Status | Schedule Start | Actual Start | Actual Finish | Work Log Detail |
|--------|------------|---|---------------------------|-----------------|------------------------------|-------------|-----|-------|---|--------|-----------------|------------------|------------------|--|
| 757538 | 0000296003 | GENERATOR NATURAL GAS GENSET Clark Street | 5747, Clark SPS, Facility | PM | Refurbish/ Replace/Repair | 1 MONTHS | | | Diesel Generator Inspection/ Functional Test (1m) 5747 | CLOSE | 5/1/18 12:00 AM | 5/28/18 10:45 AM | 5/28/18 11:15 AM | Diesel Generator Inspection/ Functional Test (1m) 5747 -28 May 2018. Performed the monthly inspection Clark Street Lift Station natural gas standby gen set and the monthly test run. The inspection included checking the oil and fuel levels, checking for any leak, checking the battery and battery charger. All were found to be at proper levels and no leaks were found. The unit started and ran well. The unit was run for approximately 24 minutes. The total hours at the start of the test run were 254.4 hrs and at the end of the test run were 254.8 hrs. J.H. |
| 795931 | 0000296003 | GENERATOR NATURAL GAS GENSET Clark Street | 5747, Clark SPS, Facility | PM | Refurbish/ Replace/Repair | 1 MONTHS | | | Diesel Generator Inspection/ Functional Test (1m) 5747 | CLOSE | 6/1/18 12:00 AM | 6/20/18 01:45 PM | 6/20/18 02:15 PM | Diesel Generator Inspection/ Functional Test (1m) 5747 -20 Jun 2018. Performed the monthly inspection Clark Street Lift Station natural gas standby gen set and the monthly test run. The inspection included checking the oil and radiator levels, checking for any leaks, checking the battery and battery charger. All were found to be at proper levels and no leaks were found. The unit started and ran well. The unit was run for approximately 20 minutes. The total hours at the start of the test run were 256.6 hrs and at the end of the test run were 256.9 hrs. J.H. |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 5747*
 Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
 Work Order Class:

| Work Order | | | | PM Schedule | | Work Order Details | | | Work Order Detail | | |
|--|------------|---|---------------------------|-------------|------------------------------|--------------------|--------|--------|-------------------|------------------|------------------|
| WO # | Asset ID | Asset Description | Location/Description | Type | Class | REQ | Units | Status | Schedule Start | Actual Start | Actual Finish |
| 835892 | 0000296003 | GENERATOR NATURAL GAS GENSET Clark Street | 5747, Clark SPS, Facility | PM | Refurbish/ Replace/Repair | 1 | MONTHS | CLOSE | 7/1/18 12:00 AM | 7/31/18 02:30 PM | 7/31/18 03:00 PM |
| Diesel Generator Inspection/ Functional Test (1m) 5747 -31 Jul 2018. Performed the monthly inspection Clark Street Lift Station natural gas standby gen set and the monthly test run. The inspection included checking the oil and fuel levels, checking for any leaks, checking the battery and battery charger. All were found to be at proper levels and no leaks were found. The unit started and ran well for approximately 30 minutes. The total hours at the start of the test run were 270.1 hrs and at the end of the test run were 270.7 hrs. J.H. | | | | | | | | | | | |
| 642122 | 0000296003 | GENERATOR NATURAL GAS GENSET Clark Street | 5747, Clark SPS, Facility | PM | Refurbish/ Replace/Repair | 1 | MONTHS | CLOSE | 2/1/18 12:00 AM | 2/8/18 11:00 AM | 2/8/18 11:30 AM |
| Diesel Generator Inspection/ Functional Test (1m) 5747 -08 Feb 2018. Performed the monthly inspection Clark Street Lift Station natural gas standby gen set and the monthly test run. The inspection included checking the oil and fuel levels, checking for any leaks, checking the battery and battery charger. All were found to be at proper levels and no leaks were found. The unit started and ran well for approximately 20 minutes. The total hours at the start of the test run were 245.9 hrs and at the end of the test run were 246.2 hrs. J.H. | | | | | | | | | | | |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description - Location Description | Workorder | | PM Schedule | | Workorder Details | | | | WorkLog Detail |
|--------|------------|---|-----------|------------------------------|-------------|--------|-------------------|------------------|-------------------|-------------------|---|
| | | | Type | Class | PEO | Units | Status | Schedule Start | Actual Start | Actual Finish | |
| 912837 | 0000296003 | GENERATOR NATURAL GAS GENSET Clark Street | PM | Refurbish/ Replace/Repair | 1 | MONTHS | CLOSE | 9/1/18 12:00 AM | 9/19/18 11:00 AM | 9/19/18 11:45 AM | Diesel Generator Inspection/ Functional Test (1m) 5747 -19 Sep 2018. Performed the monthly inspection Clark Street Lift Station natural gas standby gen set and the monthly test run. The inspection included checking the oil and fuel levels, checking for any leaks, checking the battery and battery charger. All were found to be at proper levels and no leaks were found. The unit started and ran well. The unit was run for approximately 22 minutes. The total hours at the start of the test run were 274.1 hrs and at the end of the test run were 274.5 hrs. J.H. |
| 955731 | 0000296003 | GENERATOR NATURAL GAS GENSET Clark Street | PM | Refurbish/ Replace/Repair | 1 | MONTHS | COMP | 10/1/18 12:00 AM | 10/17/18 03:45 PM | 10/17/18 04:30 PM | Diesel Generator Inspection/ Functional Test (1m) 5747 -17 Oct 2018. The monthly test run of the Standby Gen Set was completed after the Gen Set annual service was performed which included changing the oil and fillers on the unit. The inspection included checking the oil and fuel levels, checking for any leaks, checking the battery and battery charger. All were found to be at proper levels and no leaks were found. The unit started and ran well. The unit was run for approximately 30 minutes. The total hours at the start of the test run were 276.8 hrs and at the end of the test run were 277.3 hrs. J.H. |



Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| WO # | | Asset ID | | Asset Description | | Location Description | | Work Order | | PM Schedule | | Work Order Details | | Actual | | Worklog Detail | |
|--------|--|------------|---|---------------------------|----|------------------------------|---|------------|--|-------------|-----------------|--------------------|------------------|------------------|--|----------------|---|
| | | | | | | | | Type | | Class | | Status | | Start | | End | |
| 875489 | | 0000296003 | GENERATOR NATURAL GAS GENSET Clark Street | 5747, Clark SPS, Facility | PM | Refurbish/ Replace/Repair | 1 | MONTHS | | CLOSE | 8/1/18 12:00 AM | 9/18/18 04:35 PM | 9/18/18 04:35 PM | 1/17/18 01:15 PM | | | Diesel Generator Inspection/ Functional Test (1m) 5747 -24 Aug 2018. Performed the monthly inspection Clark Street Lift Station natural gas standby gen set and the monthly test run. The inspection included checking the oil and fuel levels, checking for any leak, checking the battery and battery charger. All were found to be at proper levels and no leaks were found. The unit started and ran well. The unit was run for approximately 20 minutes. The total hours at the start of the test run were 273.3 hrs and at the end of the test run were 273.6 hrs. 1.H. |
| 597014 | | 0000296003 | GENERATOR NATURAL GAS GENSET Clark Street | 5747, Clark SPS, Facility | PM | Refurbish/ Replace/Repair | 1 | MONTHS | | CLOSE | 1/1/18 12:00 AM | 1/17/18 12:45 PM | 1/17/18 12:45 PM | 1/17/18 01:15 PM | | | Diesel Generator Inspection/ Functional Test (1m) 5747 -17 Jan 2018. Performed the monthly inspection Clark Street Lift Station natural gas standby gen set and the monthly test run. The inspection included checking the oil and fuel levels, checking for any leak, checking the battery and battery charger. All were found to be at proper levels and no leaks were found. The unit started and ran well. The unit was run for approximately 20 minutes. The total hours at the start of the test run were 244.3 hrs and at the end of the test run were 244.6 hrs. 1.H. |



Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| WO # | | Asset ID | | Asset Description | | Location Description | | Work Order Type | | Work Order Class | | Frequency | | Status | | Schedule | | Actual | | Worklog Detail | |
|---------|--|------------|--|---|--|---------------------------|--|-----------------|--|------------------------------|--|-----------|--------|--------|--|------------------|------------------|------------------|--|--|--|
| WO # | | Asset ID | | Asset Description | | Location Description | | Work Order Type | | Work Order Class | | Frequency | | Status | | Schedule | | Actual | | Worklog Detail | |
| 1030058 | | 0000296003 | | GENERATOR NATURAL GAS GENSET Clark Street | | 5747, Clark SPS, Facility | | PM | | Refurbish/ Replace/Repair | | 1 | MONTHS | COMP | | 12/1/18 12:00 AM | 12/4/18 11:15 AM | 12/4/18 11:30 AM | | Diesel Generator Inspection/ Functional Test (Im) 5747 -04 Dec 2018: Performed the monthly inspection Clark Street Lift Station natural gas standby gen set and the monthly test run. The inspection included checking the oil and fuel levels, checking for any leak, checking the battery charger. All were found to be at proper levels and no leaks were found. The unit did not start well but once started ran well. The unit was run for approximately 20 minutes. The total hours at the start of the test run were 280.3 hrs and at the end of the test run were 280.5 hrs. The starting problem will be further investigated and remediated. J.H. Diesel Generator Inspection/ Functional Test (Im) 5747 -17 Dec 2018: Performed the monthly inspection Clark Street Lift Station natural gas standby gen set and the monthly test run for Dec 2018. The inspection included checking the oil and fuel levels, checking for any leak, checking the battery and battery charger. All were found to be at proper levels and no leaks were found. The unit did not start well but ran well after starting. The unit was run for approximately 20 minutes. The total hours at the start of the test run were 280.8 hrs and at the end of the test run were 281.1 hrs. The gen set starting problem is being worked on. The municipality is in the process of contacting Union Gas to come and check the gas supply to the lift station J.H. | |

Report Start Date: Jan 1, 2018 12:00 AM
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Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Type | Class | EPO | Units | Work Order Details | | | | Work Order Detail |
|--------|------------|---|---------------------------|------|------------------------------|-----|--------|--------------------|-----------------|------------------|------------------|---|
| | | | | | | | | Status | Schedule Start | Actual Start | Actual End | |
| 57612 | 0000296003 | GENERATOR NATURAL GAS GENSET Clark Street | 5747, Clark SPS, Facility | PM | Refurbish/ Replace/Repair | 1 | MONTHS | CLOSE | 3/1/18 12:00 AM | 3/7/18 11:00 AM | 3/7/18 11:30 AM | Diesel Generator Inspection/ Functional Test (1m) 5747 -07 Mar 2018. Performed the monthly inspection Clark Street Lift Station natural gas standby gen set and the monthly test run. The inspection included checking the oil and fuel levels, checking for any leak, checking the battery and battery charger. All were found to be at proper levels and no leaks were found. The unit started and ran well. The unit was run for approximately 25 minutes. The total hours at the start of the test run were 247.9 hours and at the end of the test run were 248.3 hrs. J.H. |
| 716206 | 0000296003 | GENERATOR NATURAL GAS GENSET Clark Street | 5747, Clark SPS, Facility | PM | Refurbish/ Replace/Repair | 1 | MONTHS | CLOSE | 4/1/18 12:00 AM | 4/18/18 09:45 AM | 4/18/18 10:15 AM | Diesel Generator Inspection/ Functional Test (1m) 5747 -18 Apr 2018. Performed the monthly inspection Clark Street Lift Station natural gas standby gen set and the monthly test run. The inspection included checking the oil and fuel levels, checking for any leak, checking the battery and battery charger. All were found to be at proper levels and no leaks were found. The unit started on the 2nd cranking and ran well. The unit was run for approximately 20 minutes. The total hours at the start of the test run were 251.4 hrs and at the end of the test run were 251.7 hrs. J.H. |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
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Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Work Order | | PM Schedule | | Work Order Details | | | Work Order Detail |
|--------|------------|---|---------------------------|------------|------------------------------|-------------|--------|--------------------|------------------|-------------------|-------------------|
| | | | | Type | Class | FREQ | Units | Status | Schedule Start | Actual Start | |
| 995204 | 0000296003 | GENERATOR NATURAL GAS GENSET Clark Street | 5747, Clark SPS, Facility | PM | Refurbish/ Replace/Repair | 1 | MONTHS | COMP | 11/1/18 12:00 AM | 11/14/18 01:15 PM | 11/14/18 01:45 PM |
| 804559 | | | 5747, PONTIAC WWTL | PM | Refurbish/ Replace/Repair | 1 | YEARS | COMP | 6/3/18 12:00 AM | 1/3/19 02:41 PM | 1/3/19 02:41 PM |

Diesel Generator Inspection/
Functional Test (Im) 5747
-14 Nov 2018. Performed the
monthly inspection Clark Street Lift
Station natural gas standby gen set
and the monthly test run. The
inspection included checking the oil
and fuel levels, checking for any
leaks, checking the battery and
battery charger. All were found to be
at proper levels and no leaks were
found. The unit started and ran well.
The unit was run for approximately
20 minutes. The total hours at the
start of the test run were 278.6 hrs
and at the end of the test run
were 278.9 hrs. J.H.

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
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Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| Work Order | | | | PM Schedule | | Work Order Details | | | | Work Order Details | | | |
|------------|------------|---|------------------------------|-------------|---------------------------|--------------------|--------|----------------------------------|--------|--------------------|-----------------|------------------|--|
| W/O # | Asset ID | Asset Description | Location/Description | Type | Class | HEQ | Units | Work Order Description | Status | Schedule Start | Actual Start | Actual Finish | Work Order Detail |
| 5856-19 | 0000126968 | LAGOON POWASSAN WWTL - CELL 01/SOUTH CELL | 5747, Powassan WWTL, Process | PM | Refurbish/ Replace/Repair | 6 | MONTHS | Lagoon South Inspection (Y) 5747 | CLOSE | 3/1/18 12:00 AM | 5/7/18 10:00 AM | 9/12/18 12:45 PM | Lagoon South Inspection (Y) 5747 -07 May 2018. Inspected the South cell lagoon and collected an "unrated content" sample to submit for analysis to determine the amount of chemical needed to chemically treat the lagoon before its spring 2018 release. The lagoon is in good condition. J.H./ Lagoon South Inspection (Y) 5747 -17 May 2018. Collected "Treated Contents" sample and then started the Spring 2018 release of the lagoon contents and collected a "start of Release" effluent sample. Submitted sample to SGS labs for analysis. J.H. Lagoon South Inspection (Y) 5747 -18 May 2018. Started the Spring 2018 release of the South Cell lagoon and collected a start of release effluent sample. J.H. Lagoon South Inspection (Y) 5747 -22 May 2018. Checked on South cell lagoon release status and collected a 1.67 ft effluent sample. J.H. Lagoon South Inspection (Y) 5747 -24 May 2018. Collected 2.5 ft lagoon release effluent sample. J.H. Lagoon South Inspection (Y) 5747 -28 May 2018. Recorded the South cell lagoon level (49 inches) and collected a 3.9 foot effluent sample and sent to the lab for analysis. J.H. Lagoon South Inspection (Y) 5747 -29 May 2018. Check on the status of the south cell lagoon release. J.H. |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
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 Location: 5747*
 Work Order Type: CALL CAP, CORR, EMER, OPER, PM
 Work Order Class:

| WO # | Asset ID | Asset Description | Work Order | | PM Schedule | Workorder Details | | | | Work Order Detail |
|------|----------|-------------------|------------|-------|-------------|------------------------|--------|----------------|--------------|--|
| | | | Type | Class | | Work Order Description | Status | Schedule Start | Actual Start | |
| | | | | | | | | | | Lagoon South Inspection (Y) 5747 -06 Jul 2018. Calculated the effluent volumes for the Spring 2018 release of the Poyvassan South Cell Lagoon and entered them into the PDM WISKI program. Completed a Spring 2018 Lagoon release report for the South Lagoon cell and submitted to the regional PCT. J.H. Lagoon South Inspection (Y) 5747 -12 Sep 2018. Inspected the South Cell lagoon and collected "untreated contents" samples and submitted to the lab for analysis. J.H. Lagoon South Inspection (Y) 5747 -The spring 2018 inspections and release of the Poyvassan South cell lagoon was completed by the end of June 2018. J.H. |



Workorder Summary Report

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Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| WO # | | Asset ID | Asset Description | Location (Description) | Type | Class | PM/Schedule | Work Order Description | Status | Schedule Start | Actual Start | Actual Finish | Work Order Detail |
|--------|--|------------|--------------------------------------|----------------------------------|------|---------------------------|-------------|-----------------------------------|--------|-----------------|-----------------|-----------------|--|
| 685670 | | 0000126967 | LAGOON POWASSAN WWTL - CELL 02/NORTH | 5747 Powassan WWTL, Process CELL | PM | Refurbish/ Replace/Repair | 6 MONTHS | Lagoon North Inspection (iy) 5747 | CLOSE | 3/1/18 12:00 AM | 5/7/18 11:00 AM | 7/6/18 01:00 PM | Lagoon North Inspection (iy) 5747 07 Mar. 2018. Inspected the North cell lagoon and collected an "untreated content" sample to submit for analysis to determine the amount of chemical needed to chemically treat the lagoon before its spring 2018 release. The lagoon is in good condition. J.H. Lagoon North Inspection (iy) 5747 -17 May 2018. Collected "Treated Contents" samples from the north cell lagoon and sent to SGS labs for analysis. J.H. Lagoon North Inspection (iy) 5747 -04 Jun 2018. Started the Spring 2018 release of the North cell lagoon. The level was 1 1/2 inches below the overflow. Also collected a "start of release" effluent sample to submit for analysis. J.H. Lagoon North Inspection (iy) 5747 -07 Jun 2018. Checked the status of the north cell lagoon release. The level was 14 inches below the overflow. Collected a 1.1 foot effluent sample to submit for analysis. Opened the discharge valve another 1/2 turn. J.H. Lagoon North Inspection (iy) 5747 -11 Jun 2018. Started the Spring 2018 release of the of the Powassan North cell Lagoon and collected a start of release effluent sample to be submitted for lab analysis. J.H. Lagoon North Inspection (iy) 5747 -12 Jun 2018. Checked on the status of the North cell lagoon release and adjusted the discharge rate. J.H. |

Workorder Summary Report

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 Location: 5747*
 Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
 Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Type | Class | PEO | Units | Work Order Details | | | World Log Detail |
|------|----------|-------------------|----------------------|------|-------|-----|-------|--------------------|----------|--------|--|
| | | | | | | | | Status | Schedule | Actual | |
| | | | | | | | | | | | <p>Lagoon North Inspection (1y) 5747</p> <p>-13 Jun 2018. Checked on the lagoon release. Recorded the lagoon level and opened up the discharge valve another 2 turns. J.H.</p> <p>Lagoon North Inspection (1y) 5747</p> <p>-14 Jun 2018. Checked on the status of the North Cell Lagoon release. Collected a 3.8 foot effluent sample. Adjusted the discharge flow rate. J.H.</p> <p>Lagoon North Inspection (1y) 5747</p> <p>-15 Jun 2018. Checked on the release status of the North Cell Lagoon. Level was at 48.75 inches. Opened the lagoon discharge valve another two inches. J.H.</p> <p>Lagoon North Inspection (1y) 5747</p> <p>-18 Jun 2018. Checked on the status of the release of the North lagoon cell. The level of the lagoon was measured at 61 inches below the overflow. Opened the discharge valve some more. I anticipate this lagoon cell will be empty by the 30th of June. J.H.</p> <p>Lagoon North Inspection (1y) 5747</p> <p>-20 Jun 2018. Checked on the status of the north lagoon cell release. The level was measured at 66 inches below the overflow. The lagoon is almost empty now and will probably be empty tomorrow. J.H.</p> <p>Lagoon North Inspection (1y) 5747</p> <p>-21 Jun 2018. Checked the status of the north cell lagoon release and recorded the lagoon level. J.H.</p> <p>Lagoon North Inspection (1y) 5747</p> <p>-22 Jun 2018. Checked on the status of the north cell lagoon release and recorded the lagoon level. The lagoon is now empty. The Spring 2018 release of this lagoon is concluded. J.H.</p> |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 5747*
 Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
 Work Order Class:

| WO # | Asset ID | Asset Description - Location Description | Work Order Type | Work Order Class | PM Schedule | Units | Work Order Details | | | | Work Log Detail |
|------|----------|--|-----------------|------------------|-------------|-------|------------------------|--------|----------------|--------------|---|
| | | | | | | | Work Order Description | Status | Schedule Start | Actual Start | |
| | | | | | | | | | | | Lagoon North Inspection (N) 5747 -06 Jul 2018. Calculated the effluent volumes for the Spring 2018 release of the Powassan North Cell Lagoon and entered them into the PDM WISKI program. Completed a Spring 2018 Lagoon release report for the North Lagoon cell and submitted to the regional PCT. J.H. Lagoon North Inspection (N) 5747 The spring 2018 inspections and release of the Powassan North cell lagoon was completed by the end of June 2018. J.H. |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 5747*
 Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
 Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Work Order | | PM Schedule | | Work Order Details | | | | Work Log Detail |
|--------|------------|---|------------------------------|------------|---------------------------|-------------|--------|--------------------|-----------------|-----------------|------------------|---|
| | | | | Type | Class | REQ | Units | Status | Schedule Start | Actual Start | Actual Finish | |
| 585693 | 0000126969 | LAGOON POWASSAN WWTL - CELL 03/OLD CELL | 5747, Powassan WWTL, Process | PM | Refurbish/ Replace/Repair | 6 | MONTHS | CLOSE | 3/1/18 12:00 AM | 5/7/18 12:00 PM | 9/12/18 01:30 PM | Lagoon Old Inspection (1y) 5747 07 May, 2018. Inspected the Old cell lagoon and collected an "untreated content" sample. The lagoon is in good condition. It is near full but isolated and will be held over the summer and released this fall. J.H. Lagoon Old Inspection (1y) 5747 -13 Jun 2018. Measured the lagoon level at 4.5 inches below the overflow opening in the discharge box. Collected an "untreated contents" sample from the lagoon and submitted for lab analysis. J.H. Lagoon Old Inspection (1y) 5747 -06 Jul 2018. Filed untreated contents sample analysis reports and sent a Spring lagoon report to the regional PCT stating that the Powassan Old cell Lagoon was not released in the Spring of 2018. J.H. Lagoon Old Inspection (1y) 5747 -12 Sep 2018. Inspected the South Cell lagoon and collected "untreated contents" samples and submitted to the lab for analysis. J.H. Lagoon Old Inspection (1y) 5747 The spring 2018 inspections of the Powassan Old cell lagoon were completed by the end of June 2018. There was no spring release of this lagoon cell. J.H. |

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Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description - Equipment Description | Work Order | | PM Schedule | Work Order Details | | | | Actual Start | Actual End | Work Log Detail |
|--------|------------|---|------------|--------------------------|-------------|----------------------------------|--------|-----------------|------------------|-------------------|------------|---|
| | | | Type | Class | | Work Order Description | Status | Schedule Start | Schedule End | | | |
| 921225 | 0000126968 | LAGOON POWASSAN WWTL - WWTL Process CELL 01/SOUTH | PM | Refurbish/Replace/Repair | 6 MONTHS | LAGOON South Inspection (Y) 5747 | COMP | 9/1/18 12:00 AM | 10/9/18 01:00 PM | 11/22/18 11:15 AM | | Lagoon South Inspection (Y) 5747 -09 Oct 2018. Inspected the lagoon and collected "treated contents" samples for lab analysis. J.H. Lagoon South Inspection (Y) 5747 -22 Oct 2018. Checked the level of the lagoon and collected a "treated contents" re-sample. J.H. Lagoon South Inspection (Y) 5747 -30 Oct 2018. Started the Fall 2018 release of the Powassan south cell lagoon. Collected a start of release effluent sample to submit to the lab for analysis. J.H. Lagoon South Inspection (Y) 5747 -05 Nov 2018. Checked the status of the lagoon release in progress, recorded the lagoon level and collected a effluent sample to send for analysis. J.H. Lagoon South Inspection (Y) 5747 -08 Nov 2018. Checked on the status of the release of the south lagoon cell in progress. Measured and recorded the lagoon level and collected an effluent sample to submit for analysis. J.H. Lagoon South Inspection (Y) 5747 -13 Nov 2018. Inspected the lagoon and collected a 4.2 foot release effluent sample to submit for analysis. J.H. Lagoon South Inspection (Y) 5747 -22 Nov 2018. Completed the lagoon release report for the Fall 2018 release of the south lagoon cell and sent it to the PCT. Also entered the effluent volumes in the WISKI PDM program. J.H. Lagoon South Inspection (Y) 5747 -13 Dec 2018. The final inspection of the south cell lagoon for 2018 was completed. Annual WO closed. J.H. |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
 Report End Date: Dec 31, 2018 11:59 PM
 Location: 5747*
 Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
 Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Work Order Type | Work Order Class | PM Schedule | REQ | Units | Work Order Description | Status | Schedule Start | Actual Start | Actual End | Work Order Detail |
|--------|------------|--------------------------------------|----------------------------|-----------------|--------------------------|-------------|-----|--------|-----------------------------------|--------|-----------------|-----------------|-----------------|--|
| 921250 | 0000126967 | LAGOON POWASSAN WWTL - CELL 02/NORTH | 5747 Powassan WWTL Process | PM | Refurbish/Replace/Repair | | 6 | MONTHS | Lagoon North Inspection (ty) 5747 | COMP | 9/1/18 12:00 AM | 1/2/19 10:37 AM | 1/3/19 10:37 AM | Lagoon North Inspection (ty) 5747 -12 Dec 2018. The final inspection of the north cell lagoon for 2018 was completed. Annual work order for inspections closed. J.H. |

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description | Location Description | Work Order | | PM Schedule | | Work Order Description | | | Work Order Details | | | Work Order Detail | |
|--------|------------|--|------------------------------|------------|--------------------------|-------------|--------|---------------------------------|--------|-----------------|--------------------|-------------------|---------------|--|--|
| | | | | Type | Class | HEO | Units | Work Order Description | Status | Start | Schedule Start | Actual Start | Actual Finish | Work Order Detail | |
| 921273 | 0000126969 | LAGOON POW/ASSAN WWTL - CELL 03/OLD CELL | 5747, Powassan WWTL, Process | PM | Refurbish/Replace/Repair | 6 | MONTHS | Lagoon Old Inspection (1y) 5747 | COMP | 9/1/18 12:00 AM | 10/15/18 12:30 PM | 11/22/18 10:45 AM | | Collected Treated Contents Samples -02 Oct 2018. Inspected the lagoons and noted the levels. Collected a "Treated Contents Sample" from the Old Lagoon cell and sent for analysis. J.H. Lagoon Old Inspection (1y) 5747 -15 Oct 2018. Inspected and recorded the lagoon levels. Started the Fall 2018 release of the "Old" lagoon cell. J.H. Lagoon Old Inspection (1y) 5747 -17 Oct 2018. Checked on the lagoon level and status of the lagoon release. J. H. Lagoon Old Inspection (1y) 5747 -18 Oct 2018. Checked on the lagoon level and status of the lagoon release in progress. Collected a 1.0 foot lagoon release effluent sample to send for analysis. J.H. Lagoon Old Inspection (1y) 5747 -19 Oct 2018. Checked on the status of the lagoon release in progress and recorded the lagoon level. J.H. Lagoon Old Inspection (1y) 5747 -22 Oct 2018. Checked on the status of the lagoon release in progress. Recorded the lagoon level and collected a 2.0 foot effluent sample for analysis. J.H. Lagoon Old Inspection (1y) 5747 -25 Oct 2018. Checked on the lagoon release progress and collected a 3.55 foot effluent sample to submit for analysis. J.H. Lagoon Old Inspection (1y) 5747 -29 Oct 2018. Checked on the status of the old cell lagoon release. Not quite empty. Adjusted the flow rate. Collected a 4.67 ft effluent sample. J.H. | |

Workorder Summary Report

Report Start Date: Jan 1, 2018 12:00 AM
Report End Date: Dec 31, 2018 11:59 PM
Location: 5747*
Work Order Type: CALL,CAP,CORR,EMER,OPER,PM
Work Order Class:

| WO # | Asset ID | Asset Description | Workorder | | WFO Schedule | | Work Order Description | | Workorder Details | | Actual Status | Actual Start | Actual Finish | Work Log Detail |
|------|----------|-------------------|-----------|-------|--------------|-------|------------------------|--|-------------------|----------------|---------------|--------------|---------------|---|
| | | | Type | Class | WFO | Units | | | Status | Schedule Start | | | | |
| | | | | | | | | | | | | | | Lagoon Old Inspection (1y) 5747 -30 Oct 2018. Check on the status of the Powassan Old cell lagoon release. Lagoon is empty. Release completed for Fall 2018. Closed the discharge valves for the lagoon. 1H. -22 Nov 2018. Completed the Lagoon Old Inspection (1y) 5747 lagoon release report for the Fall 2018 release of the old lagoon cell and sent it to the PCT. Also entered the effluent volumes in the WISKI PDM program. 1H. Lagoon Old Inspection (1y) 5747 -12 Dec 2018. Final inspection of the old cell lagoon completed for 2018. Annual work order closed. 1H. |



RORAB SHRINE CLUB

With over 75 Years of Service to the Community

1260 BROOKES STREET, NORTH BAY, ON P1B 2P1



April 10, 2018

Kimberly Bester, Deputy Clerk
The Municipality of Powassan
466 Main Street,
P.O. Box 250
Powassan, On P0H 1Z0

re: request for designation of Tag Day

Dear: Ms. Bester,

The Shriners of North Bay and area would like to reserve Saturday June 08, 2019 as a Tag Day. As you may already know, many Shriners reside and are active in your area.

The primary role of the Shrine is to support the operation of the various Shrine Hospitals for Children in North America, and particularly the Montreal Shrine Hospital for Children. It is our belief that no child or family should have to experience undue financial hardship because of disease or sickness, or be denied medical services. There are several children in this area who currently receive ongoing care at our Montreal hospital.

Annually the Rorab Shrine Club conducts a Tag Day in order to promote the work of the Shrine, and to raise funds for the Club. In the past, we have been granted generous cooperation both from the Municipality of Powassan, and the various merchants of the area who allow us to tag on their properties. We are respectfully requesting that Saturday June 08, 2019 be set aside as Shriners Tag Day by the Municipality of Powassan.

Sincerest regards,

William South, Secretary
Rorab Shrine Club

| | |
|----------------------|----------|
| DATE OF COUNCIL MTG. | Feb. 5/9 |
| AGENDA ITEM # | 12.5 |

Lesley Marshall

From: Peter Mclsaac
Sent: Tuesday, January 29, 2019 8:44 PM
To: Maureen Lang
Cc: Lesley Marshall
Subject: Fwd: For Mayor Mclsaac
Attachments: Key Messaging Northern Service Providers.docx; ATT00001.htm

Follow Up Flag: Flag for follow up
Flag Status: Flagged

Please have the attached as an Agenda Item for Feb 5th.

Peter Mclsaac
Mayor
Municipality of Powassan
(705) 491-0374

Begin forwarded message:

From: Maureen Lang <MLang@Powassan.net>
Date: January 25, 2019 at 5:29:16 PM EST
To: Peter Mclsaac <PMclsaac@Powassan.net>
Subject: Fwd: For Mayor Mclsaac

Begin forwarded message:

From: Norma Conrad <NConrad@Powassan.net>
Date: January 25, 2019 at 3:37:11 PM EST
To: Maureen Lang <MLang@Powassan.net>
Subject: FW: For Mayor Mclsaac

From: Donna Sedore [<mailto:Donna@employmentnorth.com>]
Sent: Friday, January 25, 2019 10:10 AM
To: Norma Conrad <NConrad@Powassan.net>
Subject: For Mayor Mclsaac

God morning Peter, I wanted to share with you our Northern position paper on Employment Services. I would be happy to discuss by e-mail or in person if you have any comments or questions.

This is also the perfect time for me to Thank the Town of Powasan for allowing us space at 250 Clark and being so welcoming, your community has a lot going on for all the citizens.

Donna

| | |
|----------------------|------------|
| DATE OF COUNCIL MTG. | Feb. 5/19. |
| AGENDA ITEM # | 13.1 |



Building Business Across Ontario's North

Northern Ontario's Employment Ontario Employment Agencies: Partners in Growing Business

Facts at-a-glance

- Over 30 Employment Ontario employment agencies serve business' staffing needs across the Province's north.
- In the Employment Service program alone in 2017-18, we served 4,217 Northern businesses, placing 11,865 people in new jobs and supporting 2,441 people to return to school for retraining.
- About 90% of the employers we serve are small and medium-sized businesses—48% only have 1-10 staff, and 41% have 11-50 staff.
- 23% of those who access our services to find jobs are on social assistance—the other 77% are those who are first time job seekers, have lost their jobs, are recent post-secondary graduates, or are seeking re-training for a second career.

Experts in Employment

Across Northern Ontario, over 30 employment agencies, in centres both large and small, act as essential partners to local businesses. Last year alone (2017-18), we helped 4,217 employers find 11,865 employees. As a sector, we work together to share best practices and strategize to address key issues in the North.

Experts in Northern Ontario Business

We know the many ways in which life in the North is different because we live and work across this vast geography. We have developed strong relationships with many First Nation communities. We understand the North's widespread population, long travel times, higher costs of living, and higher rates of poverty and other barriers to employment. Every day, we help business overcome these obstacles. More than ever our expert services are needed as the province commits to supporting economic growth and development in the North by cutting through delays and investing in infrastructure.

Keeping the North Open for Business

When government invests in employment agencies, they are directly supporting the many businesses we work with every day. About 90% of the employers we serve are small and medium-sized businesses. Employers tell us that if it wasn't for us, they would be forced to leave northern communities. Our relationships run deep. Together, we keep local business thriving, ensuring there is an able and ready workforce. Small and medium-sized businesses underpin the tax base across northern communities. We help to strengthen the economy, ensuring every dollar invested is leveraged and multiplied.

Reducing Long-Term Unemployment

We get Ontarians into the workforce. While about 23% of those workers who access our services to find jobs are on social assistance, most of the workers we recruit, train, and place in jobs are new to the workforce, right out of Ontario's colleges, or are re-training mid-career. Because we serve such a wide-range of Ontarians, those on social assistance are placed in jobs right alongside other job seekers—lessening stigma, ensuring employers have all that is needed to meet their needs, and getting all Northerners back to work. We support the newly hired for up to a year after employment to see them succeed in the long term.

Addressing the Labour Shortage

We close the skills gap, support apprenticeships and promote the skilled trades. The North has a labour shortage and a workforce that isn't always job ready—so we help reduce businesses' hiring and training costs. We act as recruiters. We work with higher education specialists and offer programming to address the urgent skills shortage, in ways that are unique to Northern employers and our workforce. We connect employers with support to train current employees and improve their skills to meet evolving labour needs.

The HR Department of the North

In the North, there's often nowhere else for a business owner to turn. Many small businesses rely on us to meet their staffing demands. Employment agencies are practical and efficient organizations. In fact, many small businesses in the North come to think of us as their HR department because we reduce their costs and cut through hiring red tape. We develop jobs, craft descriptions, deploy job postings, analyze an entrepreneur's changing staffing needs, and connect employers with support to train their existing employees. All of this drives the economy, helping businesses stay profitable.

Efficient and Cost Effective

As transfer payment agencies, we have a long track record of demonstrating value for taxpayer dollar. We work efficiently with one another, and our other local partners, to ensure Ontarians get maximum value from our services. Also, we are well leveraged – funded by both the Governments of Ontario and Canada, as well as other local sources – to meet the needs of employers across Northern Ontario and to ensure our workforce is skilled and ready for the changing economy.

Your Employment Service:

- Visited employers in our area of over 4000 square miles
- Has 17 engaged staff with over 100 years of combined experience in employment services
- Has, in the last 2 years, contributed over \$1,000,000 to our community in training dollars
- Serves people with no work experience and people with 40 years of experience; sources entry level to managerial level positions; works with businesses with 3 people to 100's of people, we offer a range of options

I emigrated from Germany to Sundridge, Canada in 2017. Thanks to Employment North and their help in starting my Canadian career!

Anna, Job Seeker

Employment North has been instrumental in recruiting new employees to join our firm. They have a good understanding of what we require for our type of work.

Paul Thompson ~President~ South River Planing Mills Inc.

Employment North simplifies the process of finding candidates and hiring people for open positions within our company and goes above and beyond when it comes to administering grants and subsidies that we qualify for. It is always a pleasure working with their team. Thank you

Luke Preston ~Operations Manager~ G.F. Preston Sales and Service

For more information please contact:

Donna Sedore

Executive Director

705-384-1110

donna@employmentnorth.com

1/22/2019 2:47pm

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 | | | | | | | | | |
| 8940 | 01-049 06-049 | PRICE ADVERTISING INC, 215 ALLISON'S POINT RD, HUNTSVILLE, ON, P1H 1B5 | 01/22/19 | \$2,715.10 | \$2,715.10 | 10-10-68410 | BIA-MAT/SUPPLIES | \$0.00 | \$0.00 |
| | | 01/22/19 BILLBOARDS 1/2 OF 2019 | | | \$3,015.00 | | | | |
| 9023 | 6989579 2679147 | UNION GAS, PO BOX 4001 STN A, TORONTO, ON, M5W 0G2 | 01/22/19 | \$0.00 | \$0.00 | 10-10-61620 | NATURAL GAS | \$0.00 | \$0.00 |
| | 6989579 2679147 | 01/22/19 466 MAIN ST NATURAL GAS-1305 | 01/22/19 | \$2,029.00 | \$2,029.00 | 10-10-61753 | 250 CLARK-BUILDING | \$0.00 | (\$839.04) |
| | | 01/22/19 GAS @ 250-1742 | | | \$2,884.26 | | | | |
| 9462 | 1072 | OMTRA, SUITE # 119, AURORA, ON, L4G 6H8 | 01/17/19 | \$223.87 | \$223.87 | 10-10-61730 | MEMBERSHIPS & | \$0.00 | (\$3,324.76) |
| | | 01/17/19 ANNUAL MEMBERSHIP | | | \$248.60 | | | | |
| 9877 | 23315 | KRB MECHANICAL LTD, 50-A VENTURE CRESCENT, NORTH BAY, ON, P1A 0E5 | 12/31/18 | \$287.47 | \$287.47 | 10-10-61757 | FITNESS CENTRE@250 | \$0.00 | (\$18,880.11) |
| | | 12/31/18 HEATING SYSTEM REPAIRED | | | \$319.23 | | | | |
| 9926 | 000422410- | AGILIS NETWORKS, 500 REGENT STREET, SUDBURY, ON, P3E 3Y2 | 01/22/19 | \$499.95 | \$499.95 | 10-10-61753 | 250 CLARK-BUILDING | \$0.00 | (\$839.04) |
| | | 01/22/19 TELECOM @ 250 CLARK | | | \$583.28 | | | | |
| 10108 | 1-1-1 | MAPLE HILL HEALTH AND FITNESS, 380 MAPLE HILL ROAD, POWASSAN, ON, P0H1Z0 | 12/31/18 | \$91.58 | \$91.58 | 10-10-61757 | FITNESS CENTRE@250 | \$0.00 | (\$18,880.11) |
| | | 12/31/18 TRAIN SESSIONS | | | \$101.70 | | | | |
| | | | | | \$7,896.68 | | | | |
| Total GENERAL GOVERNMENT | | | | | | | | | |
| FIRE DEPARTMENT | | | | | | | | | |
| 9023 | 6989579 2679147 | UNION GAS, PO BOX 4001 STN A, TORONTO, ON, M5W 0G2 | 01/22/19 | \$560.26 | \$560.26 | 10-15-62020 | FIRE DEPT.-OPERATIONS | \$0.00 | (\$680.98) |
| | | 01/22/19 TCFD NATURAL GAS - 2467 | | | \$560.26 | | | | |
| 9205 | 4880 | FIRE MARSHAL'S PUPIC FIRE SAFETY COUNCIL, 105 STROWGER BLVD., P.O. BOX 96, BROCKVILLE, ON, K6V 5T7 | 01/22/19 | \$100.00 | \$100.00 | 10-15-62020 | FIRE DEPT.-OPERATIONS | \$0.00 | (\$680.98) |
| | | 01/22/19 ANNUAL MEMBERSHIP | | | \$100.00 | | | | |
| | | | | | \$660.26 | | | | |
| Total FIRE DEPARTMENT | | | | | | | | | |
| PUBLIC WORKS | | | | | | | | | |
| 8806 | 514884 | JIM MOORE PETROLEUM, 66 GIBSON STREET, P.O. BOX 508, NORTH BAY, ON, P1B 8J1 | 01/22/19 | \$100.74 | \$100.74 | 10-20-63505 | 2014 FREIGHTLINER- | \$0.00 | (\$859.92) |
| | 514884 | 01/22/19 FUEL FOR 2014 FREIGHTLINER | 01/22/19 | \$100.74 | \$100.74 | 10-20-63520 | 2011 FREIGHTLINER- | \$0.00 | (\$951.68) |
| | 514884 | 01/22/19 FUEL FOR 2011 FREIGHTLINER | 01/22/19 | \$100.72 | \$100.72 | 10-20-63560 | 2013 FREIGHTLINER | \$0.00 | (\$859.92) |
| | 514885 | 01/22/19 FUEL FOR 2013 FREIGHTLINER | 01/22/19 | \$20.30 | \$20.30 | 10-20-63620 | 710 BACKHOE- | \$0.00 | (\$189.39) |
| | 514885 | 01/22/19 FUEL FOR 710 BACKHOE | 01/22/19 | \$60.90 | \$60.90 | 10-20-63626 | BACKHOE CAT420 | \$0.00 | (\$568.17) |
| | 514885 | 01/22/19 CAT420 FUEL | 01/22/19 | \$20.30 | \$20.30 | 10-20-63640 | 96 BACKHOE- | \$0.00 | (\$189.39) |
| | 514885 | 01/22/19 FUEL FOR 96 BACKHOE | 01/22/19 | \$101.51 | \$101.51 | 10-20-63660 | 99 GRADER- | \$0.00 | (\$946.96) |
| | | 01/22/19 FUEL FOR GRADER | | | \$505.21 | | | | |
| 8897 | 0194011 | NORTHERN UNIFORM SERVICE, 2230 ALGONQUIN ROAD, SUDBURY, ON, P3E 4Z6 | 01/22/19 | \$229.13 | \$229.13 | 10-20-63060 | PUBLIC WORKS- | \$0.00 | (\$719.93) |
| | | 01/22/19 PW UNIFORM RENTALS | | | \$229.13 | | | | |

Item 15
Feb 5/19.

**Municipality of Powassan
A/P Preliminary Cheque Run
(Council Approval Report)**

| InvoiceNumber | Date | Description | Due Date | Invoice Amt. | Approved Amt. | Account Number | Account Description | Budgeted \$ | YTD Balance |
|--|--|-------------|----------|--------------|---------------|----------------|---------------------|-------------|----------------|
| 9023 | UNION GAS, PO BOX 4001 STN A, TORONTO, ON, M5W 0G2 | | | | | | | | |
| 6989579 2679147 | 01/22/19 PW SHOPS NATURAL GAS - 1890 | | 01/22/19 | \$350.62 | \$350.62 | 10-20-63062 | PUBLIC WORKS BLDGS | \$0.00 | \$0.00 |
| 6989579 2679147 | 01/22/19 81 KING ST NATURAL GAS - 7337 | | 01/22/19 | \$104.20 | \$104.20 | 10-20-63062 | PUBLIC WORKS BLDGS | \$0.00 | \$0.00 |
| 6989579 2679147 | 01/22/19 PW SHOPS NATURAL GAS - 2330 | | 01/22/19 | \$833.25 | \$833.25 | 10-20-63062 | PUBLIC WORKS BLDGS | \$0.00 | \$0.00 |
| | | | | | \$1,288.07 | | | | |
| 9053 | ANDERSON & ROSS LTD., 1350 FRANKLIN ST., NORTH BAY, ON, P1B 2M3 | | | | | | | | |
| 68926 | 01/22/19 OVERHEAD DOOR REPAIRS | | 01/15/19 | \$799.65 | \$799.65 | 10-20-63060 | PUBLIC WORKS- | \$0.00 | (\$719.93) |
| | | | | | \$799.65 | | | | |
| 9133 | SCOTT TOEBES, D.D., 1000 DUNDAS ST. W. TORONTO, ON, M6J 1B5 | | | | | | | | |
| JAN 17 2019 | 01/22/19 DENTAL | | 01/22/19 | \$63.00 | \$63.00 | 10-20-61510 | BENEFITS | \$0.00 | (\$152.19) |
| | | | | | \$63.00 | | | | |
| 9729 | SUNBELT RENTALS, 40 CAIRNS CR., HUNTSMVILLE, ON, P1H 1Y3 | | | | | | | | |
| 70812396-0001 | 12/31/18 FUEL CELL | | 12/31/18 | \$254.40 | \$254.40 | 10-20-63895 | CAPITAL-GAS TAX | \$0.00 | (\$333,986.23) |
| 70871597-0001 | 12/31/18 TC BRIDGE | | 12/31/18 | \$2,204.99 | \$2,204.99 | 10-20-63895 | CAPITAL-GAS TAX | \$0.00 | (\$333,986.23) |
| | | | | | \$2,459.39 | | | | |
| | | | | | \$5,344.45 | | | | |
| Total PUBLIC WORKS | | | | | | | | | |
| ENVIRONMENT | | | | | | | | | |
| 8751 | EVAN HUGHES EXCAVATING, 118 HIGHWAY 534, POWASSAN , ON, P0H 1Z0 | | | | | | | | |
| 3678 | 12/31/18 GARBAGE COMPACTION | | 12/31/18 | \$1,175.33 | \$1,175.33 | 10-25-64910 | LANDFILL SITE- | \$0.00 | (\$40,732.34) |
| | | | | | \$1,175.33 | | | | |
| 8806 | JIM MOORE PETROLEUM, 66 GIBSON STREET, P.O. BOX 508, NORTH BAY , ON, P1B 8J1 | | | | | | | | |
| 514884 | 01/22/19 FUEL FOR GARBAGE TRUCK | | 01/22/19 | \$100.74 | \$100.74 | 10-25-64830 | GARBAGE VEHICLE | \$0.00 | (\$859.92) |
| | | | | | \$1,276.07 | | | | |
| Total ENVIRONMENT | | | | | | | | | |
| WATER | | | | | | | | | |
| 9023 | UNION GAS, PO BOX 4001 STN A, TORONTO, ON, M5W 0G2 | | | | | | | | |
| 6989579 2679147 | 01/22/19 34 MCRAE DR NATURAL GAS - 7940 | | 01/22/19 | \$22.07 | \$22.07 | 10-30-64530 | WATER DISTRIBUTION- | \$0.00 | \$0.00 |
| | | | | | \$22.07 | | | | |
| | | | | | \$22.07 | | | | |
| Total WATER | | | | | | | | | |
| SEWER | | | | | | | | | |
| 9023 | UNION GAS, PO BOX 4001 STN A, TORONTO, ON, M5W 0G2 | | | | | | | | |
| 6989579 2679147 | 01/22/19 SEWER PUMPHOUSE NATURAL GAS - 9269 | | 01/22/19 | \$143.56 | \$143.56 | 10-40-64110 | SEWER PUMPHOUSE- | \$0.00 | \$0.00 |
| | | | | | \$143.56 | | | | |
| | | | | | \$143.56 | | | | |
| Total SEWER | | | | | | | | | |
| PROTECTION TO PERSONS & PROPERTY | | | | | | | | | |
| 8855 | MINISTER OF FINANCE - OPP, 33 KING ST W, PO BOX 647, OSHAWA, ON, L1H 8X3 | | | | | | | | |
| 111101191404086 | 01/22/19 MONTHLY POLICING | | 01/22/19 | \$43,331.00 | \$43,331.00 | 10-50-62500 | POLICING-OPP | \$0.00 | (\$918.84) |
| | | | | | \$43,331.00 | | | | |
| | | | | | \$43,331.00 | | | | |
| Total PROTECTION TO PERSONS & PROPERTY | | | | | | | | | |

1/22/2019 2:47pm

**Municipality of Powassan
A/P Preliminary Cheque Run
(Council Approval Report)**

| InvoiceNumber | Date | Description | Due Date | Invoice Amt | Approved Amt | Account Number | Account Description | Budgeted \$ | YTD Balance |
|---|---|--|----------|-------------|--------------|----------------|---------------------|-------------|-------------|
| RECREATION | | | | | | | | | |
| 9023 | UNION GAS, PO BOX 4001 STN A, TORONTO, ON, M5W 0G2 | | | | | | | | |
| 6989579 | 2679147 | 01/22/19 POOL NATURAL GAS - 1355 | 01/22/19 | \$22.38 | \$22.38 | 10-55-67110 | POOL-MATERIAL & | \$0.00 | \$0.00 |
| 6989579 | 2679147 | 01/22/19 SHCC NATURAL GAS - 1465 | 01/22/19 | \$230.89 | \$230.89 | 10-55-67410 | SHCC-MAT/SUPPLIES | \$0.00 | \$0.00 |
| | | | | | \$253.27 | | | | |
| | | | | | \$253.27 | | | | |
| Total RECREATION | | | | | | | | | |
| HEALTH SERVICES | | | | | | | | | |
| 9023 | UNION GAS, PO BOX 4001 STN A, TORONTO, ON, M5W 0G2 | | | | | | | | |
| 6989579 | 2679147 | 01/22/19 MEDICAL CENTRE NATURAL GAS - 1396 | 01/22/19 | \$0.00 | \$0.00 | 10-60-65310 | MEDICAL CENTRE- | \$0.00 | \$0.00 |
| | | | | | \$0.00 | | | | |
| | | | | | \$0.00 | | | | |
| Total HEALTH SERVICES | | | | | | | | | |
| HISTORICAL & CULTURE | | | | | | | | | |
| 9023 | UNION GAS, PO BOX 4001 STN A, TORONTO, ON, M5W 0G2 | | | | | | | | |
| 6989579 | 2679147 | 01/22/19 SUNSHINE HALL NATURAL GAS- 3412 | 01/22/19 | \$0.00 | \$0.00 | 10-65-66010 | GOLDEN SUNSHINE | \$0.00 | \$0.00 |
| 6989579 | 2679147 | 01/22/19 LEGION NATURAL GAS-1423 | 01/22/19 | \$679.36 | \$679.36 | 10-65-67680 | POWASSAN LEGION | \$0.00 | (\$309.28) |
| | | | | | \$679.36 | | | | |
| | | | | | \$679.36 | | | | |
| Total HISTORICAL & CULTURE | | | | | | | | | |
| TROUT CREEK COMMUNITY CENTRE | | | | | | | | | |
| 8862 | MOORE PROPANE LIMITED, 56 GIBSON ST, NORTH BAY , ON, P1B 8Z4 | | | | | | | | |
| 799231 | 01/22/19 PROPANE | | 01/22/19 | \$52.39 | \$52.39 | 10-75-61800 | SUPPLIES | \$0.00 | (\$61.05) |
| 801781 | 01/22/19 PROPANE | | 01/22/19 | \$50.93 | \$50.93 | 10-75-61800 | SUPPLIES | \$0.00 | (\$61.05) |
| | | | | | \$103.32 | | | | |
| 9023 | UNION GAS, PO BOX 4001 STN A, TORONTO, ON, M5W 0G2 | | | | | | | | |
| 6989579 | 2679147 | 01/22/19 TCCC NATURAL GAS-0700 | 01/22/19 | \$647.08 | \$647.08 | 10-75-61620 | NATURAL GAS | \$0.00 | (\$194.05) |
| | | | | | \$647.08 | | | | |
| | | | | | \$750.40 | | | | |
| Total TROUT CREEK COMMUNITY CENTRE | | | | | | | | | |
| SPORTSPLEX | | | | | | | | | |
| 8862 | MOORE PROPANE LIMITED, 56 GIBSON ST, NORTH BAY , ON, P1B 8Z4 | | | | | | | | |
| 799229 | 01/22/19 PROPANE REFILL | | 01/22/19 | \$78.58 | \$78.58 | 10-80-61930 | ZAMBONI-REPAIRS & | \$0.00 | \$0.00 |
| 801780 | 01/22/19 PROPANE REFILL | | 01/22/19 | \$50.93 | \$50.93 | 10-80-61930 | ZAMBONI-REPAIRS & | \$0.00 | \$0.00 |
| | | | | | \$129.51 | | | | |
| 8952 | REGAL OVERHEAD DOORS, 571 C REGAL ROAD, R.R.#3, NORTH BAY , ON, P1B 8G4 | | | | | | | | |
| 7452 | 01/22/19 ZAMBONI DOOR REPAIRS | | 01/22/19 | \$1,220.61 | \$1,220.61 | 10-80-61950 | BUILDING REPAIRS & | \$0.00 | (\$348.53) |
| | | | | | \$1,220.61 | | | | |
| 9023 | UNION GAS, PO BOX 4001 STN A, TORONTO, ON, M5W 0G2 | | | | | | | | |

**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 |
|--------|--|----------|-----------------------------------|----------|-------------|--------------------|----------------|---------------------|-------------|-------------|
| | 6989579 2679147 | 01/22/19 | SPORTSPLEX NATURAL GAS (B) - 1337 | 01/22/19 | \$1,250.72 | \$1,250.72 | 10-80-61620 | NATURAL GAS | \$0.00 | \$0.00 |
| | 6989579 2679147 | 01/22/19 | SPORTSPLEX NATURAL GAS (A) - 1336 | 01/22/19 | \$1,094.20 | \$1,094.20 | 10-80-61620 | NATURAL GAS | \$0.00 | \$0.00 |
| | | | | | | \$2,344.92 | | | | |
| 9926 | AGILIS NETWORKS, 500 REGENT STREET, SUDBURY, ON, P3E 3Y2 | | | | | | | | | |
| | 000422410- | 01/22/19 | OFFICE EXPENSES | 01/22/19 | \$254.40 | \$254.40 | 10-80-61555 | OFFICE EXPENSES | \$0.00 | (\$292.17) |
| | | | | | | \$254.40 | | | | |
| | | | | | | \$3,949.44 | | | | |
| | | | | | | \$64,306.56 | | | | |

Total Bills To Pay:

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 | | | | | | | | | |
| 9475 18-176 | 12/31/18 | PIOTROWSKI CONSULTANTS, 1820 BOND STREET, NORTH BAY, ON, P1B 4V6 12/31/18 FITNESS CENTRE VENTILATION UPGRADE QUOTE | 12/31/18 | \$5,881.73 | \$5,881.73 | 10-10-61755 | 250 CLARK ST-SCHOOL | \$0.00 | (\$1,211,954.05) |
| 9676 19-093 | 12/31/18 | SSA ADJUSTERS LIMITED, 1025 CASSELLS ST., P.O. BOX 1436, NORTH BAY, ON, P1B 8K6 12/31/18 INSURANCE ADJUSTER FEES | 12/31/18 | \$207.00 | \$6,531.40 | 10-10-61560 | AUDIT & LEGAL | \$0.00 | (\$47,290.56) |
| 9720 20180411 | 12/31/18 | TERRY LANG COMPUTER CONSULTING, 133 CLOVERBRAE CRES., NORTH BAY, ON, P1A 4J4 12/31/18 COMPUTER CONSULTING AND SUPPLIES | 12/31/18 | \$6,236.21 | \$207.00 | 10-10-61570 | COMPUTERS | \$0.00 | (\$86,160.17) |
| 9877 22601 | 12/31/18 | KRB MECHANICAL LTD, 50-A VENTURE CRESCENT, NORTH BAY, ON, P1A 0E5 12/31/18 ERV REPAIRS | 12/31/18 | \$160.27 | \$6,925.04 | 10-10-61753 | 250 CLARK-BUILDING | \$0.00 | (\$275,801.20) |
| 10300 HN18-294 | 12/31/18 | HARDY NIEMI LAW, 105 MAIN ST, P.O. BOX 1060, SUNDRIDGE, ON, P0A 1Z0 12/31/18 BOLTON LAND TRANSFER/EXCHANGE | 12/31/18 | \$1,029.80 | \$189.78 | 10-10-61560 | AUDIT & LEGAL | \$0.00 | (\$47,290.56) |
| Total GENERAL GOVERNMENT | | | | | | | | | |
| FIRE DEPARTMENT | | | | | | | | | |
| 10138 4616 | 12/31/18 | DOMM CONSTRUCTION LTD., 563 LOUISA ST, PO BOX 90, AYTON, ON, N0G1C0 12/31/18 PROGRESS BILLING #6 FINAL | 12/31/18 | \$17,353.13 | \$17,353.13 | 10-15-62070 | CAPITAL FIRE | \$0.00 | (\$1,118,584.12) |
| Total FIRE DEPARTMENT | | | | | | | | | |
| TROUT CREEK COMMUNITY CENTRE | | | | | | | | | |
| 9877 23378 | 12/31/18 | KRB MECHANICAL LTD, 50-A VENTURE CRESCENT, NORTH BAY, ON, P1A 0E5 12/31/18 DE HUMIDIFIER REPAIRS | 12/31/18 | \$106.85 | \$106.85 | 10-75-61820 | MAINTENANCE | \$0.00 | (\$24,657.60) |
| Total TROUT CREEK COMMUNITY CENTRE | | | | | | | | | |
| | | | | Total Bills To Pay: | | | | | |
| | | | | | | \$34,259.76 | | | |

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 | | | | | | | | | | |
| | 8907 | 2018 | ONTARIO CLEAN WATER AGENCY, WATER PARK PLACE, 1 YONGE STREET, SUITE 1700, TORONTO, ON, M5E 1E5 | 12/31/18 | \$17.77 | \$17.77 | 10-10-24120 | A/R-FEDERAL HST- 5% | \$0.00 | (\$37,737.78) |
| | 2018 | 2018 | HST recoverable | 12/31/18 | \$22.17 | \$22.17 | 10-10-24125 | A/R HST 8% (6.24) PRO | \$0.00 | (\$40,527.27) |
| | | | | | \$39.94 | | | | | |
| | 10061 | | MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2J4P4 | | | | | | | |
| | 0106012 1018 | 12/31/18 | LIBRARY LIFE/DISABILITY INS | 12/31/18 | \$75.24 | \$75.24 | 10-10-24600 | A/R LIBRARY BOARD | \$0.00 | (\$33,305.18) |
| | 0106012 1218 | 12/31/18 | LIBRARY LIFE/DISABILITY INS | 12/31/18 | \$75.24 | \$75.24 | 10-10-24600 | A/R LIBRARY BOARD | \$0.00 | (\$33,305.18) |
| | 0106012 518 | 12/31/18 | LIBRARY LIFE/DISABILITY INS | 12/31/18 | \$75.24 | \$75.24 | 10-10-24600 | A/R LIBRARY BOARD | \$0.00 | (\$33,305.18) |
| | 0106012 618 | 12/31/18 | LIBRARY LIFE/DISABILITY INS | 12/31/18 | \$75.24 | \$75.24 | 10-10-24600 | A/R LIBRARY BOARD | \$0.00 | (\$33,305.18) |
| | 0106012 718 | 12/31/18 | LIBRARY LIFE/DISABILITY INS | 12/31/18 | \$75.24 | \$75.24 | 10-10-24600 | A/R LIBRARY BOARD | \$0.00 | (\$33,305.18) |
| | 0106012 818 | 12/31/18 | LIBRARY LIFE/DISABILITY INS | 12/31/18 | \$75.24 | \$75.24 | 10-10-24600 | A/R LIBRARY BOARD | \$0.00 | (\$33,305.18) |
| | 0106012 918 | 12/31/18 | LIBRARY LIFE/DISABILITY INS | 12/31/18 | \$75.24 | \$75.24 | 10-10-24600 | A/R LIBRARY BOARD | \$0.00 | (\$33,305.18) |
| | 0106120 1118 | 12/31/18 | LIBRARY LIFE/DISABILITY INS | 12/31/18 | \$75.24 | \$75.24 | 10-10-24600 | A/R LIBRARY BOARD | \$0.00 | (\$33,305.18) |
| | 0106012 1018 | 12/31/18 | OFFICE LIFE/DISABILITY INS. | 12/31/18 | \$529.61 | \$529.61 | 10-10-61510 | BENEFITS | \$0.00 | (\$38,201.04) |
| | 0106012 1218 | 12/31/18 | OFFICE LIFE/DISABILITY INS. | 12/31/18 | \$529.61 | \$529.61 | 10-10-61510 | BENEFITS | \$0.00 | (\$38,201.04) |
| | 0106012 518 | 12/31/18 | OFFICE LIFE/DISABILITY INS. | 12/31/18 | \$529.61 | \$529.61 | 10-10-61510 | BENEFITS | \$0.00 | (\$38,201.04) |
| | 0106012 618 | 12/31/18 | OFFICE LIFE/DISABILITY INS. | 12/31/18 | \$529.61 | \$529.61 | 10-10-61510 | BENEFITS | \$0.00 | (\$38,201.04) |
| | 0106012 718 | 12/31/18 | OFFICE LIFE/DISABILITY INS. | 12/31/18 | \$529.61 | \$529.61 | 10-10-61510 | BENEFITS | \$0.00 | (\$38,201.04) |
| | 0106012 818 | 12/31/18 | OFFICE LIFE/DISABILITY INS. | 12/31/18 | \$514.86 | \$514.86 | 10-10-61510 | BENEFITS | \$0.00 | (\$38,201.04) |
| | 0106012 918 | 12/31/18 | OFFICE LIFE/DISABILITY INS. | 12/31/18 | \$529.61 | \$529.61 | 10-10-61510 | BENEFITS | \$0.00 | (\$38,201.04) |
| | 0106120 1118 | 12/31/18 | OFFICE LIFE/DISABILITY INS. | 12/31/18 | \$529.61 | \$529.61 | 10-10-61510 | BENEFITS | \$0.00 | (\$38,201.04) |
| | | | | | \$4,824.05 | | | | | |
| | | | | | \$4,863.99 | | | | | |

Total GENERAL GOVERNMENT**FIRE DEPARTMENT**

| | | | | | | | | | | |
|--|--------------|----------|--|----------|----------|---------|-------------|----------|--------|------------|
| | 10061 | | MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2J4P4 | | | | | | | |
| | 0106012 1018 | 12/31/18 | MF LIFE/DISABILITY INS | 12/31/18 | \$54.46 | \$54.46 | 10-15-61510 | BENEFITS | \$0.00 | (\$200.00) |
| | 0106012 1218 | 12/31/18 | MF LIFE/DISABILITY INS | 12/31/18 | \$54.46 | \$54.46 | 10-15-61510 | BENEFITS | \$0.00 | (\$200.00) |
| | 0106012 518 | 12/31/18 | MF LIFE/DISABILITY INS | 12/31/18 | \$54.46 | \$54.46 | 10-15-61510 | BENEFITS | \$0.00 | (\$200.00) |
| | 0106012 618 | 12/31/18 | MF LIFE/DISABILITY INS | 12/31/18 | \$54.46 | \$54.46 | 10-15-61510 | BENEFITS | \$0.00 | (\$200.00) |
| | 0106012 718 | 12/31/18 | MF LIFE/DISABILITY INS | 12/31/18 | \$54.46 | \$54.46 | 10-15-61510 | BENEFITS | \$0.00 | (\$200.00) |
| | 0106012 818 | 12/31/18 | MF LIFE/DISABILITY INS | 12/31/18 | \$54.46 | \$54.46 | 10-15-61510 | BENEFITS | \$0.00 | (\$200.00) |
| | 0106012 918 | 12/31/18 | MF LIFE/DISABILITY INS | 12/31/18 | \$54.46 | \$54.46 | 10-15-61510 | BENEFITS | \$0.00 | (\$200.00) |
| | 0106120 1118 | 12/31/18 | MF LIFE/DISABILITY INS | 12/31/18 | \$54.46 | \$54.46 | 10-15-61510 | BENEFITS | \$0.00 | (\$200.00) |
| | | | | | \$435.68 | | | | | |

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 |
|--------|----------------|------|-------------|----------|-------------|--------------|----------------|---------------------|-------------|-------------|
|--------|----------------|------|-------------|----------|-------------|--------------|----------------|---------------------|-------------|-------------|

Total FIRE DEPARTMENT

\$435.68

PUBLIC WORKS

| | | | | | | | | | | |
|--------------|--|----------|----------|----------|--|--|-------------|--------------------|--------|----------------|
| 10061 | MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2J4P4 | | | | | | | | | |
| 0106012 1018 | 12/31/18 PW LIFE/DISABILITY INS. | 12/31/18 | \$251.48 | \$251.48 | | | 10-20-63050 | PUBLIC WORKS-LABOU | \$0.00 | (\$163,788.95) |
| 0106012 1218 | 12/31/18 PW LIFE/DISABILITY INS. | 12/31/18 | \$251.48 | \$251.48 | | | 10-20-63050 | PUBLIC WORKS-LABOU | \$0.00 | (\$163,788.95) |
| 0106012 518 | 12/31/18 PW LIFE/DISABILITY INS. | 12/31/18 | \$297.94 | \$297.94 | | | 10-20-63050 | PUBLIC WORKS-LABOU | \$0.00 | (\$163,788.95) |
| 0106012 618 | 12/31/18 PW LIFE/DISABILITY INS. | 12/31/18 | \$297.94 | \$297.94 | | | 10-20-63050 | PUBLIC WORKS-LABOU | \$0.00 | (\$163,788.95) |
| 0106012 718 | 12/31/18 PW LIFE/DISABILITY INS. | 12/31/18 | \$297.94 | \$297.94 | | | 10-20-63050 | PUBLIC WORKS-LABOU | \$0.00 | (\$163,788.95) |
| 0106012 818 | 12/31/18 PW LIFE/DISABILITY INS. | 12/31/18 | \$297.94 | \$297.94 | | | 10-20-63050 | PUBLIC WORKS-LABOU | \$0.00 | (\$163,788.95) |
| 0106012 918 | 12/31/18 PW LIFE/DISABILITY INS. | 12/31/18 | \$283.19 | \$283.19 | | | 10-20-63050 | PUBLIC WORKS-LABOU | \$0.00 | (\$163,788.95) |
| 0106120 1118 | 12/31/18 PW LIFE/DISABILITY INS. | 12/31/18 | \$251.48 | \$251.48 | | | 10-20-63050 | PUBLIC WORKS-LABOU | \$0.00 | (\$163,788.95) |

\$2,229.39

Total PUBLIC WORKS

\$2,229.39

ENVIRONMENT

| | | | | | | | | | | |
|--------------|--|----------|---------|---------|--|--|-------------|--------------------|--------|--------|
| 10061 | MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2J4P4 | | | | | | | | | |
| 0106012 1018 | 12/31/18 landfill and garbage benefits | 12/31/18 | \$82.36 | \$82.36 | | | 10-25-61510 | BENEFITS GARBAGE A | \$0.00 | \$0.00 |
| 0106012 1218 | 12/31/18 landfill and garbage benefits | 12/31/18 | \$82.36 | \$82.36 | | | 10-25-61510 | BENEFITS GARBAGE A | \$0.00 | \$0.00 |
| 0106012 518 | 12/31/18 landfill and garbage benefits | 12/31/18 | \$82.36 | \$82.36 | | | 10-25-61510 | BENEFITS GARBAGE A | \$0.00 | \$0.00 |
| 0106012 618 | 12/31/18 landfill and garbage benefits | 12/31/18 | \$82.36 | \$82.36 | | | 10-25-61510 | BENEFITS GARBAGE A | \$0.00 | \$0.00 |
| 0106012 718 | 12/31/18 landfill and garbage benefits | 12/31/18 | \$82.36 | \$82.36 | | | 10-25-61510 | BENEFITS GARBAGE A | \$0.00 | \$0.00 |
| 0106012 818 | 12/31/18 landfill and garbage benefits | 12/31/18 | \$82.36 | \$82.36 | | | 10-25-61510 | BENEFITS GARBAGE A | \$0.00 | \$0.00 |
| 0106012 918 | 12/31/18 landfill and garbage benefits | 12/31/18 | \$82.36 | \$82.36 | | | 10-25-61510 | BENEFITS GARBAGE A | \$0.00 | \$0.00 |
| 0106120 1118 | 12/31/18 landfill and garbage benefits | 12/31/18 | \$82.36 | \$82.36 | | | 10-25-61510 | BENEFITS GARBAGE A | \$0.00 | \$0.00 |

\$658.88

Total ENVIRONMENT

\$658.88

WATER

| | | | | | | | | | | |
|------|--|----------|----------|----------|--|--|-------------|---------------------|--------|--------------|
| 8907 | ONTARIO CLEAN WATER AGENCY, WATER PARK PLACE, 1 YONGE STREET, SUITE 1700, TORONTO, ON, M5E 1E5 | | | | | | | | | |
| 2018 | 12/31/18 BALANCE AT YEAR END | 12/31/18 | \$361.58 | \$361.58 | | | 10-30-64540 | WATER DISTRIBUTION- | \$0.00 | (\$9,675.46) |

Total WATER

\$361.58

BUILDING DEPARTMENT

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 |
|---|--|----------------|--|---|----------|-----------------|--------------|----------------|---------------------|-------------|--------------|
| | | 10061 | MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2J4P4 | | | | | | | | |
| | | 0106012 1018 | 12/31/18 | BUILDING INSPECTOR LIFE/DISABILITY INS. | 12/31/18 | \$123.00 | \$123.00 | 10-45-62700 | BUILDING INSPECTOR | \$0.00 | (\$4,722.14) |
| | | 0106012 1218 | 12/31/18 | BUILDING INSPECTOR LIFE/DISABILITY INS. | 12/31/18 | \$123.00 | \$123.00 | 10-45-62700 | BUILDING INSPECTOR | \$0.00 | (\$4,722.14) |
| | | 0106012 518 | 12/31/18 | BUILDING INSPECTOR LIFE/DISABILITY INS. | 12/31/18 | \$123.00 | \$123.00 | 10-45-62700 | BUILDING INSPECTOR | \$0.00 | (\$4,722.14) |
| | | 0106012 618 | 12/31/18 | BUILDING INSPECTOR LIFE/DISABILITY INS. | 12/31/18 | \$123.00 | \$123.00 | 10-45-62700 | BUILDING INSPECTOR | \$0.00 | (\$4,722.14) |
| | | 0106012 718 | 12/31/18 | BUILDING INSPECTOR LIFE/DISABILITY INS. | 12/31/18 | \$123.00 | \$123.00 | 10-45-62700 | BUILDING INSPECTOR | \$0.00 | (\$4,722.14) |
| | | 0106012 818 | 12/31/18 | BUILDING INSPECTOR LIFE/DISABILITY INS. | 12/31/18 | \$123.00 | \$123.00 | 10-45-62700 | BUILDING INSPECTOR | \$0.00 | (\$4,722.14) |
| | | 0106012 918 | 12/31/18 | BUILDING INSPECTOR LIFE/DISABILITY INS. | 12/31/18 | \$123.00 | \$123.00 | 10-45-62700 | BUILDING INSPECTOR | \$0.00 | (\$4,722.14) |
| | | 0106120 1118 | 12/31/18 | BUILDING INSPECTOR LIFE/DISABILITY INS. | 12/31/18 | \$123.00 | \$123.00 | 10-45-62700 | BUILDING INSPECTOR | \$0.00 | (\$4,722.14) |
| | | | | | | \$984.00 | | | | | |
| | | | | | | \$984.00 | | | | | |
| Total BUILDING DEPARTMENT | | | | | | | | | | | |
| RECREATION | | | | | | | | | | | |
| | | 9974 | RUTH LAGASSIE, ... | | | | | | | | |
| | | 021 | 12/31/18 | PARADE OF LIGHTS SNACK | 12/31/18 | \$120.00 | \$120.00 | 10-55-67500 | RECREATION-FUND RA | \$0.00 | (\$639.74) |
| | | | | | | \$120.00 | | | | | |
| | | | | | | \$120.00 | | | | | |
| Total RECREATION | | | | | | | | | | | |
| TROUT CREEK COMMUNITY CENTRE | | | | | | | | | | | |
| | | 10061 | MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2J4P4 | | | | | | | | |
| | | 0106012 1018 | 12/31/18 | TCCC LIFE/DISABILITY INS. | 12/31/18 | \$87.50 | \$87.50 | 10-75-61510 | BENEFITS | \$0.00 | (\$4,064.09) |
| | | 0106012 1218 | 12/31/18 | TCCC LIFE/DISABILITY INS. | 12/31/18 | \$87.50 | \$87.50 | 10-75-61510 | BENEFITS | \$0.00 | (\$4,064.09) |
| | | 0106012 518 | 12/31/18 | TCCC LIFE/DISABILITY INS. | 12/31/18 | \$87.50 | \$87.50 | 10-75-61510 | BENEFITS | \$0.00 | (\$4,064.09) |
| | | 0106012 618 | 12/31/18 | TCCC LIFE/DISABILITY INS. | 12/31/18 | \$87.50 | \$87.50 | 10-75-61510 | BENEFITS | \$0.00 | (\$4,064.09) |
| | | 0106012 718 | 12/31/18 | TCCC LIFE/DISABILITY INS. | 12/31/18 | \$87.50 | \$87.50 | 10-75-61510 | BENEFITS | \$0.00 | (\$4,064.09) |
| | | 0106012 818 | 12/31/18 | TCCC LIFE/DISABILITY INS. | 12/31/18 | \$87.50 | \$87.50 | 10-75-61510 | BENEFITS | \$0.00 | (\$4,064.09) |
| | | 0106012 918 | 12/31/18 | TCCC LIFE/DISABILITY INS. | 12/31/18 | \$87.50 | \$87.50 | 10-75-61510 | BENEFITS | \$0.00 | (\$4,064.09) |
| | | 0106120 1118 | 12/31/18 | TCCC LIFE/DISABILITY INS. | 12/31/18 | \$87.50 | \$87.50 | 10-75-61510 | BENEFITS | \$0.00 | (\$4,064.09) |
| | | | | | | \$700.00 | | | | | |
| | | | | | | \$700.00 | | | | | |
| Total TROUT CREEK COMMUNITY CENTRE | | | | | | | | | | | |
| SPORTSPLEX | | | | | | | | | | | |
| | | 10061 | MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2J4P4 | | | | | | | | |
| | | 0106012 1018 | 12/31/18 | SP LIFE/DISABILITY INS. | 12/31/18 | \$132.36 | \$132.36 | 10-80-61510 | BENEFITS | \$0.00 | (\$5,707.94) |
| | | 0106012 1218 | 12/31/18 | SP LIFE/DISABILITY INS. | 12/31/18 | \$132.36 | \$132.36 | 10-80-61510 | BENEFITS | \$0.00 | (\$5,707.94) |
| | | 0106012 518 | 12/31/18 | SP LIFE/DISABILITY INS. | 12/31/18 | \$132.36 | \$132.36 | 10-80-61510 | BENEFITS | \$0.00 | (\$5,707.94) |

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 |
|--------|--|----------------|----------|-------------------------|----------|-------------|--------------------|----------------|---------------------|-------------|--------------|
| | | 0106012 618 | 12/31/18 | SP LIFE/DISABILITY INS. | 12/31/18 | \$132.36 | \$132.36 | 10-80-61510 | BENEFITS | \$0.00 | (\$5,707.94) |
| | | 0106012 718 | 12/31/18 | SP LIFE/DISABILITY INS. | 12/31/18 | \$132.36 | \$132.36 | 10-80-61510 | BENEFITS | \$0.00 | (\$5,707.94) |
| | | 0106012 818 | 12/31/18 | SP LIFE/DISABILITY INS. | 12/31/18 | \$132.36 | \$132.36 | 10-80-61510 | BENEFITS | \$0.00 | (\$5,707.94) |
| | | 0106012 918 | 12/31/18 | SP LIFE/DISABILITY INS. | 12/31/18 | \$132.36 | \$132.36 | 10-80-61510 | BENEFITS | \$0.00 | (\$5,707.94) |
| | | 0106120 1118 | 12/31/18 | SP LIFE/DISABILITY INS. | 12/31/18 | \$132.36 | \$132.36 | 10-80-61510 | BENEFITS | \$0.00 | (\$5,707.94) |
| | | | | | | | \$1,058.88 | | | | |
| | | | | | | | \$1,058.88 | | | | |
| | | | | | | | \$11,412.40 | | | | |

Total SPORTSPLEX

Total Bills To Pay:

**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 | | | | | | | | | |
| 8781 | GREEN SHIELD CANADA, P.O. 1612, WINDSOR , ON, N9A 7A7 | | | | | | | | |
| 8016051 | 01/30/19 | A/R LIBRARY GREEN SHIELD1940.20 | 01/30/19 | \$299.64 | \$299.64 | 10-10-24600 | A/R LIBRARY BOARD | \$0.00 | (\$27,128.15) |
| 8016051 | 01/30/19 | OFFICE GREEN SHIELD | 01/30/19 | \$1,626.13 | \$1,626.13 | 10-10-61510 | BENEFITS | \$0.00 | \$0.00 |
| | | | | | \$1,925.77 | | | | |
| 8848 | MINISTER OF FINANCE - EHT, P.O. BOX 620 (EHT), OSHAWA , ON, L1H 8E9 | | | | | | | | |
| PR946 | 01/14/19 | Payroll from 12/29/2018 to 1/12/2019 | 01/14/19 | \$1,279.35 | \$1,279.35 | 10-10-33320 | A/P EHT | \$0.00 | \$2,019.43 |
| PR948 | 01/28/19 | Payroll from 1/12/2019 to 1/26/2019 | 01/28/19 | \$1,312.56 | \$1,312.56 | 10-10-33320 | A/P EHT | \$0.00 | \$2,019.43 |
| | | | | | \$2,591.91 | | | | |
| 8903 | OMERS, P.O. BOX 19575 SUITE 1701, TORONTO, ON, M7Y 3M1 | | | | | | | | |
| PR946 | 01/14/19 | Payroll from 12/29/2018 to 1/12/2019 | 01/14/19 | \$8,906.06 | \$8,906.06 | 10-10-33310 | A/P OMERS | \$0.00 | (\$4,025.67) |
| PR948 | 01/28/19 | Payroll from 1/12/2019 to 1/26/2019 | 01/28/19 | \$8,986.08 | \$8,986.08 | 10-10-33310 | A/P OMERS | \$0.00 | (\$4,025.67) |
| | | | | | \$17,892.14 | | | | |
| 8962 | ROGERS AT&T, P.O. BOX 9100, DON MILLS , ON, M3C 3P9 | | | | | | | | |
| 1974326131 | 01/30/19 | ROGERS CELL SERVICE | 01/30/19 | \$22.88 | \$22.88 | 10-10-61022 | D.PIEKARSKI-COUNCIL | \$0.00 | \$0.00 |
| 1974326131 | 01/30/19 | ROGERS CELL SERVICE | 01/30/19 | \$28.53 | \$28.53 | 10-10-61023 | R.HALL- COUNCIL | \$0.00 | \$0.00 |
| 1974326131 | 01/30/19 | P.MCISAAC - CELL | 01/30/19 | \$74.88 | \$74.88 | 10-10-61026 | P.MCISAAC-MAYOR | \$0.00 | \$0.00 |
| 1974326131 | 01/30/19 | MAUREEN CELL | 01/30/19 | \$45.86 | \$45.86 | 10-10-61550 | TELEPHONE & FAX | \$0.00 | (\$828.06) |
| 1974326131 | 01/30/19 | PROG COORDINATOR PHONE | 01/30/19 | \$80.48 | \$80.48 | 10-10-61754 | 250 CLARK-PROGRAM | \$0.00 | (\$15.76) |
| | | | | | \$252.63 | | | | |
| 9040 | WORKPLACE SAFETY & INSURANCE BOARD, P.O. BOX 4115, STATION A, TORONTO , ON, M5W 2V3 | | | | | | | | |
| PR946 | 01/14/19 | Payroll from 12/29/2018 to 1/12/2019 | 01/14/19 | \$2,023.98 | \$2,023.98 | 10-10-33330 | A/P WSIB | \$0.00 | \$696.96 |
| PR948 | 01/28/19 | Payroll from 1/12/2019 to 1/26/2019 | 01/28/19 | \$2,088.62 | \$2,088.62 | 10-10-33330 | A/P WSIB | \$0.00 | \$696.96 |
| | | | | | \$4,112.60 | | | | |
| 9080 | RECEIVER GENERAL - PAYROLL DEDUCTIONS, , , , , | | | | | | | | |
| PR948 | 01/28/19 | Payroll from 1/12/2019 to 1/26/2019 | 01/28/19 | \$7,978.07 | \$7,978.07 | 10-10-33200 | A/P FIT | \$0.00 | (\$2,894.96) |
| PR948 | 01/28/19 | Payroll from 1/12/2019 to 1/26/2019 | 01/28/19 | \$3,722.22 | \$3,722.22 | 10-10-33210 | A/P PIT | \$0.00 | (\$1,382.76) |
| PR948 | 01/28/19 | Payroll from 1/12/2019 to 1/26/2019 | 01/28/19 | \$2,577.85 | \$2,577.85 | 10-10-33220 | A/P EI | \$0.00 | (\$1,283.96) |
| PR948 | 01/28/19 | Payroll from 1/12/2019 to 1/26/2019 | 01/28/19 | \$6,290.64 | \$6,290.64 | 10-10-33230 | A/P CPP | \$0.00 | (\$2,573.22) |
| | | | | | \$20,568.78 | | | | |
| 9121 | SHELLEY BASTAIN, 2240B ALSACE RD, POWASSAN, ON, P0H 1Z0 | | | | | | | | |
| 326 | 01/30/19 | OFFICE CLEANING | | \$488.45 | \$488.45 | 10-10-61640 | OFFICE & EQUIPMENT | \$0.00 | (\$806.42) |
| 9758 | BELL TV, P.O. BOX 3250, STATION DON MILLS, NORTH YORK, ON, M3C 4C9 | | | | | | | | |
| 845520060023063 | 01/30/19 | BELL TV - FITNESS CENTRE | 01/30/19 | \$82.77 | \$82.77 | 10-10-61757 | FITNESS CENTRE@250 | \$0.00 | (\$233.99) |
| | | | | | \$91.92 | | | | |
| 9768 | OFFICE CENTRAL, 498 MARKLAND STREET BLDG 7, MARKHAM, ON, L6C 1Z6 | | | | | | | | |
| 1564582-0 | 01/30/19 | DIRECTIONAL SIGN | 01/30/19 | \$151.39 | \$151.39 | 10-10-61753 | 250 CLARK-BUILDING | \$0.00 | (\$3,665.69) |
| | | | | | \$168.11 | | | | |
| 10061 | MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2J4P4 | | | | | | | | |
| FEB 2019 | 01/30/19 | LIBRARY LIFE/DISABILITY INS | 01/30/19 | \$75.24 | \$75.24 | 10-10-24600 | A/R LIBRARY BOARD | \$0.00 | (\$27,128.15) |
| JAN 2019 | 01/30/19 | LIBRARY LIFE/DISABILITY INS | 01/30/19 | \$75.24 | \$75.24 | 10-10-24600 | A/R LIBRARY BOARD | \$0.00 | (\$27,128.15) |
| FEB 2019 | 01/30/19 | OFFICE LIFE/DISABILITY INS. | 01/30/19 | \$476.58 | \$476.58 | 10-10-61510 | BENEFITS | \$0.00 | \$0.00 |
| JAN 2019 | 01/30/19 | OFFICE LIFE/DISABILITY INS. | 01/30/19 | \$483.15 | \$483.15 | 10-10-61510 | BENEFITS | \$0.00 | \$0.00 |
| | | | | | \$1,110.21 | | | | |
| | | | | | \$51,807.60 | | | | |
| TOTAL GENERAL GOVERNMENT | | | | | | | | | |

Total GENERAL GOVERNMENT

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 |
|------------------------------|--|-------------|----------|-------------|--------------|----------------|-----------------------|-------------|-------------------|
| FIRE DEPARTMENT | | | | | | | | | |
| 8792 | HYDRO ONE NETWORKS, P.O. BOX 4102, STN A, TORONTO, ON, M5W 3L3 | | 01/30/19 | \$183.36 | \$183.36 | 10-15-62020 | FIRE DEPT.-OPERATIONS | \$0.00 | (\$1,516.37) |
| 200058393361 | 119 01/30/19 FIRE DEPT.-OPERATIONS | | 01/30/19 | \$193.17 | \$193.17 | 10-15-62020 | FIRE DEPT.-OPERATIONS | \$0.00 | (\$1,516.37) |
| 200233599007 | 119 01/30/19 FIRE DEPT.-OPERATIONS | | | | \$376.53 | | | | |
| 8962 | ROGERS AT&T, P.O. BOX 9100, DON MILLS, ON, M3C 3P9 | | 01/30/19 | \$24.63 | \$24.63 | 10-15-62020 | FIRE DEPT.-OPERATIONS | \$0.00 | (\$1,516.37) |
| 1974326131 | 01/30/19 FIRE CHIEF CELL | | 01/30/19 | \$58.10 | \$58.10 | 10-15-62020 | FIRE DEPT.-OPERATIONS | \$0.00 | (\$1,516.37) |
| 1974326131 | 01/30/19 DEPT FIRE CHIEF CELL | | | | \$82.73 | | | | |
| 9040 | WORKPLACE SAFETY & INSURANCE BOARD, P.O. BOX 4115, STATION A, TORONTO, ON, M5W 2V3 | | 01/30/19 | \$849.60 | \$849.60 | 10-15-62020 | FIRE DEPT.-OPERATIONS | \$0.00 | (\$1,516.37) |
| JAN 2019 | 01/30/19 WSIB FIRE DEPT | | | | \$849.60 | | | | |
| 9059 | BELL CANADA, PO BOX 9000, NORTH YORK, ON, M3C 2X7 | | 01/30/19 | \$33.49 | \$33.49 | 10-15-62020 | FIRE DEPT.-OPERATIONS | \$0.00 | (\$1,516.37) |
| 7057246880 | 119 01/30/19 FIRE DEPT.-OPERATIONS | | | | \$33.49 | | | | |
| 10061 | MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2J4P4 | | 01/30/19 | \$54.46 | \$54.46 | 10-15-61510 | BENEFITS | \$0.00 | \$0.00 |
| FEB 2019 | 01/30/19 MF LIFE/DISABILITY INS | | 01/30/19 | \$54.46 | \$54.46 | 10-15-61510 | BENEFITS | \$0.00 | \$0.00 |
| JAN 2019 | 01/30/19 MF LIFE/DISABILITY INS | | | | \$108.92 | | | | |
| Total FIRE DEPARTMENT | | | | | | | | | \$1,451.27 |
| PUBLIC WORKS | | | | | | | | | |
| 8781 | GREEN SHIELD CANADA, P.O. 1612, WINDSOR, ON, N9A 7A7 | | 01/30/19 | \$1,796.83 | \$1,796.83 | 10-20-63050 | PUBLIC WORKS- | \$0.00 | \$0.00 |
| 8016051 | 01/30/19 PW GREEN SHIELD | | | | \$1,796.83 | | | | |
| 8897 | NORTHERN UNIFORM SERVICE, 2230 ALGONQUIN ROAD, SUDBURY, ON, P3E 4Z6 | | 01/30/19 | \$225.01 | \$225.01 | 10-20-63060 | PUBLIC WORKS- | \$0.00 | (\$1,748.71) |
| 197791 | 01/30/19 PW UNIFORM RENTALS | | | | \$225.01 | | | | |
| 8927 | POWASSAN HOME HARDWARE & AUTO PARTS, P.O. BOX 148, POWASSAN, ON, P0H 1Z0 | | 01/30/19 | \$280.47 | \$280.47 | 10-20-63060 | PUBLIC WORKS- | \$0.00 | (\$1,748.71) |
| 24927 | 01/30/19 BATTERY | | | | \$280.47 | | | | |
| 8962 | ROGERS AT&T, P.O. BOX 9100, DON MILLS, ON, M3C 3P9 | | 01/30/19 | \$22.88 | \$22.88 | 10-20-63065 | PUBLIC WORKS MAT & | \$0.00 | \$0.00 |
| 1974326131 | 01/30/19 PW CELL | | 01/30/19 | \$5.65 | \$5.65 | 10-20-63065 | PUBLIC WORKS MAT & | \$0.00 | \$0.00 |
| 1974326131 | 01/30/19 PW CELL | | 01/30/19 | \$22.88 | \$22.88 | 10-20-63065 | PUBLIC WORKS MAT & | \$0.00 | \$0.00 |
| 1974326131 | 01/30/19 PUBLIC WORKS SURFACE TABLET | | 01/30/19 | \$22.88 | \$22.88 | 10-20-63065 | PUBLIC WORKS MAT & | \$0.00 | \$0.00 |
| 1974326131 | 01/30/19 ROGERS CELL SERVICE | | 01/30/19 | \$5.65 | \$5.65 | 10-20-63065 | PUBLIC WORKS MAT & | \$0.00 | \$0.00 |
| 1974326131 | 01/30/19 PUBLIC WORKSCELL | | | | \$79.94 | | | | |
| 9059 | BELL CANADA, PO BOX 9000, NORTH YORK, ON, M3C 2X7 | | 01/30/19 | \$90.15 | \$90.15 | 10-20-63060 | PUBLIC WORKS- | \$0.00 | (\$1,748.71) |
| 7057243532 | 119 01/30/19 PW GARAGE PHONE | | | | \$90.15 | | | | |
| 9669 | SERVICE ONE MUFFLERS, 400D KIRKPATRICK ST, NORTH BAY, ON, P1B 8G5 | | 01/30/19 | \$169.82 | \$169.82 | 10-20-63520 | 2011 FREIGHLINER- | \$0.00 | (\$1,052.42) |
| 50810 | 01/30/19 WIPER BLADES | | | | \$169.82 | | | | |

**Municipality of Powassan
A/P Preliminary Cheque Run
(Council Approval Report)**

| InvoiceNumber | Date | Description | Due Date | Invoice Amt | Approved Amt | Account Number | Account Description | Budgeted \$ | YTD Balance |
|-------------------------------|----------------------------------|--|----------------------------------|----------------------------------|--------------|----------------------------|--------------------------------|------------------|------------------|
| 9688 477 | 12/31/18 | MUNICIPALITY OF EAST FERRIS, 390 HIGHWAY 94, P.O. BOX 85, CORBELL, ON, P0H 1K0 MUNICIPALITY OF POWASSAN MAIN ST ENGINEERING | 12/31/18 | \$3,390.70 | \$3,390.70 | 10-20-63895 | CAPITAL-GAS TAX | \$0.00 | (\$336,445.62) |
| 10061 FEB 2019 JAN 2019 | 01/30/19 01/30/19 01/30/19 | MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2J4P4 PW LIFE/DISABILITY INS. PW LIFE/DISABILITY INS. | 01/30/19 01/30/19 01/30/19 | \$297.94 \$297.94 \$297.94 | \$3,390.70 | 10-20-63050 10-20-63050 | PUBLIC WORKS- PUBLIC WORKS- | \$0.00 \$0.00 | \$0.00 \$0.00 |
| | | | | \$595.88 | | | | | |
| Total PUBLIC WORKS | | | | \$6,628.80 | | | | | |

ENVIRONMENT

| | | | | | | | | | |
|-------------------------------|----------------------------------|--|----------------------------------|-------------------------------|----------|----------------------------|--------------------------------------|------------------|------------------|
| 8781 8016051 | 01/30/19 | GREEN SHIELD CANADA, P.O. 1612, WINDSOR, ON, N9A 7A7 GREEN SHIELD DRUG PLAN | 01/30/19 | \$597.86 | | 10-25-61510 | BENEFITS GARBAGE | \$0.00 | \$0.00 |
| 8792 200051438461 119 | 01/30/19 | HYDRO ONE NETWORKS, P.O. BOX 4102, STN A, TORONTO, ON, M5W 3L3 LANDFILL SITE-MAT/SUPPLIES HYDRO | 01/30/19 | \$163.31 | | 10-25-64910 | LANDFILL SITE- | \$0.00 | (\$50.00) |
| 8962 1974326131 | 01/30/19 | ROGERS AT&T, P.O. BOX 9100, DON MILLS, ON, M3C 3P9 LANDFILL SITE-CELL | 01/30/19 | \$5.65 | | 10-25-64910 | LANDFILL SITE- | \$0.00 | (\$50.00) |
| 9373 198-24383 | 01/30/19 | KROWN RUST CONTROL NORTH BAY, 514 GORMANVILLE RD, NORTH BAY, ON, P1B 4V5 CHAIN LUBE | 01/30/19 | \$97.69 | | 10-25-64830 | GARBAGE VEHICLE | \$0.00 | (\$960.66) |
| 9622 16929 | 01/30/19 | POWASSAN AUTO SERVICE, 717 MAIN ST, POWASSAN, ON, P0H 1Z0 BRAKE SERVICE | 01/30/19 | \$298.78 | | 10-25-64830 | GARBAGE VEHICLE | \$0.00 | (\$960.66) |
| 10061 FEB 2019 JAN 2019 | 01/30/19 01/30/19 01/30/19 | MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2J4P4 landfill and garbage benefits landfill and garbage benefits | 01/30/19 01/30/19 01/30/19 | \$82.36 \$82.36 \$82.36 | \$298.78 | 10-25-61510 10-25-61510 | BENEFITS GARBAGE BENEFITS GARBAGE | \$0.00 \$0.00 | \$0.00 \$0.00 |
| Total ENVIRONMENT | | | | \$1,328.01 | | | | | |

WATER

| | | | | | | | | | |
|--------------------------|----------|---|----------|-----------------|--|-------------|---------------------|--------|-----------|
| 8792 200025335054 119 | 01/30/19 | HYDRO ONE NETWORKS, P.O. BOX 4102, STN A, TORONTO, ON, M5W 3L3 WATER DISTRIBUTION-MAT/SUPPLIES | 01/30/19 | \$124.90 | | 10-30-64530 | WATER DISTRIBUTION- | \$0.00 | (\$22.07) |
| 9059 7057243319 119 | 01/30/19 | BELL CANADA, PO BOX 9000, NORTH YORK, ON, M3C 2X7 WATER PUMP HOUSE PHONE | 01/30/19 | \$44.39 | | 10-30-64510 | WATER PUMPHOUSE- | \$0.00 | (\$76.30) |
| Total WATER | | | | \$169.29 | | | | | |

BUILDING DEPARTMENT

| | | | | | | | | | |
|-----------------|----------|---|----------|-----------------|--|-------------|--------------------|--------|--------|
| 8781 8016051 | 01/30/19 | GREEN SHIELD CANADA, P.O. 1612, WINDSOR, ON, N9A 7A7 BUILDING INSPECTOR GREEN SHIELD | 01/30/19 | \$300.59 | | 10-45-62700 | BUILDING INSPECTOR | \$0.00 | \$0.00 |
| | | | | \$300.59 | | | | | |

(Council Approval Report)

| Invoice Number | Date | Description | Due Date | Invoice Amt | Approved Amt | Account Number | Account Description | Budgeted \$ | YTD Balance |
|----------------|--|---|----------|-------------|--------------|----------------|---------------------|-------------|-------------|
| 10061 | MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2J4P4 | | | | | | | | |
| FEB 2019 | 01/30/19 | BUILDING INSPECTOR LIFE/DISABILITY INS. | 01/30/19 | \$123.00 | \$123.00 | 10-45-62700 | BUILDING INSPECTOR | \$0.00 | \$0.00 |
| JAN 2019 | 01/30/19 | BUILDING INSPECTOR LIFE/DISABILITY INS. | 01/30/19 | \$123.00 | \$123.00 | 10-45-62700 | BUILDING INSPECTOR | \$0.00 | \$0.00 |
| | | | | | \$246.00 | | | | |

Total BUILDING DEPARTMENT

PROTECTION TO PERSONS & PROPERTY

| | | | | | | | | | |
|-----------------|--|---------------------------|----------|----------|--|-------------|--------------------|--------|---------------|
| 8781 | GREEN SHIELD CANADA, P.O. 1612, WINDSOR , ON, N9A 7A7 | 01/30/19 PPP | \$299.24 | 01/30/19 | | 10-50-61510 | BENEFITS | \$0.00 | \$0.00 |
| 8016051 | | | | | | | | | |
| 8855 | MINISTER OF FINANCE - OPP, 33 KING ST W, PO BOX 647, OSHAWA, ON, L1H 8X3 | 01/30/19 MONTHLY POLICING | \$848.16 | 01/30/19 | | 10-50-62500 | POLICING-OPP | \$0.00 | (\$44,249.84) |
| 111601190959006 | | | | | | | | | |
| 8962 | ROGERS AT&T, P.O. BOX 9100, DON MILLS , ON, M3C 3P9 | 01/30/19 BY-LAW CELL | \$62.26 | 01/30/19 | | 10-50-62580 | BY-LAW ENFORCEMENT | \$0.00 | (\$152.19) |
| 1974326131 | | | | | | | | | |
| 9962 | EMPLOYEE | 01/30/19 DENTAL | \$102.67 | 01/30/19 | | 10-50-61510 | BENEFITS | \$0.00 | \$0.00 |
| 61183300 119 | | | | | | | | | |

Total Protection to Persons & Property

RECREATION

| DATE | DESCRIPTION | AMOUNT | BALANCE | CHECK NO. | DATE | DESCRIPTION | AMOUNT | BALANCE | CHECK NO. |
|----------------|--|---------|---------|-----------|----------|-------------|---------|---------|-----------|
| 8962 | ROGERS AT&T, P.O. BOX 9100, DON MILLS, ON, M3C 3P9 | | | | | | | | |
| 1974326131 | 01/30/19 REC/GAP CELL | \$22.88 | | | 01/30/19 | | \$22.88 | | |
| | | | | | | | \$22.88 | | |
| 9059 | BELL CANADA, PO BOX 9000, NORTH YORK, ON, M3C 2X7 | | | | | | | | |
| 7057245689 119 | 01/30/19 SHCC MONTHLY PHONE BILL | \$37.58 | | | 01/30/19 | | \$37.58 | | |
| | | | | | | | \$37.58 | | |
| | | | | | | | \$60.46 | | |

Total RECREATION

HEALTH SERVICES

[illegible]

Total HEALTH SERVICES

HISTORICAL & CULTURE

[illegible]

Municipality of Powassan
A/P Preliminary Cheque Run
 (Council Approval Report)

| InvoiceNumber | Date | Description | Due Date | Invoice Amt | Approved Amt | Account Number | Account Description | Budgeted \$ | YTD Balance |
|------------------------------------|----------|--|----------|------------------------|------------------------|----------------------------|--|------------------|--------------------------------|
| TROUT CREEK COMMUNITY CENTRE | | | | | | | | | |
| 8781 8016051 | 01/30/19 | GREEN SHIELD CANADA, P.O. 1612, WINDSOR , ON, N9A 7A7 01/30/19 TCCC GREEN SHIELD | 01/30/19 | \$299.89 | \$299.89 | 10-75-61510 | BENEFITS | \$0.00 | \$0.00 |
| 8792 200109358575 119 | 01/30/19 | HYDRO ONE NETWORKS, P.O. BOX 4102, STN A, TORONTO , ON, M5W 3L3 01/30/19 HYDRO | 01/30/19 | \$1,156.57 | \$1,156.57 | 10-75-61610 | HYDRO | \$0.00 | \$0.00 |
| 8862 804530 | 01/30/19 | MOORE PROPANE LIMITED, 56 GIBSON ST, NORTH BAY , ON, P1B 8Z4 01/30/19 PROPANE | 01/30/19 | \$51.83 | \$51.83 | 10-75-61800 | SUPPLIES | \$0.00 | (\$164.37) |
| 8882 190168 | 01/30/19 | NGM NORTHLAND GLASS AND METAL LTD., 1335 FRANKLIN STREET, NORTH BAY , ON, P1B 2M4 01/30/19 GLASS DOOR REPAIRS | 01/30/19 | \$335.60 | \$335.60 | 10-75-61820 | MAINTENANCE | \$0.00 | (\$107.50) |
| 8962 1974326131 | 01/30/19 | ROGERS AT&T, P.O. BOX 9100, DON MILLS , ON, M3C 3P9 01/30/19 DALE CELL | 01/30/19 | \$39.60 | \$39.60 | 10-75-61550 | TELEPHONE & FAX | \$0.00 | (\$59.99) |
| 9165 155206 | 01/30/19 | BAY GRINDING INC, 69 COMMERCE CRESCENT, NORTH BAY, ON, P1B 8G4 01/30/19 BLADES SHARPENING | 01/30/19 | \$60.00 | \$60.00 | 10-75-61820 | MAINTENANCE | \$0.00 | (\$107.50) |
| 10061 FEB 2019 JAN 2019 | 01/30/19 | MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2J4P4 01/30/19 TCCC LIFE/DISABILITY INS. 01/30/19 TCCC LIFE/DISABILITY INS. | 01/30/19 | \$87.50 \$87.50 | \$87.50 \$87.50 | 10-75-61510 10-75-61510 | BENEFITS BENEFITS | \$0.00 \$0.00 | \$0.00 \$0.00 |
| Total TROUT CREEK COMMUNITY CENTRE | | | | | | | | | |
| | | | | \$2,118.49 | | | | | |
| SPORTSPLEX | | | | | | | | | |
| 8781 8016051 | 01/30/19 | GREEN SHIELD CANADA, P.O. 1612, WINDSOR , ON, N9A 7A7 01/30/19 SP GREEN SHIELD | 01/30/19 | \$425.09 | \$425.09 | 10-80-61510 | BENEFITS | \$0.00 | \$0.00 |
| 8792 200126071473 119 | 01/30/19 | HYDRO ONE NETWORKS, P.O. BOX 4102, STN A, TORONTO , ON, M5W 3L3 01/30/19 HYDRO | 01/30/19 | \$10,583.95 | \$10,583.95 | 10-80-61610 | HYDRO | \$0.00 | \$0.00 |
| 8840 135898 135899 | 12/31/18 | METAL-AIR MECHANICAL SYSTEMS, 2828 BELISLE DR, PO BOX 94, VAL CARON , ON, P3N 1N6 01/30/19 CHECK FOR AMMONIA LEAK 12/31/18 REPLACED VFD FOR CONDENSER FAN | 12/31/18 | \$502.83 \$4,238.35 | \$502.83 \$4,238.35 | 10-80-61950 10-80-61950 | BUILDING REPAIRS & BUILDING REPAIRS & | \$0.00 \$0.00 | (\$2,439.94) (\$112,460.58) |
| 8862 804529 | 01/30/19 | MOORE PROPANE LIMITED, 56 GIBSON ST, NORTH BAY , ON, P1B 8Z4 01/30/19 PROPANE REFILL | 01/30/19 | \$103.67 | \$103.67 | 10-80-61930 | ZAMBONI-REPAIRS & | \$0.00 | (\$129.51) |
| 8962 1974326131 | 01/30/19 | ROGERS AT&T, P.O. BOX 9100, DON MILLS , ON, M3C 3P9 01/30/19 MIKE CELL | 01/30/19 | \$58.91 | \$58.91 | 10-80-61550 | TELEPHONE & FAX | \$0.00 | \$0.00 |
| 8981 8760654 | 01/30/19 | SOCAN, 41 VALLEYBROOK DRIVE, TORONTO , ON, M3B 2S6 01/30/19 SOCAN FEES | 01/30/19 | \$111.92 | \$111.92 | 10-80-61555 | OFFICE EXPENSES | \$0.00 | (\$546.57) |

1/31/2019 8:56am

**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 |
|-------------------------------|----------------------------------|--|----------|----------------------------------|---------------------------------|---|----------------------------------|----------------------------|----------------------------|
| 9028 2345915 | 01/30/19 | VAUGHAN PAPER PRODUCTS INC., 1598 MAIN ST WEST, NORTH BAY , ON, P1B 2X3 | 01/30/19 | \$206.12 | \$206.12 | 10-80-61960 | BUILDING SUPPLIES | \$0.00 | (\$39.02) |
| 9165 155205 | 01/30/19 | BAY GRINDING INC, 69 COMMERCE CRESCENT, NORTH BAY, ON, P1B 8G4 | 01/30/19 | \$61.06 | \$61.06 | 10-80-61930 | ZAMBONI-REPAIRS & | \$0.00 | (\$129.51) |
| 10061 FEB 2019 JAN 2019 | 01/30/19 01/30/19 01/30/19 | MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2J4P4 | | \$132.36 \$132.36 \$132.36 | \$61.06 \$132.36 \$132.36 | 10-80-61510 10-80-61510 10-80-61510 | BENEFITS BENEFITS BENEFITS | \$0.00 \$0.00 \$0.00 | \$0.00 \$0.00 \$0.00 |
| Total SPORTSPLEX | | | | | \$16,556.62 | | | | |
| CEMETERIES | | | | | | | | | |
| 8792 200212441081 119 | 01/30/19 | HYDRO ONE NETWORKS, P.O. BOX 4102, STN A, TORONTO , ON, M5W 3L3 | 01/30/19 | \$27.13 | \$27.13 | 10-85-65110 | CEMETRY-SERVICE- | \$0.00 | \$0.00 |
| Total CEMETERIES | | | | | \$27.13 | | | | |
| Total Bills To Pay: | | | | | \$117,394.96 | | | | |

Birch@250 Clark, Recreation Schedule, Powassan Community Events, Powassan Events

Feb 2019 (Eastern Time - New York)

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|---|--|--|---|--------------------------------------|-------------|--|
| 27 | 28 | 29 | 30 | 31 | 1 | 2 |
| 12pm - Public Skating-TCCC 2pm - Kids Shinny Hockey | 7pm - Fire Department | 7pm - Council | 5pm - BEERFEST 5pm - NBMCA GEN. MTG 7pm - RECREATION 7pm - TCCCB | 9am - Planning Board | | 7:30am - Winter Farmers' Trivia Night |
| 12pm - Public Skating- 12pm - Public Skating-TCCC 2pm - Kids Shinny Hockey | 10am - MSF/OPP/FIRE 7pm - ACED Board @ | 6pm - BUSINESS MTG @ | 6pm - Emergency | DPSSSAB 6pm - Family Peer Support | TC CARNIVAL | |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| TC CARNIVAL 12pm - Public Skating- 12pm - Public Skating-TCCC 2pm - Kids Shinny Hockey | FAMILY DAY 6pm - PSB MEETING @ 250 7pm - Fire Department | RECYCLING PICK-UP 6pm - Public Works - TC @ 7pm - Council-TC @ Trout | | | | 8am - Standard First Aid |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 12pm - Public Skating- 12pm - Public Skating-TCCC 2pm - Kids Shinny Hockey | | | 6pm - MAPLE SYRUP 6pm - Maple Syrup Meeting | | | |