

# The Municipality of Powassan

## AGENDA

Regular Council meeting to be held  
Tuesday February 1, 2022 at 7:00 p.m.  
Powassan Council Chambers

### 1. CALL TO ORDER & ACKNOWLEDGE FIRST PEOPLES AND TRADITIONAL LAND

"We respectfully acknowledge that we are on the traditional territory of the Anishinaabe Peoples, in the Robinson-Huron and Williams Treaties areas. We wish to acknowledge the long history of First Nations and Métis Peoples in Ontario, and show respect to the neighbouring Indigenous communities. We offer our gratitude for their care for, and teachings about, our earth and our relations. May we continue to honour these teachings"

### 2. ROLL CALL

### 3. DISCLOSURE OF MONETARY AND GENERAL NATURE THEREOF

### 4. APPROVAL OF THE AGENDA

### 5. PRESENTATIONS:

### 6. ADOPTION OF MINUTES

6.1 Regular Council Meeting of January 18, 2021

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

7.1 Trout Creek Community Centre Board minutes of January 12, 2022

7.2 Powassan Public Works Committee minutes of January 20, 2022

### 8. MINUTES AND REPORTS FROM APPOINTED BOARDS

8.1 The Golden Sunshine Municipal Non-Profit Housing Corp. Board minutes 2021-08

8.2 ACED Draft Budget 2022

8.3 District of Parry Sound Social Services Administration Board- 2022 Budget

8.4 North Bay-Mattawa Conservation Authority 50<sup>th</sup> Anniversary

8.5 Powassan and District Union Public Library draft minutes of January 24, 2022

### 9. STAFF REPORTS

9.1 Memo-Funding Programs- K.Bester, Deputy Clerk

### 10. BY-LAWS

10.1 2022-03 Rezoning- 526 Main St. Powassan

### 11. UNFINISHED BUSINESS

### 12. NEW BUSINESS

- 12.1 O.P.P. Bridge Dedication Request Honouring Fallen Officer
- 12.2 OCWA- 2021 Powassan Lagoon Annual Report
- 12.3 Ministry of Municipal Affairs and Housing- Municipal Modernization Program
- 12.4 Knight Piesold- Annual Landfill Report

**13. CORRESPONDENCE**

**14. ADDENDUM**

**15. ACCOUNTS PAYABLE**

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

**17. PUBLIC QUESTIONS**

**18. CLOSED SESSION**

- 18.1 Adoption of Closed Session Minutes of January 18, 2022
- 18.2 Identifiable Individual- Section 239(2)(b) of the Municipal Act and under 6 (1)(b) of the Procedural By-Law- matters regarding an identifiable individual, including municipal or local board employees
- 18.3 Legal- Section 239(2)(f) of the Municipal Act and under 6 (1)(f) of the Procedural By-Law- advice that is subject to solicitor-client privilege, including communications necessary for that purpose.

**19. MOTION TO ADJOURN**

**Council Meeting**  
**Tuesday, January 18 2022, at 7:00 pm**  
**Powassan Council Chambers**

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

**Virtual:** Peter McIsaac, Mayor  
 Markus Wand, Councillor

**Staff:** Maureen Lang, CAO/Clerk  
 Terry Lang, IT

**Disclosure of Monetary Interest and General Nature Thereof:** None.

- 2022-17** Moved by: R. Hall Seconded by: D. Britton  
 That the agenda of the Regular Council meeting of January 18, 2022 be approved. **Carried**
- 2022-18** Moved by: D. Britton Seconded by: D. Piekarski  
 That the minutes of the Regular Meeting of Council of January 4, 2022 be adopted. **Carried**
- 2022-19** Moved by: D. Piekarski Seconded by: M. Wand  
 That the minutes from the Municipal Emergency Control Group meeting of January 12, 2022, be received. **Deferred**
- 2022-20** Moved by: M. Wand Seconded by: R. Hall  
 That the district of Parry Sound Social Services Administration Board's Chief Administrative Officer's Report dated January 2022, be received. **Carried**
- 2022-21** Moved by: R. Hall Seconded by: D. Piekarski  
 That the Memorandum from Deputy Clerk, K. Bester dated January 11, 2022 regarding the Official Plan be received. **Carried**
- 2022-22** Moved by: D. Britton Seconded by: M. Wand  
 That By-Law 2022-02, being a By-Law to provide for an interim Tax Levy for 2022.  
**READ a FIRST and SECOND** time on the 4<sup>th</sup> day of January 2022.  
**READ a THIRD and FINAL** time and considered passed as such in open Council on this 18<sup>th</sup> day of January, 2022 **Carried**
- 2022-23** Moved by: M. Wand Seconded by: R. Hall  
 That the Council of the Municipality of Powassan concurs with the request in Consent Application B3/POWASSAN/2022 for the creation of one new lot on Loxton Line by Applicants William & Carol Bartraw and Jim and Sharon Bartraw.

And requests that the North Almaguin Planning Board issue the following conditions for approval of the subject Consent application:

1. The lot must comply with the Municipality of Powassan Official Plan policies and Zoning By-law.

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2. Confirmation that the public road frontage on Loxton Line for the retained lot meets the Rural Zone regulation of 50 m OR that a Zoning Bylaw Amendment be approved to permit the retained lot to have less than the 50 m of frontage required in the RU (Rural) Zone. **Carried**

**2022-24** Moved by: D. Britton Seconded by: D. Piekarski  
That the Ontario Clean Water Agency's Powassan Water and Wastewater Systems Quarterly Operations Report dated October 1 – December 31<sup>st</sup>, 2021, be received. **Carried**

**2022-25** Moved by: R. Hall Seconded by: M. Wand  
That the Accounts Payable listing reports December 20, 2021, January 12, 13, 2022 in the total amount of \$643,762.13 be approved for payment. **Carried**

**2022-26** Moved by: D. Piekarski Seconded by: R. Hall  
That Council now adjourns to closed session at 7:20 p.m. to discuss:

- 18.1 Adoption of Closed Session minutes of January 4, 2022
- 18.2 Identifiable Individual – Section 239(2)(b) of the Municipal Act and under 6(1)(b) of the Procedural By-Law – matters regarding an identifiable individual, including municipal or local board employees.
- 18.3 Identifiable Individual – Section 239(2)(b) of the Municipal Act and under 6(1)(b) of the Procedural By-Law – matters regarding an identifiable individual, including municipal or local board employees.
- 18.4 Identifiable Individual – Section 239(2)(b) of the Municipal Act and under 6(1)(b) of the Procedural By-Law – matters regarding an identifiable individual, including municipal or local board employees.
- 18.5 Identifiable Individual – Section 239(2)(b) of the Municipal Act and under 6(1)(b) of the Procedural By-Law – matters regarding an identifiable individual, including municipal or local board employees.

**Carried**

**2022-27** Moved by: R. Hall Seconded by: M. Wand  
That Council reconvenes to regular session at 8:25 p.m. **Carried**

**2022-28** Moved by: D. Britton Seconded by: D. Piekarski  
That Council now adjourns at 8:25 p.m. **Carried**

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Mayor

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CAO/Clerk



**TROUT CREEK COMMUNITY CENTRE BOARD  
WEDNESDAY, JANUARY 12, 2022  
@ 7:00PM  
VIRTUAL ONLINE MEETING**

**1. Call to Order**

Motion 2022-01

Moved By: Brian Eckensviller

Seconded By: Ted Hummel

That the meeting be called to order at 7:22 p.m.

**PRESENT:**

Tyson Hummel  
Randy Hall – Councillor  
Ted Hummel  
Jeff Eckensviller- Chair  
Trina Hummel – Co Chair  
Brian Eckensviller  
Peter McIsaac – Mayor

**Absent with Regrets:**

Jeff Conrad  
Karen Chadbourn  
Elva Taggart

**STAFF:**

Dale Jardine- Arena Manager  
Norma Conrad – Recording Secretary

**2. Disclosure of pecuniary interest and general thereof:**

None

**3. Approval of Agenda**

Motion 2022-02

Moved By: Randy Hall

Seconded By: Trina Hummel

That the agenda is approved

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#### **4. Presentation(s)**

Chris Varey was unable to attend this virtual online meeting.

#### **5. Approval of Minutes**

Motion 2022-03

Moved By: Brian Eckensviller

Seconded By: Randy Hall

That the minutes of the previous meeting of November 10, 2021 be adopted.

#### **6. Manager's Report**

Arena Manager Dale Jardine started off by saying that everything at the Trout Creek Arena was running smoothly up until the closure of the arena because of Covid-19 now waiting on the next update, fingers crossed that the arena will open again. He then mentioned that the Satellite Receiver in the downstairs lobby took a power surge and needs to be repaired at a cost of \$170.00 a decision needs to be made, for now the programming is shut off.

Chair Jeff Eckensviller asked about the front entrance railing to be installed once flooring is completed. Dale advised that three businesses; J& J Equipment, Metal Fab and Advanced Railing Systems were approached or emailed to see if they would be interested in given a price quote. The only price quote that was received back was from Advanced Railing Systems. Their price quote to fabricate and install two stair rails was a cost of 2890.00 plus Hst of \$375.70 total amount of \$3265.70. There was a brief discussion. A motion was then passed.

Motion 2022-04

Moved By: Ted Hummel

Seconded By: Tyson Hummel

That the quotation of \$2890.00 plus hst \$375.70, total amount \$3265.70 submitted by Advanced Railing Systems for hand railings to be installed at the front entrance of the Trout Creek Arena be approved.

#### **7. Bar/Event/Food Coordinator**

Still a vacant position. Job posting is still posted.

#### **8. Member's Report**

Councillor Randy Hall was wondering if the new water drinking station was installed yet in the lobby at the Trout Creek Arena. Arena Manager Dale Jardine advised that it wasn't installed yet.

#### **9. Review Action Items**

##### **9.1) Carnival 2022**

The Trout Creek Community Centre Carnival will probably run on a smaller scale for this year do to the pandemic. Chair Jeff Eckensviller mentioned that he has reached out to the family hockey teams by email giving them some updated public health points for them to consider before they chose to play or not. In this email he mentions how the Covid-19 situation looks bleak right now but The Trout Creek Community Centre Board is beginning to make plans in anticipation of the possibility of running a 2022 Winter Carnival on Family Day Weekend Feb. 18, 19, 20 of 2022 with the full understanding that it will

most likely be altered or canceled altogether due to Municipal and/or Public Health measures. At a minimum right now the Trout Community Centre Board is entertaining the idea of hosting the family hockey tournament only. If this is to happen, we need to start planning now then cancel later if need be. At this time, we are surveying families to see if there is interest in entering a team whether we host a full, partial or no carnival component to the weekend. If there are enough interested teams to make a tournament worth the effort, we will then make proper arrangements to plan for the weekend. Current laws do not restrict the playing of hockey in the facilities but only reduced capacity to 50%. Typically, we ask teams to provide an answer around February 1<sup>st</sup> but because of the obvious public health uncertainties we are asking teams to provide an answer by Jan 20, 2022 so we have time to make a decision and alert teams if the tournament will be a go or not. We are sending emails out now to allow time for teams to contact players and still reply in a timely manner. Exact team entry fees are still to be determined but they have been \$550 for the past few seasons. He then reported that all Family teams through email want to register when it is time to do so.

## **9.2) Popcorn Machine**

Mayor Peter McIsaac asked the question is the Trout Creek Community Centre Board using their popcorn machine at this time. If it is not being used can the Powassan Sportsplex borrow the popcorn machine to use in their canteen, and if at anytime the Trout creek Community Centre Board needs the machine back for any event can request it back when need it.

## **10. New/Old Business/Correspondence**

### **10.1) Update on Reports**

#### **Structural Roof Ice Surface**

Chair Jeff Eckensviller advised that the tender for the structural report over the ice surface at the Trout Creek Arena did not go out for tender, but instead two municipal qualified staff one an Engineer and one a Chief Building Official did the inspection. They took a lot of pictures, then examined the pictures and the results showed that the structural frame is in good shape. They also mentioned that the steel connections had no evidence of deterioration either. So, all good for now.

#### **Trout Creek Community Centre Board Flooring Project**

Chair Jeff Eckensviller advised everyone that the floor contractor Randy Tessier was to come and measure up the lobby flooring and while there also chose a flooring colour. He asked Arena Manager Dale Jardine if the contractor had showed up yet. He advised, no he did not. Jeff mentioned that he will call Randy to see when he was coming. He also mentioned to Dale to delay the install of the front entrance railing until the flooring is complete.

## Modernization Plan

Councillor Randy Hall mentioned that he would like to see the Trout Creek Community Centre Board get a feasibility study done for upgrades to modernize and to improve accessibility to the Trout Creek Community Centre. He advised that we are now waiting for an R.F.P to be issued from Treasurer Brayden Robinson to proceed.

### 10.2) Budget

Councillor Randy Hall asked for the budget to be added to the agenda package. This information will be needed to be provided to Council very soon. He advised that we need to start taking a look at everything, any projects, any capital that we might request or any shortfalls previously budgeted from before. He mentioned that last week himself and Arena Manager Dale Jardine talked about getting some quotes for a new electric Zamboni.

### 10.3) Zamboni/Olympia Quote

Councillor Randy Hall and Arena Manager Dale Jardine called two different sales representatives, and got price quotes for a Zamboni and an Olympia ice cleaning machine. Randy began the discussion by saying that a new Zamboni will run around \$140,000 which includes delivery charges, taxes and a lithium battery, and mentioned that this battery has a twelve-year life cycle. If we were interested in purchasing a propane style machine it would cost \$100,000. For either machine there will be a six to eight-month delivery wait time once the order is processed for either machine. Arena manager Dale Jardine then reported that he received a price quote on an Olympia machine for the cost of \$130,000 for the machine which included taxes and delivery, but there will be an extra fee charge of \$8,500.00 for the battery. Dale also mentioned that this machine is compatible to a #520 model Zamboni. The delivery time is also a six to eight-month delivery once it is processed. One other thing that was mentioned by our Chair Jeff Eckensviller that Mike Heasman Arena Manager of the Sportsplex sent him some information on Net Zero Funding project. Mayor Peter McIsaac gave a brief discussion to the group about the Net Zero funding project.

## 11. Addendum

None

## 12. Accounts Payable

Motion 2022-04

Moved By: Tyson Hummel

Seconded By: Ted Hummel

That the accounts payable listings in the total amount (December 2021/January 2022) of \$16,922.08 be approved for payment.

## 13. Notice of Meeting

Motion 2022-05

Moved By: Trina Hummel

Seconded By: Randy Hall

That the next meeting be scheduled for February 9, 2022 at 7:00p.m.



**14. Closed Session**  
None

**15. Adjournment**

Motion 2022-06

Moved By: Brian Eckensviller

That the committee adjourned at 8:10 p.m.

Seconded By: Trina Hummel

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Chair

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Recording Secretary

**MINUTES** – Public Works Committee  
Thursday, January 20, 2022 – 6:30 pm

**Present:** Councillor/Chair D. Britton  
Mayor P. McIsaac, Councillor D. Piekarski  
Deputy Clerk/ Recording Secretary K. Bester, Director of Public Works & Engineering  
C. Munshaw, Public Works Foreman S. Toebes, Administrative Assistant A. Quinn  
OCWA Staff - Jose Casal, and Allison Mokracki (Presenters) / Paul Dyrda, Eric Nielson,  
Ted Smider

Meeting called to order at 6:30 pm.

4. Moved D. Piekarski, Seconded P. McIsaac  
That the agenda of the meeting of January 20, 2022 be approved. Carried
5. Moved by P. McIsaac, Seconded by D. Piekarski  
That the minutes of the December 13, 2021 meeting be approved. Carried
6. 6.1 OCWA Water and Wastewater Capacity Assessment Presentation:

OCWA staff's presentation provided information on both current water and wastewater use values, current capacity levels and estimated (conservative) requirements based upon a Municipal Development Plan comprised of short, mid and long term growth projections.

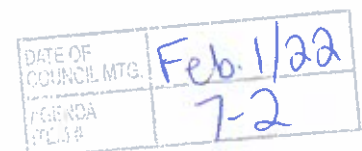
The short term growth projections included a 277 lot subdivision, 5 lots in the industrial park, a gas station with two take out restaurants and the Noah 50-unit build. Midterm growth included an additional 29 unconnected approved lots and a motel adjacent to the gas station. The development of 7 lots on Maple Crescent and the development of an approximately 50 acre parcel adjacent to Highway 11 and lagoons were included in the long term growth projections.

The water treatment system is currently operating at approximately 30% of capacity. Projected growth in the Short term was provided under two scenarios:

- Phase 1 - the Noah's build, a gas station and two take out restaurants, plus approximately 23 lots/houses in the proposed subdivision) would bring the water capacity to 80%,
- Phase 2 – Increase to 100% capacity (cautiously) by adding 85 additional houses, or a combination of 45 houses and 2 commercial establishments. Once this threshold is reached, it would be necessary to initiate studies/actions to expand the facility's capacity.

Conclusions:

The drinking water treatment system could potentially provide the demands for Short term growth projections, however mid and long term growth could only be achieved if the water treatment facility is expanded/upgraded.



The wastewater treatment system is currently operating at approximately 61% of capacity. Projected growth in the Short term included:

- Phase 1 – the Noah build and 25 lots/houses in the proposed subdivision would bring the wastewater capacity to 80%
- Phase 2 – Cautiously add an additional 60 lots/houses in the subdivision, bringing capacity to approximately 100%

Conclusions:

In the short term only a portion of the anticipated growth could be handled by the existing treatment system (sewage lagoon). Mid and long term growth capacity requirements could only be possible via expansion/upgrading of the Wastewater Treatment Facility.

Next Steps:

In order to facilitate expansion of the water or wastewater systems, Municipal Class EAs would be required to be initiated. These studies could begin once the capacity limits for either of the systems reached 80% or as soon as budgets / grants could provide the monies required. An estimate of the cost to do the EA's for both the water and wastewater facilities, including engineering and construction, is around \$645,000, with a timeline of approximately 4-5 years.

Other Information:

Water and wastewater services could be directed towards whichever development occurs first.

7. 7.1 Staff/Council Reports:

The NORDS funding will provide the Municipality with approximately \$103,594.40 per year for the next 5 years. Eligible projects include repairs/upgrading/construction of new infrastructure or other capital projects that are impacted by resource industry use. Funding would cover up to 100% of project costs and can be banked, with funding to be used by March 31, 2026. Municipal budget monies and/or other funding options could also be utilized, if available, to assist with the projects to be completed.

C. Munshaw provided possible options for NORDS funding use:

1. Alsace Road with estimated cost to be split between the Township of Nipissing and the Municipality – Projected municipal share estimate of \$200,000
2. Hummel Bridge – costing was not discussed
3. Three large culverts on Forestry Road – Projected cost of \$100,000-140,000
4. Paving of McCharles Line at an estimated cost of \$300,000
5. Surface treatment and ditching of Oakwood Road at an estimated cost of \$300,000-400,000 (depending on scope of ditching)
6. Micro surfacing and sealing of cracks on Memorial Drive East at an estimated cost of \$250,000

The Public Works committee agreed that C. Munshaw should identify the following potential projects for the funding at this time: Memorial Park Drive East, Alsace Road and Forestry Road culverts.

7.2 New/Used Grader:

The current grader is a 1999 with 19,000 hours on it. It is used extensively for road grading and snow plowing.

C. Munshaw provided the following details regarding options for purchasing either a new or used grader:

New grader – two currently available – wait time if we order might be a year. Cost would be approximately \$437,000 – 475,000. One year warranty provided plus 5 year warranty on power train. Interest rate for new equipment loan would be lower than for the purchase of used equipment. A new grader could potentially be used for up to 20 years.

Used grader – a couple of options found included – a 3 year old grader with 1,000 hours at a cost of \$340,000 and a 6-7 year old grader with 4,000 hours at a cost of \$300,000. The used grader would have no warranty. Interest rate for purchase would be higher than for a new one. A used grader would need repair / replacement if a major component failed and the cost for this would be substantial.

D. Piekarski asked if C. Munshaw could provide a chart – showing details for both new and used graders – cost / interest rate / payments, etc.

### 7.3 Public Works Sand Dome Roof:

C. Munshaw advised that an area of the roof is leaking and needs to be repaired. The cost to replace the entire roof would be approximately \$40,000, or alternatively, just the area that is leaking could be re-shingled. Other areas of the roof may need repair shortly if it is not replaced.

### 10. Notice of Schedule of New Committee Meeting

The next Public Works meeting will be held on Tuesday, February 22, 2022 – at 6:30.

11. Moved by D. Piekarski, Seconded by P. McIsaac  
That the meeting be adjourned at 7:54 pm

Carrie.

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The Golden Sunshine Municipal Non-Profit Housing Corporation  
Minutes of the Board of Directors Meeting  
2021-08

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Tuesday December 14, 2021

A regular meeting of the Golden Sunshine Municipal Non-Profit Housing Corporation board was held on Tuesday December 14, 2021

Present: Dave Britton, Doug Walli, Bernadette Kerr, Debbie Piekarsk, Zigmas Rybij, Shelley Nickerson and Amber Mclsaac - Temporary Property Manager

1. Call to order

**Resolution No. 2021-53**– Moved by Bernadette, seconded by Debbie that the meeting was called to order at 9:30 a.m. Carried

2. Additions to Agenda – None

3. Approval of the Agenda

**Resolution No. 2021-54**– Moved by Debbie, seconded by Bernadette that the agenda be adopted as presented. Carried

4. Conflict of Interest Disclosure – No conflict of interest

5. Approval of the Minutes from November 9, 2021 board meeting

**Resolution No. 2021-55**– Moved by Doug seconded by Bernadette that the minutes from the Board meeting on November 9, 2021 are adopted as presented. Carried

6. Business arising

a) DPSSAB Contract Agreement

Contract Agreement from the Parry Sound District Social Services Administration Board presented and a discussion took place.

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**Resolution No. 2021-56**– Moved by Debbie seconded by Zigmas that GSMNP accepts the contract agreement as presented with the PSDSSAB, starting January 1, 2022 to December 31, 2024. Carried

**b) Retaining Wall**

A quote from Evan Hughes Excavating in the amount of \$26, 680.00 plus HST was presented to the board to replace the current wood retaining wall with pre-engineered concrete blocks. The wall needs to be replaced before the Make Up Air Unit/ HVAC system can be installed. No other contractors were able to provide quotes. The DPSSAB to provide funding for half the project and the other half will be paid for by the GSMNP from its capital reserves.

**Resolution No. 2021-57**– Moved by Zigmas seconded by Debbie that the GSMNP accepts the quote as presented from Evan Hughes Excavating in the amount of \$26, 680.00 to replace the existing retaining wall to allow the installation of the new HVAC system.  
Carried

**c) COCHI Funding**

An application for funding from the Canada- Ontario Housing Initiative was approved in the amount of \$44, 623.08 and must be used for repairs to the building. To meet the deadline all quotes needed to be submitted by the GSMNP before December 10<sup>th</sup>, 2021, to the PSDSSAB. The following quotes were presented to the board: Painting of fences and exterior of building, balcony repairs, upgrade exterior lighting, Install automatic front doors.

**Resolution No. 2021-58**– Moved by Debbie seconded by Doug that the GSMNP accepts the quote as presented from Meph's Masonry in the amount of \$29, 980 for balcony repairs.  
Carried

**Resolution No. 2021-59**– Moved by Doug seconded by Debbie that the GSMNP accepts the quote as presented from Jim's Locksmithing in the amount of \$4, 976.50 and Lawrence Electrical Services INC., in the amount of \$939.00 to install automatic operating doors at the main entrance of the apartment building. Carried

#### **d) Budget**

A draft copy of the 2022 operating budget was presented. A discussion took place regarding the amount to be placed in the capital reserve fund at the end of the year and possibility of completing a capital project in 2021 with this year's surplus.

**Resolution No. 2021-60**– Moved by Doug seconded by Zigmas that the GSMNP accepts the quote as presented from Lawrence Electrical Services INC., in the amount of \$5, 500 to fix, upgrade and increase the parking lot lighting, under the expectation that the work can be completed, invoiced and paid for in the 2021 fiscal year. Carried

All other budget items differed to the next meeting. Amber to send a copy of the draft budget to the PSDSSAB before December 31, 2021.

#### **7. New Business**

##### **a) Resignation Letter**

Resignation letter from Sheila Hodgins was presented to the board. Amber to send a letter to Sheila thanking her for her time with the GSMNP and post a sign to all tenants in an effort to find a replacement.

##### **b) Move in, Move out Procedure**

The Tenant Hand Book Committee met in November and discussed the Move in and move out procedure. Debbie presented a template to the board asking for input in regards to creating this procedure. Amber will contact other apartment buildings to compare their process and create a streamlined procedure to present to the board at the next meeting for input and approval.

##### **c) Closed Session**

#### **8. Old Business**

##### **a) Letters Patent**

Letters Patent was previously submitted by Shelley and is approved.

#### **8. Correspondents**

##### **a) Managers Report**

Amber presented hydro costs to the board as requested from the previous meeting. A typical block heater costs on average for 5 months \$182.90 per parking space. A typical window air conditioner for 3 months costs \$234.00. Costs to maintain the parking lot have increased due to the town no longer providing winter maintenance. Mike Wagner and Rob Loy to provided winter

maintenance to the parking lot for 2021/2022. A discussion took place regarding a cost for tenant parking and possibility of increasing the yearly fee for tenant's air conditioners.

**Resolution No. 2021-62**– Moved by Debbie seconded by Bernadette that the GSMNP will introduce a parking fee of \$150 and \$100 for use of air conditioners for current tenants starting January 1, 2023 and for any new tenants for 2022. Carried

Amber to send out information to tenants as soon as possible to inform them of the changes.

Cleaning employee has been given an extra 15 hours for the month of December to provide deep cleaning in the building.

The board granted Amber 1 week off at Christmas time. Amber to communicate a plan with the board if working from home is needed in January based on possibility of school closures.

A \$200 cheque was presented to The Seniors of the Pines social committee for a Christmas dinner to be held on December 17<sup>th</sup>. Amber advised the committee to contact the health unit and follow all local public health guidelines.

**b) Financial Report –**

**Resolution No. 2021-63** – Moved by Debbie, seconded by Bernadette that the board approves the November 2021 Financials that were presented. Carried

**9. Next Board Meeting** - Tuesday January 18, 2022 in the Common Room @ 9:30am

**10. Adjournment**

**Resolution No. 2021-64**– Moved by Doug, seconded by Debbie that the board meeting be adjourned at 11:15. Carried

  
\_\_\_\_\_  
President, Dave Britton

  
\_\_\_\_\_  
Property Manager, Amber Mclsaac



## 2022 Budget Sheets - Actuals as of December 31st, 2021

### Regional Economic Development

#### Operating Budget - Page 1

GL Number	Description	2021 Actual	2021 Budgeted	2022 Department Estimate	Notes
	Revenues				
13-807-000	ACED surplus	\$0.00	\$0.00	\$0.00	
15-370-000	Municipal & Chamber Contributions				
	Armour	(\$7,500.00)	(\$10,000)	(\$10,000)	
	Burk's Falls	(\$7,500.00)	(\$10,000)	(\$10,000)	
	Joly	(\$3,750.00)	(\$5,000)	(\$5,000)	
	Magnetawan	(\$7,500.00)	(\$10,000)	(\$7,500)	Note 1: Contribution for period ending Sept. 30, 2021.
	Perry	(\$7,500.00)	(\$10,000)	(\$10,000)	
	Powassan	(\$7,500.00)	(\$10,000)	(\$10,000)	
	Ryerson	(\$7,500.00)	(\$10,000)	(\$10,000)	
	South River	(\$7,500.00)	(\$10,000)	(\$10,000)	
	Strong	(\$7,500.00)	(\$10,000)	(\$10,000)	
	Sundridge	(\$7,500.00)	(\$10,000)	(\$10,000)	
	Chamber of Commerce	(\$5,000.00)	(\$10,000)	(\$10,000)	
	Total Municipal & Chamber Contrib.	(\$76,250.00)	(\$105,000)	(\$102,500)	
15-370-005	User fees - Almaguin Harvest Spin	\$0.00	(\$10,000)	\$0	
15-370-008	Staycation contributions	(\$15,250.00)	\$0	\$0	
15-371-000	CIINO Funding	(\$94,127.00)	(\$129,500)	(\$162,000)	Note 2: Represents 84.27% of total salaries + 28% in benefits.
15-371-002	FedNor - Harvest Spin/Staycation	(\$1,901.00)	(\$19,717)	\$0	
15-371-003	FedNor - Implement Brand Strategy	\$0.00	(\$40,000)	(\$86,000)	Note 3: 36.17% of \$239,000 (Shared in 15-372-003 & 15-370-000)
15-371-005	OBIAA Funding - Intern	(\$4,897.21)	(\$4,850)	\$0	
15-371-007	NECO - Staycation Program	(\$10,000.00)	\$0	\$0	Note 4: Applied for and disbursed in 2021 (non-budgeted).
15-371-008	NECO - Regional Relief & Recovery	\$0.00	\$0	\$0	Note 5: Non active. Applied for and disbursed in 2020.
15-372-000	NOHFC Funding - Intern	(\$22,883.14)	(\$7,280)	\$0	Note 6: Internship closed Sept. 30, 2021.
15-372-001	NOHFC - Almaguin Harvest Spin	\$0.00	(\$15,000)	\$0	Note 7: Application not submitted in favour of Reconnect.
15-372-002	NOHFC - Almaguin Brand Strategy	\$0.00	\$0	\$0	Note 8: Final payment retroactively paid in 2020.
15-372-003	RED - Implement Brand Strategy	\$0.00	(\$60,000)	(\$119,500)	Note 9: 50% of \$239,000 (shared in 15-371-002 & 15-370-000).
15-373-001	MHSTIC - Reconnect Grant	(\$13,160.00)	\$0	\$0	
	<b>Total Regional Economic Development revenues</b>	<b>(\$238,468.35)</b>	<b>(\$391,347)</b>	<b>(\$470,000)</b>	

FILE OF COUNCIL MTC  
 10A  
 Feb. 1/22  
 8-2

**2022 Budget Sheets - Actuals as of December 31st, 2021**

**Regional Economic Development**

**Operating Budget - Page 2**

GL Number	Description	2021 Actual	2021 Budgeted	2022 Department Estimate	
	<b>Expenditures</b>				
16-801-000	Salaries & Benefits	\$157,887.86	\$210,050	\$259,869	Note 10: Reflects salaries for 3 employees for a full year.
16-804-001	Office Supplies	\$2,252.06	\$3,000	\$3,000	
16-804-005	Audit & Accountant Fees	\$0.00	\$4,000	\$4,500	
16-804-007	Legal Fees	\$0.00	\$0	\$0	
16-804-010	Advertising & Promotion	\$3,544.79	\$3,550	\$4,500	
16-804-020	Telephone	\$1,435.45	\$2,500	\$2,500	
16-804-025	Website	\$237.75	\$2,500	\$2,000	
16-804-030	Events & Seminars	\$1,086.75	\$4,000	\$4,000	
16-804-040	Training & Workshops	\$2,839.39	\$4,000	\$4,000	
16-804-050	Travel	\$2,068.69	\$6,000	\$6,000	
16-804-060	Office Rental	\$0.00	\$0	\$0	
16-804-062	Regional Relief & Recovery Program	\$0.00	\$0	\$0	
16-804-063	Almaguin Harvest Spin	\$0.00	\$45,000	\$0	
16-804-064	Almaguin Brand Strategy	\$0.00	\$0	\$0	
16-804-065	Regional Projects	\$6,452.13	\$26,747	\$10,203	Note 11: May change based on any 2021 surplus.
16-804-066	Implement Almaguin Brand Strategy	\$0.00	\$80,000	\$169,428	Note 12: \$239,000 less salaries & benefits in 16-801-000.
16-804-070	Transfer to EDC Reserve	\$0.00	\$0	\$0	
16-804-071	Staycation Program	\$32,086.43	\$0	\$0	
	<b>Total Regional Economic Development expenditures</b>	<b>\$209,891.30</b>	<b>\$391,347</b>	<b>\$470,000</b>	
	<b>Total Regional Economic Development</b>	<b>(\$28,577.05)</b>	<b>\$0</b>	<b>\$0</b>	

GL Number	Expenditures	Item Cost	Budget AMT
16-804-001	Office Supplies		\$3,000
	Office 365 (5 user)	\$ 100	
	Kaspersky A/V (5 user)	\$ 100	
	Survey Monkey	\$ 460	
	Zoom Account	\$ 280	
	Adobe Creative Cloud	\$ 985	
	Misc Supplies	\$ 1,075	
	<b>Total</b>	<b>\$ 3,000</b>	
16-804-010	Advertising & Promotion (General)		\$4,500
16-804-025	Website		\$2,000
	Domain, hosting & email fees (2 sites)	\$ 600	
	Website Contingency	\$ 1,400	
	<b>Total</b>	<b>\$ 2,000</b>	
16-804-030	Events & Seminars		\$4,000
	Business Support Events	\$ 2,000.00	
	AHCC Partnerships	\$ 2,000.00	
	<b>Total</b>	<b>\$ 4,000.00</b>	
16-804-040	Training & Workshops		\$4,000
	EDCO & EDAC memberships	\$ 1,500	
	Professional Development	\$ 1,000	
	General Admission Fees(Conferences, etc)	\$ 1,500	
	<b>Total</b>	<b>\$ 4,000</b>	
16-804-064	Almaguin Brand Strategy		\$169,428
	Almaguin Website Development	\$ 15,000	
	Third Party Implementation Support	\$ 20,000	
	Brand Ambassador Programming	\$ 10,000	
	Regional Guide Creation, Mapping and Print	\$ 20,000	
	Photography and Videography	\$ 20,000	
	Brand Adoption & Awareness	\$ 20,000	
	Marketing Partnership Program	\$ 64,428	
	<b>Total</b>	<b>\$ 169,428</b>	
16-804-065	Regional Projects		\$10,203
	Project 1E - Win this Space	\$ 1,000	
	Project 2A - Community G.R.O.	\$ 2,000	
	Project 3C - Carpool Almaguin	\$ 2,500	
	Project 4B - Ag Sstrategy	\$ 1,703	
	Project 4D - Shop in Almaguin	\$ 1,000	
	Project 5A - RED Gala	\$ 2,000	
	<b>Total</b>	<b>\$ 10,203</b>	

**DISTRICT OF PARRY SOUND SOCIAL SERVICES  
ADMINISTRATION BOARD**

**2022 BUDGET**

**APPROVED January 13, 2022**

DATE OF COUNCIL MTG.	Feb. 1/20
AGENDA ITEM #	8-3

**DISTRICT OF PARRY SOUND SOCIAL SERVICES ADMINISTRATION BOARD  
2022 BUDGET  
OVERVIEW**

**OVERVIEW:**

The 2022 budget for the District of Parry Sound Social Services Administration Board (DSSAB) was approved on January 13, 2022 with a 1% increase to the municipal levy from the prior year.

Overall changes to the municipal levy are as follows:

<b>2021 Budgeted Levy</b>	<b>\$6,421,953</b>
OW Program decrease	(21,288)
Child Care decrease	(91,500)
Social Housing increase	82,000
Community Services increase	74,469
Corporate Services decrease	(48,635)
One-time reserve contribution	64,220
Other Reserve Contributions increase	<u>4,954</u>
<b>2022 Budgeted Levy</b>	<b>\$6,486,173</b>

The DSSAB budgets are prepared with two primary goals: minimizing municipal levy fluctuations and maximizing Provincial:Municipal cost sharing arrangements.

Program costs include a general inflationary increase to expenses.

The budget includes adjustments for collective agreement obligations and a CPI increase for non-union staff for the year.

Ontario Works financial assistance costs have been budgeted at the same level as in 2021. It should be noted that the Province is planning to change the definition of disability for the Ontario Disability Support Program (ODSP) to align it with the definition used in federal government benefit programs. This change has the potential of reducing ODSP caseloads and increasing Ontario Works (OW) caseloads across the Province.

The Province is also planning to transform employment services for all job seekers. Included within this is the integration of Ontario Works social assistance employment services into Employment Ontario. At this point in time, we have no way of ascertaining what the impact of this change will be to our operations and whether or not we will be providing these supports for our clients.

Ontario Works program costs have been reduced by \$91,831 due to a redistribution of staffing between our Ontario Works and Homelessness programs, in response to the proposed changes mentioned above. The corresponding decrease to the municipal levy is \$21,288 as per cost sharing guidelines.

**DISTRICT OF PARRY SOUND SOCIAL SERVICES ADMINISTRATION BOARD  
2022 BUDGET  
OVERVIEW and DIRECTION**

Child Care Program costs have decreased by \$137,938 from 2021 to 2022. This is predominantly the result of reducing our child care administration costs due to reductions in related funding from the Province. At the same time, our parent fee revenue will increase as our child care basic rate will be rising \$1 per day. Any parent fee revenue received helps to reduce our municipal levy.

Social Housing program costs have decreased by \$176,391 from 2021 to 2022. However, due to a \$216,261 decrease in federal funding the net result is an increase in the municipal levy of \$82,000. The major decreases in costs are due to the changes in non-profit housing subsidies and debenture payments (two social housing projects reached the end of their operating agreements in 2021). Other operating costs have been reduced where possible to offset this loss in revenue, but with inflation running at over 4% in the Province, costs continue to rise to meet the ongoing repairs and maintenance challenges of our buildings.

Community Services program costs, for our Violence Against Women and Homelessness Programs have increased by \$262,813 with a corresponding increase to the municipal levy of \$74,469. The majority of these costs relate to staffing increases in the Homelessness Program. In order to support people through this program during covid, we have added a team lead and two community relations works to the staffing complement.

Corporate Services costs have decreased by \$16,635. Removal of the one-time cost allocation in 2021 of \$100,000 is offset by inflationary increases to staffing and operating costs. Combined with an increased allocation to the programs, the net result is an overall decrease to the municipal levy of \$48,635.

The Social Assistance Restructuring allocation has been held at the same level as the prior year. We continue our practice of spending the prior year's allocation in the current year. These funds are used to support those in our communities with the most limited resources and include funding for local food banks, the emergency shelter and energy program, community based supports for children and the Transitional Support.

**DISTRICT OF PARRY SOUND SOCIAL SERVICES ADMINISTRATION BOARD**  
**2022 BUDGET**  
**OVERVIEW and DIRECTION**

**OTHER ISSUES and CONCERNS:**

Homelessness and Affordable Housing are now recognized as the greatest challenge for municipalities in our District, as well as in the Province. Our Housing department continues to work to identify opportunities to address the housing shortage through the Canada-Ontario Affordable Housing Programs. Since 2006, investment in our District under these programs has reached \$10,562,173.

The expiration of operating agreements for our non-profit housing providers is an issue of concern. As the operating agreements end, the related federal funding ends. Providers may at that point (if we are in agreement) decide to end their partnership with the DSSAB and convert their housing into market rent units – thereby reducing the social housing stock in the District. We have successfully negotiated continuing agreements with two non-profit programs in the District this year, thereby maintaining the related social housing units for these vulnerable tenants.

As reported in the past, the Local Housing Corporation buildings were transferred from the Province to the DSSAB without capital reserves. One of our greatest priorities over the years has been to minimize the risk of a potential capital fund deficit for these buildings. Based on our building condition assessments and our capital planning process we have established a consistent funding approach with a yearly contribution of \$800,000 (\$700,000 from the municipal levy and \$100,000 from investment income) to minimize levy variability and formulate funding costs into the future.

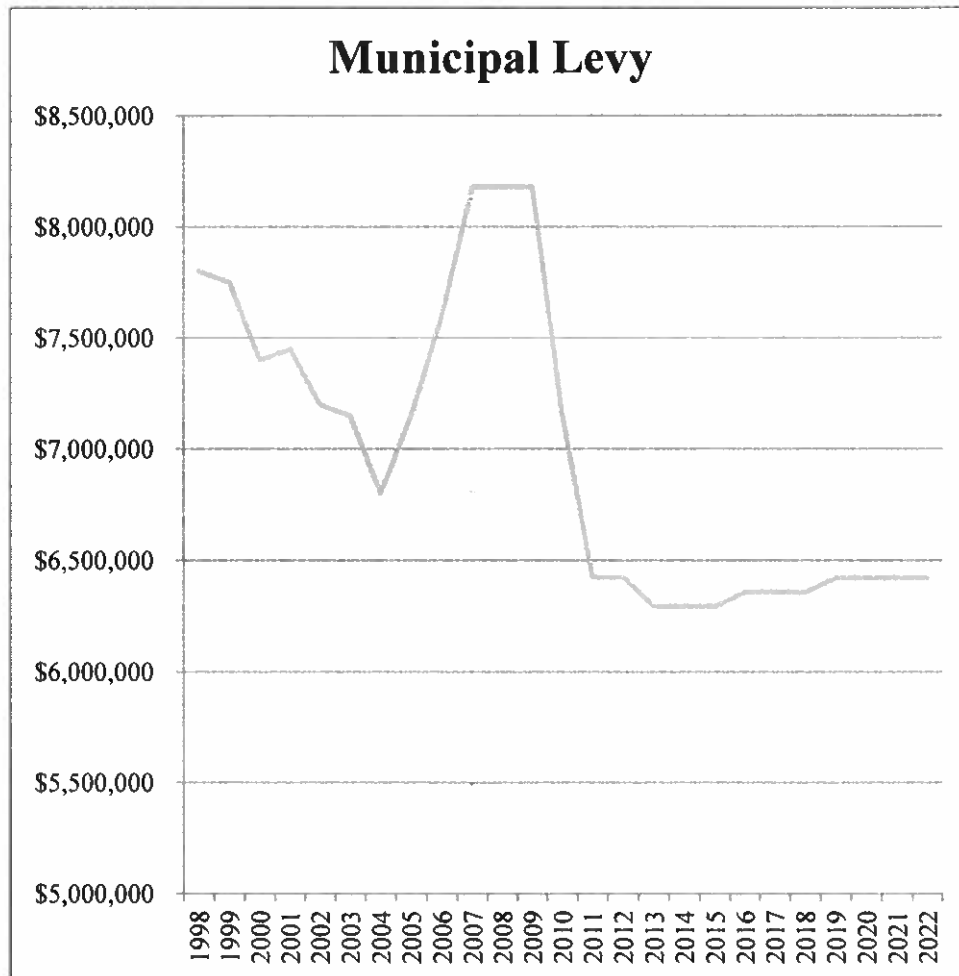
Further to this, the Board approved a 1% increase of \$64,220 to the levy as a one-time contribution to reserves. These funds are being held to support the organization with any critical needs that might arise in the future.

**DISTRICT OF PARRY SOUND SOCIAL SERVICES ADMINISTRATION BOARD**  
**2022 BUDGET**  
**SUMMARY OF MUNICIPAL LEVY: OPERATING AND CAPITAL**  
**1.0% INCREASE TO LEVY**

	2019 ACTUAL	2020 ACTUAL	2021 BUDGET	2022 BUDGET	% CHANGE IN LEVY
<b>OPERATING FUND</b>					
ONTARIO WORKS	1,186,839	1,057,730	1,184,242	1,162,954	-0.33%
CHILD CARE	485,680	921,093	541,090	449,590	-1.42%
SOCIAL HOUSING	2,309,993	2,422,894	2,450,000	2,532,000	1.28%
COMMUNITY SERVICES	86,682	112,442	156,940	231,409	1.16%
CORPORATE SERVICES	586,136	543,094	724,635	676,000	-0.76%
DSSAB MUNICIPAL INITIATIVES	350,000	264,700	270,000	270,000	0.00%
<b>MUNICIPAL COST</b>	<b>5,005,330</b>	<b>5,321,953</b>	<b>5,326,907</b>	<b>5,321,953</b>	<b>-0.08%</b>
<b>TRANSFERS TO (FROM) OPERATING RESERVES/CONTINGENCY</b>	<b>316,623</b>	<b>-</b>	<b>(4,954)</b>	<b>64,220</b>	<b>1.08%</b>
<b>MUNICIPAL LEVY FOR OPERATIONS</b>	<b>5,321,953</b>	<b>5,321,953</b>	<b>5,321,953</b>	<b>5,386,173</b>	<b>1.00%</b>
<b>CAPITAL FUND</b>					
DSSAB PROGRAM FACILITIES	400,000	400,000	400,000	400,000	0.00%
DSSAB HOUSING FACILITIES	700,000	700,000	700,000	700,000	0.00%
<b>MUNICIPAL COST</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>0.00%</b>
<b>NOT YET ALLOCATED CONTRIBUTION</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00%</b>
<b>MUNICIPAL LEVY FOR CAPITAL</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>1,100,000</b>	<b>0.00%</b>
<b>TOTAL MUNICIPAL LEVY</b>	<b>6,421,953</b>	<b>6,421,953</b>	<b>6,421,953</b>	<b>6,486,173</b>	<b>1.00%</b>
<b>INCREASE(DECREASE) TO LEVY</b>			<b>-</b>	<b>64,220</b>	
<b>PERCENTAGE INCREASE (DECREASE)</b>			<b>0.00%</b>	<b>1.00%</b>	



**DISTRICT OF PARRY SOUND SOCIAL SERVICES ADMINISTRATION BOARD  
2022 BUDGET  
MUNICIPAL LEVY TRENDS**

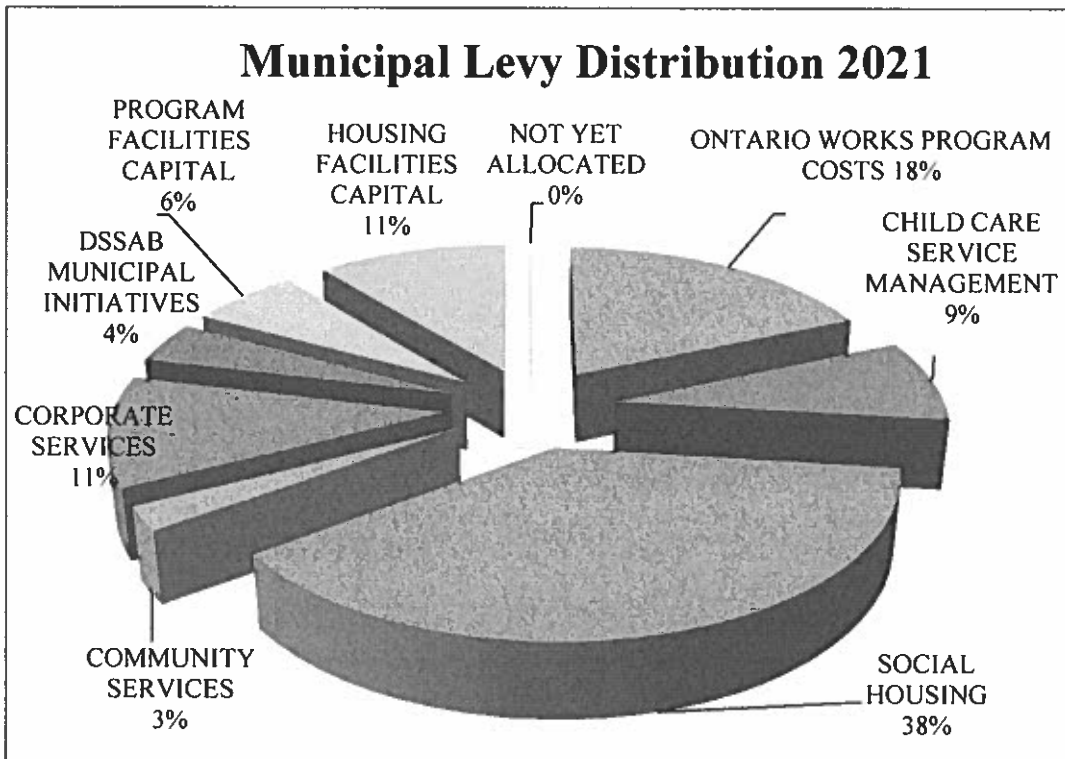
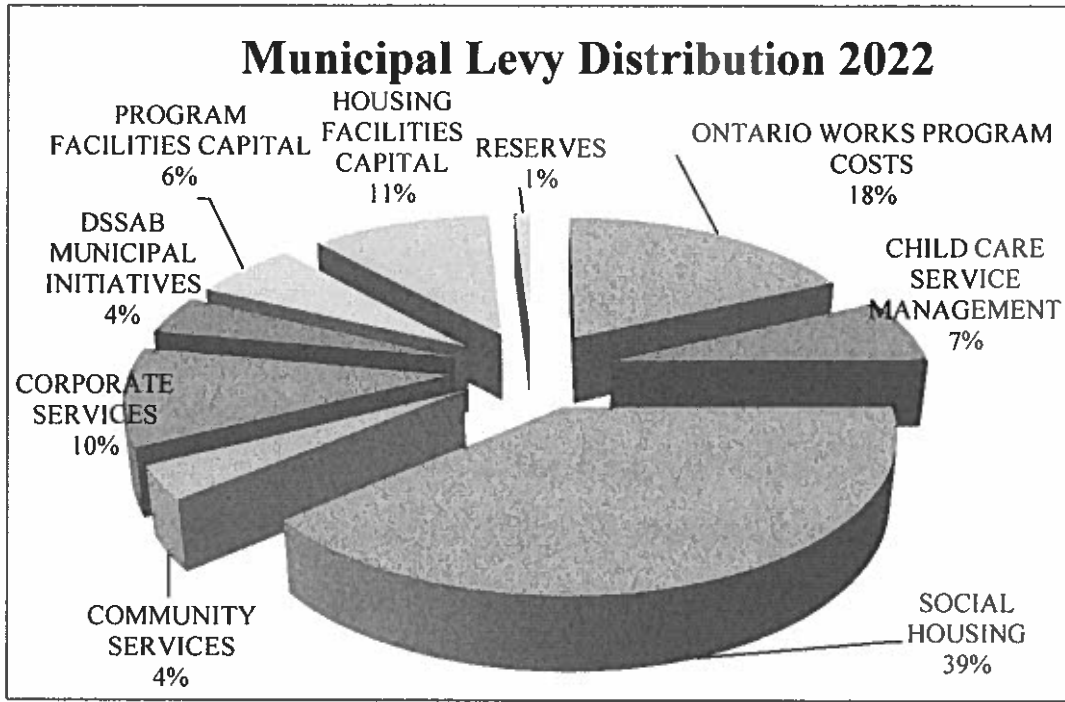


The municipal levy decreased drastically in 2011 when ODSP financial assistance costs were uploaded to the Province. Since then, the levy has hovered between \$6,295,415 and \$6,432,893 – a range of only \$128,478 or 2% of the levy.

**DISTRICT OF PARRY SOUND SOCIAL SERVICES ADMINISTRATION BOARD  
2022 BUDGET  
MUNICIPAL LEVY  
WITH 2021 COMPARISON**

<b>Municipality</b>	<b>2022 Apportionment Percentage</b>	<b>2021 Levy Actual</b>	<b>2022 Levy Actual</b>	<b>Increase (Decrease) to Levy</b>
<i>Armour</i>	2.54%	162,577	164,946	2,369
<i>Burks Falls</i>	0.54%	35,077	35,058	(19)
<i>Callander</i>	3.71%	239,438	240,483	1,045
<i>Carling</i>	6.93%	442,691	449,470	6,779
<i>Joly</i>	0.42%	26,237	26,954	717
<i>Kearney</i>	2.53%	161,645	164,114	2,469
<i>Machar</i>	1.76%	112,135	114,141	2,006
<i>Magnetawan</i>	4.73%	302,958	306,601	3,643
<i>McDougall</i>	5.18%	330,622	336,241	5,619
<i>McKellar</i>	4.47%	286,030	289,815	3,785
<i>McMurrich</i>	1.54%	99,088	100,022	934
<i>Nipissing</i>	2.60%	167,296	168,830	1,534
<i>Parry Sound</i>	4.94%	318,150	320,548	2,398
<i>Perry</i>	3.21%	205,573	207,868	2,295
<i>Powassan</i>	2.25%	144,235	146,079	1,844
<i>Ryerson</i>	1.27%	81,439	82,023	584
<i>Seguin</i>	23.82%	1,529,631	1,544,932	15,301
<i>South River</i>	0.48%	30,476	30,889	413
<i>Strong</i>	1.98%	127,414	128,119	705
<i>Sundridge</i>	0.70%	45,126	45,288	162
<i>The Archipelago</i>	14.12%	909,553	915,568	6,015
<i>Whitestone</i>	4.08%	262,259	264,531	2,272
	<b>93.80%</b>	<b>6,019,650</b>	<b>6,082,520</b>	<b>62,870</b>
<i>Unincorporated</i>	6.22%	402,303	403,653	1,350
<b>Total</b>	<b>100%</b>	<b>6,421,953</b>	<b>6,486,173</b>	<b>64,220</b>

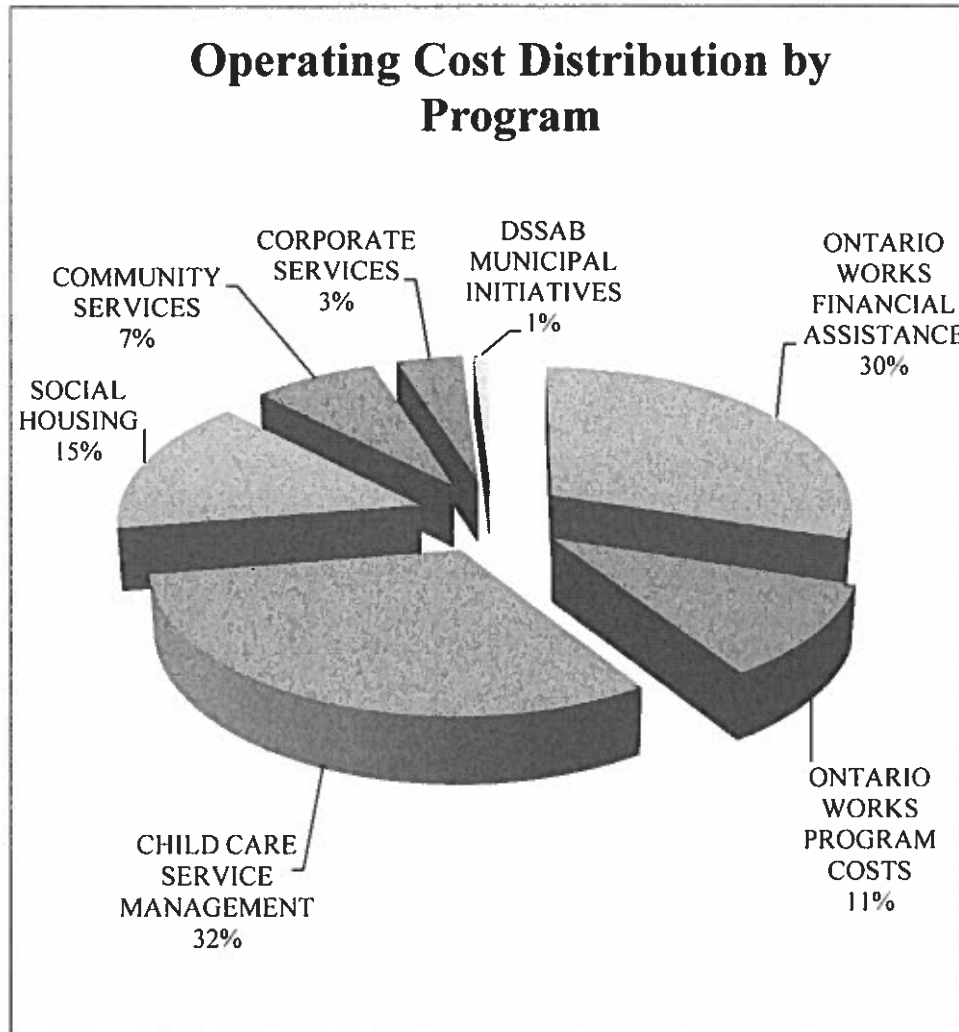
**DISTRICT OF PARRY SOUND SOCIAL SERVICES ADMINISTRATION BOARD  
2022 BUDGET  
MUNICIPAL OPERATING LEVY DISTRIBUTION**



**DISTRICT OF PARRY SOUND SOCIAL SERVICES ADMINISTRATION BOARD  
2022 BUDGET  
OPERATING BUDGET  
TOTAL EXPENDITURES AND FUNDING**

	<b>2021 BUDGET</b>	<b>2022 BUDGET</b>	<b>CHANGE</b>
<b>ONTARIO WORKS</b>			
ONTARIO WORKS FINANCIAL ASSISTANCE	\$8,262,000	\$8,262,000	0
ONTARIO WORKS PROGRAM	<u>3,093,185</u>	<u>3,001,354</u>	-91,831
	<b>11,355,185</b>	<b>11,263,354</b>	-91,831
<b>CHILD CARE SERVICE MANAGEMENT</b>			
CHILD CARE ADMINISTRATION	400,000	250,000	-150,000
CHILD CARE CENTRE OPERATIONS	5,449,438	5,501,500	52,062
EARLY YEARS	1,052,000	1,037,000	-15,000
INCLUSION SUPPORT SERVICES	600,000	615,000	15,000
INTEGRATED RECEPTION	40,000	0	-40,000
NON DSSAB FEE SUBSIDY	470,000	600,000	130,000
NON DSSAB OPERATING SUBSIDY	390,000	260,000	-130,000
NON DSSAB OPERATING WAGE ENHANCEMENT	100,000	100,000	0
JOURNEY TOGETHER	295,364	295,364	0
PLANNING AND PROJECTS	<u>80,716</u>	<u>80,716</u>	0
	<b>8,877,518</b>	<b>8,739,580</b>	-137,938
<b>SOCIAL HOUSING</b>			
SOCIAL HOUSING ADMINISTRATION	742,912	619,803	-123,109
AFFORDABLE HOUSING PROGRAM COSTS	29,830	25,200	-4,630
BUILDING OPERATING COSTS	2,556,564	2,712,912	156,348
RENT SUPPLEMENT/HOUSING BENEFIT/HOUSING ALLOWANCE	224,600	187,100	-37,500
NON-PROFIT HOUSING COSTS	<u>812,000</u>	<u>644,500</u>	-167,500
	<b>4,365,906</b>	<b>4,189,515</b>	-176,391
<b>COMMUNITY SERVICES</b>			
VIOLENCE AGAINST WOMEN PROGRAMS	805,680	828,680	23,000
HOMELESSNESS PROGRAM	431,700	671,513	239,813
EMERGENCY HEATING AND SHELTER	396,000	396,000	0
TRANSITIONAL HOUSING SUPPORT	61,200	61,200	0
HOMEMAKERS PROGRAM	<u>100,000</u>	<u>100,000</u>	0
	<b>1,794,580</b>	<b>2,057,393</b>	262,813
<b>CORPORATE SERVICES</b>			
CORPORATE SERVICES	1,051,135	1,034,500	-16,635
BOARD	<u>60,000</u>	<u>60,000</u>	0
	<b>1,111,135</b>	<b>1,094,500</b>	-16,635
<b>SOCIAL ASSISTANCE RESTRUCTURING FUND</b>	<b>270,000</b>	<b>270,000</b>	<b>0</b>
<b>TOTAL ANNUAL OPERATING EXPENSES</b>	<b>27,774,324</b>	<b>27,614,342</b>	<b>-159,982</b>
<b>LESS FUNDING FROM OTHER SOURCES</b>			
PROVINCIAL FUNDING	19,084,141	19,075,374	-8,767
FEDERAL FUNDING	802,076	585,815	-216,261
SOCIAL ASSISTANCE RESTRUCTURING FUND	121,200	121,200	0
PARENT FEE REVENUE	1,430,000	1,500,000	70,000
TENANT REVENUE	910,000	910,000	0
INVESTMENT INCOME AND OTHER	100,000	100,000	0
	<u>22,447,417</u>	<u>22,292,389</u>	-155,028
<b>MUNICIPAL FUNDING - OPERATING EXPENSES</b>	<b>\$5,326,907</b>	<b>\$5,321,953</b>	<b>-4,954</b>
<b>TRANSFERS TO (FROM) RESERVES</b>	<b>(\$4,954)</b>	<b>\$64,220</b>	<b>69,174</b>
<b>MUNICIPAL LEVY FOR OPERATIONS</b>	<b>\$5,321,953</b>	<b>\$5,386,173</b>	<b>64,220</b>

**DISTRICT OF PARRY SOUND SOCIAL SERVICES ADMINISTRATION BOARD  
2022 BUDGET  
OPERATING COST DISTRIBUTION BY PROGRAM**



Total costs are based on the Total Expenditures and Funding schedule found on page 8.

**DISTRICT OF PARRY SOUND SOCIAL SERVICES ADMINISTRATION BOARD  
2022 BUDGET  
CAPITAL BUDGET AND OPERATING FUNDS OVERVIEW**

**OVERVIEW:**

**General Operating Fund:**

The DSSAB maintains operating funds for cash management purposes. As per the Board Operating Reserve Policy, operating funds of no greater than three months of annual operating expenses will be maintained by the DSSAB. This equates to \$6,848,463 at the end of 2021.

Our projected level of operating funds at December 31, 2022 is \$3,208,242 or 42 days of annual operating expenses. Coupled with our capital reserves, we believe that we have sufficient funds on hand to meet our current short-term operating requirements.

**Program Facilities Capital Fund:**

The DSSAB holds capital funds for program facilities that we own. These include our multi-use building in South River (offices, child care centre and EarlyON site), our office building in Parry Sound, Child Care Centres in Emsdale and Parry Sound, our 6 unit apartment building in Parry Sound and our women's shelter in Parry Sound. In addition we lease space for our child care centre in Powassan from the local school board and from the Sound Community Hub in Parry Sound for our EarlyOn, Integration Support Services and Home Child Care programs.

We are making a \$400,000 contribution to the Program Facilities Capital Fund in 2022 to ensure that sufficient capital funds are available to meet our needs.

**DISTRICT OF PARRY SOUND SOCIAL SERVICES ADMINISTRATION BOARD**  
**2022 BUDGET**  
**CAPITAL BUDGET OVERVIEW**

**Social Housing Capital Fund:**

The DSSAB also holds capital funds for the 344 housing units owned and operated within our Social Housing programs. These include the Local Housing Corporation housing units as well as the Non Profit Housing program units that we fund, as we are responsible for any of their operating or capital shortfalls.

Our building condition assessments (BCA's), when initially prepared in 2006, indicated that our Social Housing capital fund would be fully depleted over a period of 5-10 years, and that we would need to contribute \$13,249,903 to the fund in order to maintain these buildings to December 31, 2025. This infrastructure deficit is the DSSAB's most significant financial exposure and is the result of the Provincial transfer of ownership of the Ontario Housing Stock to the Municipalities in 2000 with \$0 capital.

We updated the BCA's in 2018 and have revised the schedules to include an additional 10 years – to December 31, 2035.

Per a review of the anticipated levels of spending recommended by the building condition assessments we require an \$800,000 contribution yearly in order to maintain these reserves at needed levels into the future. In light of the investment income that we are earning on these reserves, we have been making municipal contributions to these reserves of \$700,000 (offset by the additional investment income of \$100,000 each year).

Accordingly, Social Housing Capital Fund contributions will continue at the same level in 2021 i.e. \$700,000 per year.

**DISTRICT OF PARRY SOUND SOCIAL SERVICES ADMINISTRATION BOARD  
2022 BUDGET  
SCHEDULE OF CHANGES IN CAPITAL & OPERATING FUNDS**

	<b>GENERAL OPERATING FUND</b>	<b>PROGRAM FACILITIES CAPITAL FUND</b>	<b>SOCIAL HOUSING CAPITAL FUND</b>	<b>TOTAL</b>
<b>Balance, December 31, 2019</b>	<b>\$3,295,877</b>	<b>\$2,335,239</b>	<b>\$7,707,080</b>	<b>\$13,338,196</b>
Contribution: 2020 Municipal Levy		400,000	700,000	1,100,000
Contribution: 2020 Surplus/Adjustments	(82,681)	-	-	(82,681)
Contribution: Interest Earned		87,310	302,009	389,319
Capital Expenditures in 2020		(42,473)	(635,394)	(677,867)
Non Profit Capital Expenditures in 2020		-	-	-
CMHA Funding			67,800	67,800
<b>Projected Balance, December 31, 2020</b>	<b>\$3,213,196</b>	<b>\$2,780,076</b>	<b>\$8,141,495</b>	<b>\$14,134,767</b>
Contribution: 2021 Municipal Levy		400,000	700,000	1,100,000
Contribution: 2021 Surplus/Adjustments	(4,954)	-	-	(4,954)
Contribution: Interest Earned		20,000	100,000	120,000
Capital Expenditures in 2021		(160,703)	(668,387)	(829,090)
Non Profit Capital Expenditures in 2021		-	(300,000)	(300,000)
<b>Projected Balance, December 31, 2021</b>	<b>\$3,208,242</b>	<b>\$3,039,373</b>	<b>\$7,973,108</b>	<b>\$14,220,723</b>
Contribution: 2022 Municipal Levy		400,000	700,000	1,100,000
Contribution: 2022 Interest Earned	-	20,000	100,000	120,000
Capital Expenditures in 2022		(1,727,000)	(1,652,000)	(3,379,000)
Non Profit Capital Expenditures in 2021		-	(300,000)	(300,000)
SSRF Funding		1,034,500		1,034,500
One-time Reserve Contribution	64,220			64,220
<b>Projected Balance, December 31, 2021</b>	<b>\$3,272,462</b>	<b>\$2,766,873</b>	<b>\$6,821,108</b>	<b>\$12,860,443</b>

Daily operating cash flow requirements	\$ 76,094
# Days operating funds on hand	42
Maximum allowable operating fund	\$ 6,848,463
Social Housing Contributions / unit	\$2,035
Social Housing Spending / uni	\$5,674





January 24, 2022

To NBMCA Member Municipalities

Bonfield	North Bay
Callander	Mattawa
Calvin Twp	Mattawan Twp
Chisholm Twp	Papineau-Cameron Twp
East Ferris	Powassan

Dear Member Municipalities:

In 2022, the North Bay-Mattawa Conservation Authority (NBMCA) marks its 50<sup>th</sup> anniversary of delivering watershed management programs in our region. NBMCA was formed on June 21, 1972 by a provincial order in council at the request of our member municipalities.

To mark this 50<sup>th</sup> anniversary, NBMCA is planning a series of activities that will highlight our milestones and honour the partners and champions who have helped us balance human needs with the needs of the natural environment over the last 50 years.

**At the recommendation of our 50<sup>th</sup> Anniversary Steering Committee, which includes Shelley Belanger (Papineau-Cameron Twp), Jane Lagassie (Bonfield) and Michelle Lahaye (Mattawan Twp) and staff, the Board Members would like to invite each of our member municipalities to contribute to our 50<sup>th</sup> anniversary activities with a \$250 contribution.**

In the coming year, we'll be launching our "Boardwalk of Champions" fundraiser, a series of educational social media and video postings, recognizing environmental champions through a new awards program and inviting our partners to join in the celebrations. We'll be providing municipalities with social media templates and information to share with their residents on "watershed matters". We'll kick off our activities in the spring (when COVID and its restrictions have hopefully eased!) More information to come in the coming months.

Please join us in celebrating our 50<sup>th</sup> Anniversary! Thank you in advance for your consideration and, if possible, your municipality's \$250 contribution towards the celebrations. If you have any questions, please don't hesitate to contact me.

Regards,

Sue Buckle  
Manager, Communications & Outreach  
[Sue.buckle@nbmca.ca](mailto:Sue.buckle@nbmca.ca)  
(705) 497-4999

cc. Board Members  
B. Tayler, CAO





**Powassan**  
and District Union  
**Public Library**

**Library Board Minutes**  
**January 24, 2022 @ 6 pm**

**Attendance via Zoom:** Tina Martin, Gloria Brown, Bob Elliott, Bernadette Kerr, Steve Kirkey,  
Debbie Piekarski,

**In-person:** Debbie Piper, Doug Walli, Marie Rosset

**1. Respect and Acknowledgement Declaration** Read by CEO

**2. Disclosure of pecuniary interest – none**

**3. Approval of general consent motion:**

**Motion # 2022-01 Kirkey-Martin:** That the Consent Agenda for January 2022, which includes:

- a) The January 24, 2022 agenda,
  - b) the Minutes for the November 22, 2021 meeting,
  - c) the Financial Report for November, December 2021,
  - d) and the Library Report for November, December 2021,
- be adopted with modifications to the minutes of November 22, 2021.

**4. Business Arising**

**a) Current Library Services Update**

Due to the new Omicron restriction and following the Provincial mandate the library returned to:

- Open to the public at 50% capacity, no passport required to browse, all COVID protocol observed (2 meters, and masks)
- Computers available to the public – one hour time limit – vaccine passport required.
- Lifelab services continue on Mondays and Thursdays from 8am to 11pm under appropriate safety protocols. (Regular 8-12 hours will resume shortly)
- All current events done virtually until mid February (Book Club, French, Friends of the Library, Library Board)
- Other groups will return to normal schedules mid-February – vaccination passport required for everyone 12 and over

**b) New Schedule Proposal**

Due to the new Omicron restrictions the expansion of hours did not occur. The timing of this new schedule will be re-evaluated.

**c) Trillium Resilience Grant**

Waiting for decision – end of March

**d) Audit**

New Auditor – Jessica Dion CPA, CA from Baker Tilly  
Library Audit is scheduled for January 28, 31 and February 1, 2022.

DATE OF COUNCIL MTG.	Feb. 1/22
AGENDA ITEM #	8-5

**e) Yearly Grant Applications**

- Federal Canada Summer Jobs (CSJ) – applied for 2 positions, grant covers 100% of wages.
- Provincial Summer Experience Program (SEP) – application deadline is February 17, covers 100% of wages.

**5. Correspondence**

Letter sent from Restoule LSB along with payment of their 2021-2022 library fees.

**6. Committee Reports**

**a) Property Committee Report**

- i. Roofing damage – December 15, 2021.

The west side of the library' roof was impaled by a tree branch from the neighbour's property. A passing trucker reported it and the appropriate action was taken. The roof was patched temporarily (total cost \$500) and the area will be fixed this spring. Very little water damage occurred, we were lucky. CEO will talk to neighbour, discuss ways to mitigate any future damage.

**b) Financial Committee**

- i. The 2022 Budget was discussed. The three Councillors and Board Members informed the Board that each of their Councils are not willing to approve any Library budget increase this year due to their general lack of funds following the pandemic.
- ii. A 1 or 2% wage increase, as well as a staff re-organization are being considered. It was suggested that any additional cost be covered with the small reserves the library was able to accumulate these past two years.
- iii. Marie has been tasked to seek comparable job descriptions and wages for some of the positions at the library.

**c) Policy Committee Report**

- i. **Strategic Plan 2023-2027**

The process to renew our Strategic Plan will begin this year. Marie will start the process in a few months. Two well-qualified volunteers have been identified to join the committee.

- ii. **RES-18 Reopening Plan/Procedure – Phase 4 and RES-17 Face covering Policy**

These two policies were presented and it was recommended they be reviewed further making them clearer and stronger leaving no room for ambiguity.

- iii. **Appendix A: Kitchen COVID Safety Protocols for Kitchen Facility Use**

**Motion # 2022-02: Martin-Piper:** That the Appendix A: COVID Safety Protocols for Kitchen Facility Use be approved as presented.

- iv. **Appendix B: COVID Safety Protocols Check List**

**Motion # 2022-03: Martin-Piper:** That the Appendix B: COVID Safety Protocols Check List be approved as presented.

**d) Friends of the Library Report**

Gloria Brown gave a summary of the contributions done by the Friends in 2021. A total of \$2,200 was donated.

- i. \$700 toward a new smaller sink and cabinet behind the front desk.
- ii. \$1,500 towards the Story Walk and the Little Free Library Projects.

The Board was very grateful to the Friends for their generosity.

**7. New Business**

**a) Personnel Designations**

- See #6. b) Financial Committee iii.

**b) Upcoming Events:**

- Due to the current uncertainty, the library is continuing its virtual programming and is currently featuring an online art contest.

**8. Adjournment**

**Motion # 2021-27: Piper:** That the January 24, 2022 meeting be adjourned at 7:40 pm.

**Next Meeting: Monday, February 24, 2022 at 6:00pm**

**Chairperson:** \_\_\_\_\_  
**Kristine Martin, Chair**

**Secretary:** \_\_\_\_\_  
**Marie Rosset, CEO**

**MEMORANDUM**

TO: Mayor, Council  
RE: Kimberly Bester, Deputy Clerk  
DATE: January 26, 2022  
RE: TWO (2) FUNDING PROGRAMS

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**1. Inclusive Community Grant Program:**

Grants of up to \$60,000 for a local project that will help older residents and people with disabilities participate in community life. Projects that support under-served communities and those that address Covid-19 related challenges will be prioritized.

We applied for this funding in 2021 to assist with costs to create an Age Friendly Community Action Plan – total cost of project was \$50,700 and we applied for \$43,200 (with in kind items making up the difference). Our application was not successful.

Please provide direction as to whether we should apply for funding for the Age Friendly Community Plan again this year, or if there are other projects that might be appropriate for this funding. The deadline for submissions is March 3, 2022 and projects must be completed by March 31, 2023.

**2. Resilient Communities Program:**

Grants from \$5,000 to \$150,000 for organizations to support their medium to longer term recovery efforts and help rebuild their capacity and resilience. Assessment criteria include: Impact on organization / Organization supports diverse, underrepresented and/or vulnerable populations /Strategy / and Process.

We applied for this funding in 2020 to do some remediation work at the Legion (replacement of weepers, etc. along north side of building, along with other related work and replacement of basement level entrances), but our application was not successful.

Please provide direction as to whether there is a project which might fit under the parameters of this opportunity, which staff should submit an application for. The deadline for submissions is April 6, 2022, with projects required to be completed within 12 months.

ONE OF SOURCE INFO	Feb 1/22
ORIGIN INFO	9-1

**THE CORPORATION OF THE MUNICIPALITY OF POWASSAN**  
**(Penney)**  
**BY-LAW NO. 2022-03**

Being a By-law to amend By-law No. 2003-38, as amended, the Zoning By-law for the Municipality of Powassan with respect to lands located at Lot 6, Plan 44 (528 and 526 Main Street, Town of Powassan), in the Municipality of Powassan.

WHEREAS the Council of the Corporation of the Municipality of Powassan is empowered to pass By-laws to regulate the use of land pursuant to Section 34 of the Planning Act, 1990;

AND WHEREAS the owners of the subject lands have filed an application with the Municipality of Powassan to amend By-law No. 2003-38, as amended;

AND WHEREAS the Council of the Corporation of the Municipality of Powassan deems it advisable to amend By-Law 2003-38, as amended;

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

1. Schedule 'B' to Zoning By-law No. 2003-38 as amended, is hereby further amended by zoning affected lands described as Lot 6, Plan 44, (528 and 526 Main Street, Powassan), in the Municipality of Powassan from Village Commercial (CV1) to Village Commercial - Exception Six (CV1-6) as shown hatched on Schedule 'A-1' attached hereto and forming part of this By-law.
2. Section 4.6.3 of Zoning By-law No. 2003-38 is hereby further amended by the addition of the following subsection:

**3.6.3.6 Village Commercial Exception Five (CV1-6) Zone**

Notwithstanding Section 4.6.1 (xxiii) of the of the Village Commercial (CV1) Zone, on lands described legally as Lot 6, Plan 44, (528 and 526 Main Street, Powassan), and located in the Village Commercial - Exception Six (CV1-6) zone, residential apartment dwelling units shall be permitted to be located on the main floor and at the front of a commercial building.

DATE OF COUNCIL MTS.	Feb. 1/22
AGENDA ITEM #	10-1

3. This By-law shall come into effect upon the date of passage hereof, subject to the provisions of Section 34 (30) and (31) of the Planning Act, 1990.

READ A FIRST AND SECOND TIME on the 1<sup>st</sup> of February, 2022

READ A THIRD TIME and finally passed this 15<sup>th</sup> of February, 2022

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Mayor

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Clerk

**Schedule 'A-1'**





Ontario  
Provincial  
Police

Police  
provinciale  
de l'Ontario



North Bay Detachment (Powassan/Mattawa)  
Détachement d'North Bay  
North East Region      Region Nord Est

867 Gormanville Rd  
North Bay ON P1B 8G3

867 rue Gormanville  
North Bay ON P1B 8G3

Tel: 705-495-3878  
Fax: 705-495-3879

Tél. : 705-495-3878  
Télééc.: 705-495-3879

File Reference: COM2000

January 26, 2022

Municipality of Powassan  
250 Clark Street, PO Box 250  
Powassan, ON P0H 1Z0

**Attention: His Worship Peter McIsaac, Mayor of the Municipality of Powassan**

Dear Mr. Mayor:

**RE: Request letter of support for Bridge Dedication Honouring Fallen Officer**

The North Bay Detachment of the Ontario Provincial Police (OPP) is moving forward with a bridge dedication in honour of Provincial Constable P. (Pat) Clayton Armstrong, badge #3601. Constable Armstrong passed away on September 11, 1963 as a result of an on-duty motor vehicle collision that occurred on Highway 11 between Callander and Powassan.

OPP Commissioner's Committee has approved our Detachment's request to recognize this fallen officer by way of a bridge dedication of the Highway 11 overpass at Highway 534 (Clark Street), in the Municipality of Powassan.

We are contacting your office to seek a letter of support for this proposed bridge dedication. If you are in support of this initiative, please forward a letter to my attention at the address provided above. We will forward all letters of support we receive to the Ministry of Transportation in early March in order to seek their final approval.

Our intent is to hold the bridge dedication in the spring of 2022.

Your support for this initiative will be very much appreciated.

Yours sincerely,

*William McMullen*

S/Sgt. William (Bill) McMullen  
Commander – North Bay Detachment

DATE OF COUNCIL MTG.	Feb 1/22
AGENDA ITEM #	12-1

## Maureen Lang

---

**From:** Josh Gravelle <JGravelle@ocwa.com>  
**Sent:** January 25, 2022 1:37 PM  
**To:** sherry.ilersich@ontario.ca  
**Cc:** Maureen Lang; Alimpic, Vesna (MOECC); Paul Dyrda; Yvan Rondeau; Eric Nielson  
**Subject:** 2021 Powassan Lagoon Annual Report  
**Attachments:** 2021 Powassan Lagoon Annual Report.pdf

Dear Maureen Lang and Council:

Attached is the 2021 Annual Performance Report for the Powassan Wastewater Treatment Lagoon. The report summarizes the performance and related activities in accordance with condition 11(5) of Environmental Compliance Approval No. 7092-9XLLAN dated June 24, 2015.

This report was prepared by the Ontario Clean Water Agency on behalf of the Municipality of Powassan based on the information kept on record by OCWA at the Powassan Wastewater Treatment Lagoon; and, the report covers the period from January 1, 2021 to December 31, 2021.

Should you have any questions or comments in regards to this annual report, please do not hesitate to contact me at (705) 568-7000.

Kind regards,

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

DATE OF COUNCIL MTG.	Feb 1/22
AGENDA ITEM #	12-2



# **Ontario Clean Water Agency Agence Ontarienne Des Eaux**

## **Powassan Lagoons**

### **Annual Operating Report**

January 1, 2021 to December 31, 2021

Prepared by  
Ontario Clean Water Agency  
January 25, 2022

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 2021 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 2021, 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 136,840 cubic meters (m<sup>3</sup>). The total number of discharge days was 33 days beginning April 30 and ending May 31. 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 62,470 m<sup>3</sup>. The total number of discharge days was 16 days beginning Oct. 25 and ending Nov. 9, 2021. In an effort to meet the effluent objectives, the North Cell #2 lagoon was treated with ferric sulphate prior to discharge.

The total controlled release from the lagoons for the year 2021 was 199,310 m<sup>3</sup>.

**Monitoring Program as per above-referenced ECA:**

Source (Composite)	Parameter	Frequency	Method
Influent	Flow (m <sup>3</sup> )	Daily	Meter
Raw	BOD <sub>5</sub> , TSS, TP, TKN	Quarterly	External (Lab)
Lagoon Cell Content (at least 7 days prior to discharge.)	cBOD <sub>5</sub> , TSS, TP, pH	Once	External (Lab)
Effluent – During Discharge	Flow (m <sup>3</sup> )	Daily	Calculated
	cBOD <sub>5</sub> , 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, with the exception of TSS for the Fall Discharge, which was over compliance limit.

#### 2021 Influent/Effluent Quality Data:

Source	Parameter	Spring Average	Fall Average	Compliance	Objectives
Effluent	cBOD <sub>5</sub> (mg/L)	8.5	13.6	25.0 mg/L	20 mg/L
	TSS (mg/L)	15.2	32.80	25.0 mg/L	20 mg/L
	T. Phos (mg/L)	0.27	0.37	1.0 mg/L	0.8 mg/L
	Field pH Max	8.10	8.47	9.5	9.0
	Field pH Min	6.96	7.26	6.0	6.5
	Field Temperature (°C)	15.0	8.9	-	-
	Total Ammonia-N (mg/L)	8.8	3.6	-	-
	Unionized Ammonia (mg/L)	0.068	0.048	-	-
	<i>E.coli</i> (CFU/100 mL)	5.6 (GEO MEAN)	33.8 (GEO MEAN)	-	-
			Average	Minimum	Maximum
Influent/Raw	BOD <sub>5</sub> (mg/L)	183.6	70	259	
	TSS (mg/L)	202.5	92	592	
	T.Phos (mg/L)	3.67	1.87	5.8	
	TKN (mg/L)	27.9	15.7	46.6	

*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 2021 with no operational problems and met all limits under condition 7 of ECA, with one exception, TSS for Fall Discharge; please see below for more details. There were also four bypasses that occurred; see section *A summary of all By-pass, spill or abnormal discharge events* on page 8 for details.

**ECA Exceedance Reference Number 3102-C8TRTT:**

2021 Fall Seasonal Average TSS exceedance of 32.80 mg/L, seasonal ECA limit is 25 mg/L. TSS Sample results are as follows: North Cell: Oct. 25, 28 and Nov. 1, 5 and 9: results were 17, 14, 19, 73 and 41 mg/L respectively. Seasonal average = 32.80 mg/L. Received November 9 sample on November 16, 2021. All other parameters were well within ECA limits. All sample results attached to email. Operator mentioned there were heavy winds and large amounts of migratory birds stirring up sediment in lagoon cell this fall. Lagoons will continue to be treated with Ferric Sulphate, as necessary, prior to release. Results will continue to be monitored. More ferric sulphate was used in 2021 than usual in order to attempt to lower TSS.

**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.

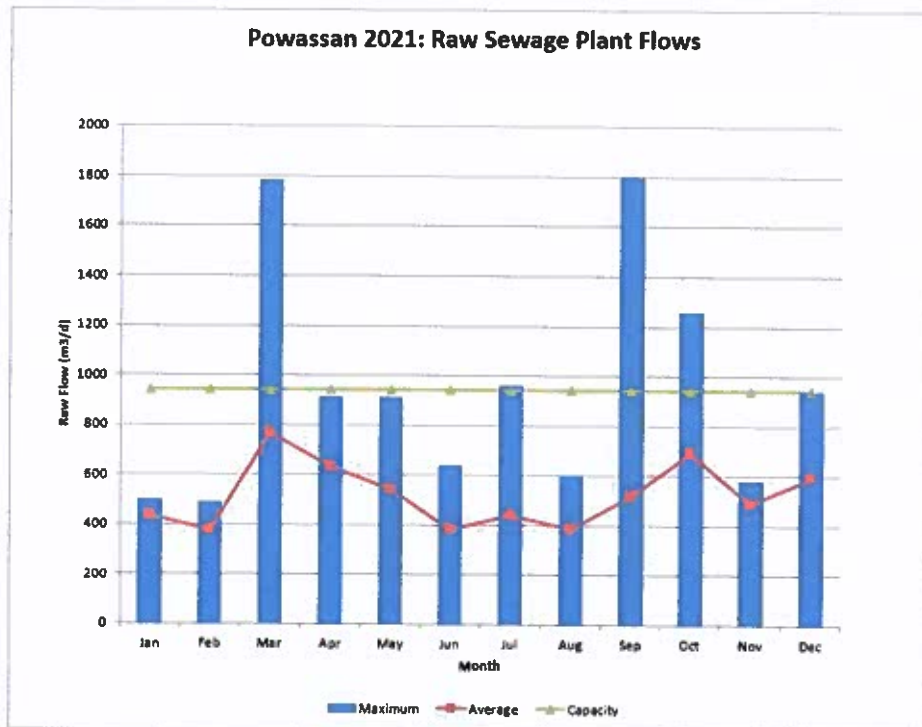
All effluent objectives were met during the spring and fall discharge, with one exceptions (fall TSS) The objective for carbonaceous biochemical oxygen demand (cBOD<sub>5</sub>) is 20 mg/L, spring average was 8.5 mg/L and fall average was 13.6 mg/L. The objective for total suspended solids (TSS) is 20 mg/L, spring average was 15.2 mg/L and fall average was 32.80 mg/L. In an effort to meet the TSS in future, more ferric sulphate will be used during treatment. The objective for total phosphorus (TP) is 0.8 mg/L, spring average was 0.27 mg/L and fall average was 0.37 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. Spring discharge maximum was 8.10 and minimum was 6.96; therefore, objective met at all times. Fall discharge maximum was 8.47 and minimum was 7.26; therefore, objective met at all times.

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

### 2021 Monthly Raw influent

Month	Monthly Total Flow (m <sup>3</sup> )	Average Daily Flow (m <sup>3</sup> /d)	Peak Daily Flow (m <sup>3</sup> /d)
January	13418.9	432.87	499.6
February	10491	374.68	488.5
March	23704.8	764.67	1784.4
April	18939.4	631.31	913.9
May	16840	543.23	912.1
June	11457.6	381.92	640.3
July	13537.6	436.7	961.4
August	11906.5	384.08	595.9
September	15428.7	514.29	1801.2
October	21430.8	691.32	1256.3
November	14702.8	490.09	580.7
December	18340	591.61	937.5
<b>Average</b>		<b>521.09</b>	
<b>Maximum</b>			<b>1801.2</b>
<b>TOTAL</b>	<b>190,198</b>		



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 March 2021, the monthly average day influent/raw flows were at peak for 2021 with 764.67 m<sup>3</sup> measured entering into the sewage treatment system which did not exceed the 940 m<sup>3</sup>/d daily rated capacity of the system. March's influent/raw flow average was approximately 81.3% of the daily influent/raw flow rated capacity.

The maximum daily influent/raw flow of (1801.2 m<sup>3</sup>/d) occurred in September 2021 and was approximately 192% of the average day rated influent capacity.

The annual average daily flow for 2021 (521.09 m<sup>3</sup>/d) was approximately 55.4% 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 <sup>3</sup> /d	Avg Day Sewage Flow m <sup>3</sup> /d	Max Day Sewage Flow m <sup>3</sup> /d	Avg Day % of rated capacity 940 m <sup>3</sup> /d
2021	190,198	521	1801	55%
2020	181,033	495	1497	53%
2019	228,970	627	2406	67%
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 2021 total raw sewage flow is slightly higher from the total raw sewage flow in 2020.



## **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;**

Type of Incident: Clark St. Sewage Lift Station (SLS) Bypass

SAC Ref No.: 904919

Start Date & Time: March 11, 2021 @ 1230 hours

Termination: March 11, 2021 at 2330 hours

Duration: 11 hours

Approximate volume: 175 m<sup>3</sup>

Details: Hydraulic overload of sewage lift station due to rapid snow melt.

Receiver: Genessee Creek

Actions: Chlorinated raw sewage entering overflow header with collection of samples.

Reporting: Verbal & written reports to MOE SAC and MOH, faxed to EC as required, also notification made to local MECP inspector Vesna Alimpic and sent sample results.

Type of Incident: Clark St. SLS Bypass

SAC Ref No.: 904986

Start Date & Time: March 28, 2021 @ 1430 hours

Termination: March 28, 2021 @ 2330 hours

Duration: 7 hours

Approximate volume: 220 m<sup>3</sup>

Details: Heavy precipitation overwhelming sewage pumping station resulting in bypass.

Receiver: Genessee Creek

Actions: Superchlorinated raw sewage entering overflow header with collection of samples.

Reporting: Verbal & written reports to MOE SAC and MOH, faxed to EC as required, also notification made to local MECP inspector Vesna Alimpic and sent sample results.

Type of Incident: Clark St. SLS Bypass  
SAC Ref No.: 1-1A0NBU  
Start Date & Time: September 23, 2021 @ 0700  
Termination: September 23, 2021 @ 2300  
Duration: 16 hours  
Approximate volume: 240 m<sup>3</sup>  
Details: Hydraulic overload of sewage lift station due to heavy rains.  
Receiver: Genesee Creek  
Actions: Chlorinated raw sewage entering overflow header with collection of samples.  
Reporting: Verbal & written reports to MOE SAC and MOH, faxed to EC as required, also notification made to local MECP inspector Vesna Alimpic and sent sample results.

Type of Incident: Clark St. SLS Bypass  
SAC Ref No.: 1-1CJ01U  
Start Date & Time: October 21, 2021 @ 1830  
Termination: October 22, 2021 @ 0130  
Duration: 7 hours  
Approximate volume: 100 m<sup>3</sup>  
Details: Hydraulic overload of sewage lift station due to heavy rains.  
Receiver: Genesee Creek  
Actions: Superchlorinated raw sewage entering overflow header with collection of samples.  
Reporting: Verbal & written reports to MOE SAC and MOH, faxed to EC as required, also notification made to local MECP inspector Vesna Alimpic and sent sample results.

Refer to *Appendix C* for bypass sample data.

### **Capital Upgrades or Major Equipment Replacement:**

- None completed in 2021.

### **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 2021. 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 *2021 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 inspection/verification completed in September 2021.

**Operational Highlights Include:**

- Spring release: South Cell #1 and North Cell #2 Lagoons ferric sulphate treatment April 23, 2021. South Cell #1 treated with 1800 imperial gallons (IMPG) and North Cell #2 treated with 1200 IMPG.
- Annual generator service completed.
- Fall release: North Cell #2 Lagoon ferric sulphate treatment September 29, 2021. North Cell #2 treated with 1500 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 2021 operating year, no sludge was removed. Sludge has been removed on an as needed basis. North Cell #2 was dredged in 2018. South Cell #1 was dredged in 2016. OCWA has taken sludge measurements in South Cell #1 and Old Cell #3 during the fall treatment of 2019. The amount of sludge in these two cells is relatively low with an average sludge depth in Cell #1 of 1.67 inches and an average sludge depth in Cell #3 of 6 inches. The sludge depth will be measured approximately every 5 years while completing lagoon treatment. It is anticipated that the sludge volume will remain approximately the same during future years. The Municipality of Powassan may dredge Old Cell #3 in the near future, and if so, they will dispose of sludge at the nearby landfill.

**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 2021 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 2021.

**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 2021.

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

There is no information to add for 2021 – No lagoon inspections took place in 2021.

### **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 Himsworth 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 m<sup>3</sup>. 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 m<sup>3</sup>. 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 Served:	1000 approx.
Total Design Capacity:	940 m <sup>3</sup> /d

Best Regards,

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

**Ministry of  
Municipal Affairs  
and Housing**

Office of the Minister

777 Bay Street, 17<sup>th</sup> Floor  
Toronto ON M7A 2J3  
Tel.: 416 585-7000

**Ministère des  
Affaires municipales  
et du Logement**

Bureau du ministre

777, rue Bay, 17<sup>e</sup> étage  
Toronto ON M7A 2J3  
Tél. : 416 585-7000



234-2021-5311

January 25, 2022

Your Worship  
Mayor Peter McIsaac  
Municipality of Powassan

Dear Mayor McIsaac:

Thank you for your application to the third intake of the **Municipal Modernization Program** and for your commitment to delivering modern, efficient services that are financially sustainable.

Under the implementation project stream, I am pleased to inform you that the Ford government will provide funding of up to \$90,429 towards:

- Municipality of Powassan Technology and Software Modernization

The provincial funding is for up to 75% of total eligible costs to implement the project and complete a final report that forecasts annual savings and other efficiency outcomes by February 28, 2023.

In 2019, the Ford government launched the MMP to help small and rural municipalities modernize service delivery and identify new ways to be more efficient and effective. The impacts of the COVID-19 outbreak have made this work more important than ever. The projects approved for funding under the third intake of the Municipal Modernization Program will support municipalities' efforts to conduct service delivery reviews to find efficiencies or implement a range of projects, including developing online systems to improve the local process for approving residential and industrial developments to bring housing and employment-related development on stream faster, or setting up new shared services with neighbouring municipalities.

I understand how important this work will be to your community. To help you get started, an interim payment will be issued following execution of a transfer payment agreement. Ministry staff will forward instructions and a transfer payment agreement for each approved project in the coming days and will work with you to have it finalized. If you have questions, please contact your municipal advisor, or email [municipal.programs@ontario.ca](mailto:municipal.programs@ontario.ca).

FILE # CORRESP#	Feb 1/22
AGENDA ITEM #	12-3

I would like to offer my congratulations on this funding approval and extend my best wishes as you work to improve service delivery and administrative efficiency in your municipality.

Sincerely,

A handwritten signature in cursive script that reads "Steve Clark".

Steve Clark  
Minister

c. Maureen Lang, Clerk/Treasurer  
Lesley Marshall, Deputy Clerk  
The Honourable Victor Fedeli, MPP, Nipissing

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

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

**NB102-309/13-2**

# MUNICIPALITY OF POWASSAN LANDFILL 2021 ANNUAL LANDFILL WATER QUALITY MONITORING REPORT

Rev	Description	Date
0	Issued in Final	January 20, 2022

DATE OF CONTACT MTS.	Feb 1/22
REVISED BY	12-4



Full Report Available  
on request





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Appendix D3	Select Leachate Parameters Compared to Background Water Quality
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Appendix E	Surface Water Analytical Results
Appendix E1	Summary of Surface Water Results
Appendix E2	Summary of Surface Water QA/QC Results

## Abbreviations

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

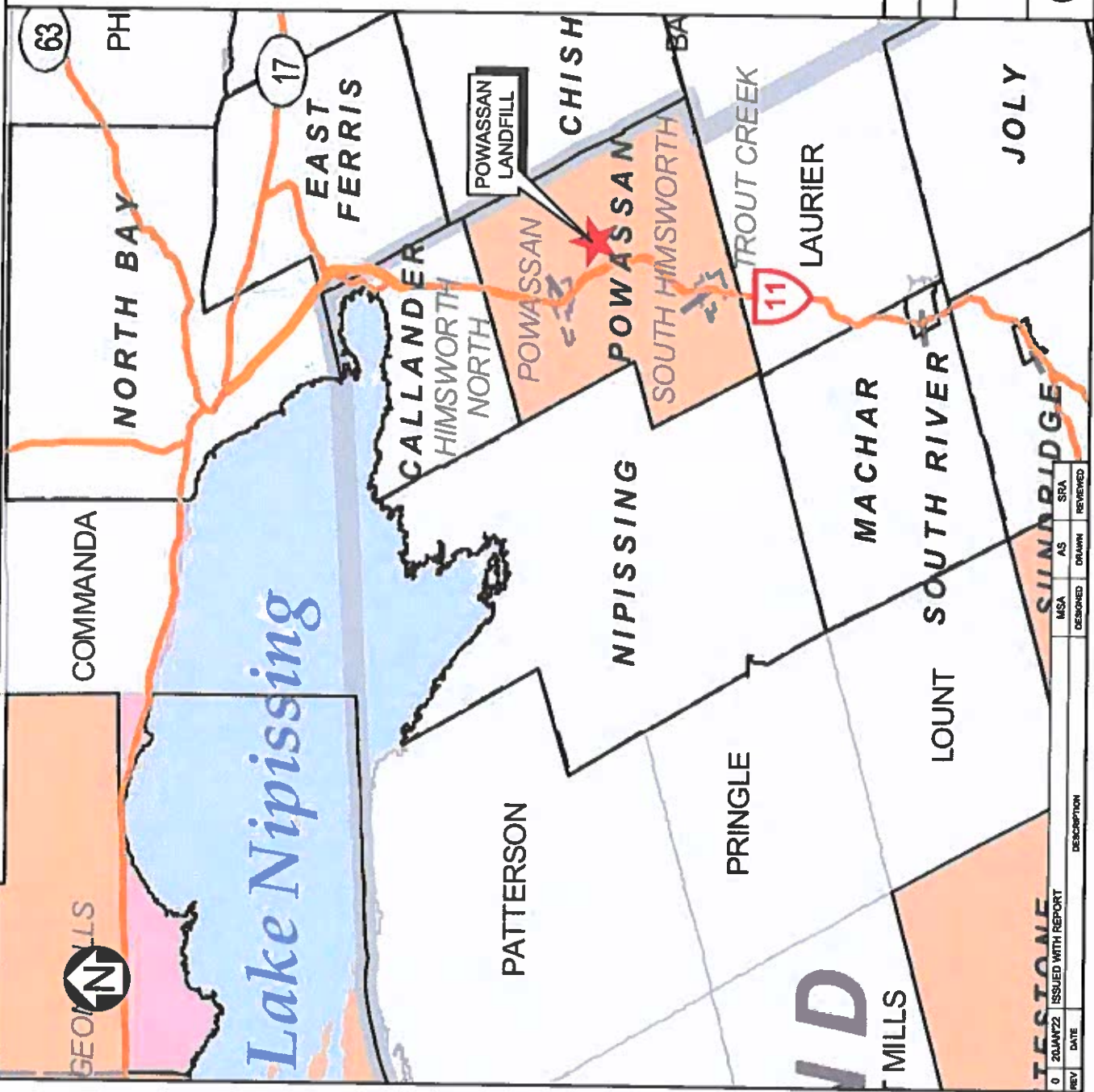
## 1.0 INTRODUCTION

---

Knight Piésold Ltd. (KP) was retained by the Municipality of Powassan to prepare the 2021 Powassan Landfill (the Landfill) Water Quality Monitoring Report. The Landfill is located approximately 35 kilometres south of the City of North Bay on 40 Proudfoot Road (Figure 1.1). Water quality monitoring is conducted at the Landfill in compliance with Ministry of the Environment (MOE) Certificate of Approval (CoA) No. A521701 (MOE, 2001). A copy of the CoA (and subsequent amendments) can be found in Appendix A. The following is a summary of the monitoring program completed at the Landfill:

- **Groundwater Quality Monitoring** - Includes the collection, laboratory testing, and analysis of groundwater samples from 27 monitoring wells. This was completed three times in 2021 (Spring, Summer and Fall), with no less than 60 days between sampling events. Hydraulic monitoring is also conducted in each monitoring well during sampling events and from well MW11-II, which is exclusively used for hydraulic monitoring. Groundwater samples were analyzed for parameters based on Column 1 of the Landfill Standards for Summer and Column 2 for Spring and Fall (MOE, 2012). No samples were collected where wells were dry. Tap water samples from one upstream residential property were collected in the Spring, Summer and Fall.
- **Methane Measurements** - Includes the measurement of methane gas concentrations from two methane monitoring wells in the Spring, Summer, and Fall.
- **Surface Water Sampling** - Includes the collection, laboratory testing and analysis of surface water samples from three sampling locations in the Spring, Summer and Fall. The measured and analyzed field parameters are listed in Column 3 of the Landfill Standards (MOE, 2012).
- **Quality Assurance/Quality Control (QA/QC) Testing** - Includes the collection, laboratory testing and analysis of QA/QC samples. Duplicate samples were collected from approximately 10% of the sample locations for both groundwater and surface water.

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



SCALE A  
 100 50 0 100 200 300 400 500 m

MUNICIPALITY OF POWASSAN	
LANDFILL SITE	
SITE LOCATION PLAN	
	PIA NO. NB102-308/13
Knight Piesold CONSULTING	REF. NO. 2
REV 0	FIGURE 1.1 REV 0

REV	DATE	ISSUED WITH REPORT	DESCRIPTION	DESIGNED	DRAWN	SRA	REVIEWED
0	20JAN22						

## 2.0 SITE DESCRIPTION

---

### 2.1 SITE INFORMATION AND FEATURES

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

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

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

### 2.2 SITE TOPOGRAPHY AND DRAINAGE

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

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

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

### 2.3 SURFICIAL GEOLOGY

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

### 2.4 WATER QUALITY MONITORING PROGRAM

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

Groundwater samples are collected from 27 groundwater monitoring well locations within the Landfill footprint (shown on Figure 2.1) and from one residential property located to the east of the Landfill. Table 2.1 provides a summary of the monitoring well groundwater depth for each sampling event. Monitoring wells MW18-01, MW18-02 and MW18-03 (installed in May 2018) are located along the property boundary from the west (MW18-01) to the south (MW18-03). These wells were installed to assist with delineation of potential Landfill impacts as well as provide additional hydraulic data. Due to MW17-01 being dry for one or two sampling events per year, monitoring well MW18-03, which has similar water quality to MW17-01, is now used as the background monitoring well.

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

Three surface water sites were sampled in the Spring, Summer, and Fall in 2021. The locations of these sites are shown on Figure 2.1. Site SW-3, located upstream of the Landfill, is considered representative of background or natural (not influenced by the Landfill) surface water.

#### 2.4.1 2021 MONITORING WELL INSTALLATIONS

In the spring of 2021, KP installed three additional monitoring wells (MW21-01, MW21-02, and MW21-03) within the property boundary. The monitoring wells were installed by the drilling contractor Marathon Underground. The three monitoring wells were installed to replace wells on the property that were consistently dry (MW6-II, MW7-I, MW8-II, and MW11-II) due to their shallow depth. The new monitoring wells were drilled and installed at deeper depths to improve the likelihood that groundwater may be sampled.

### 2.5 ASSESSMENT PROCESS

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

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

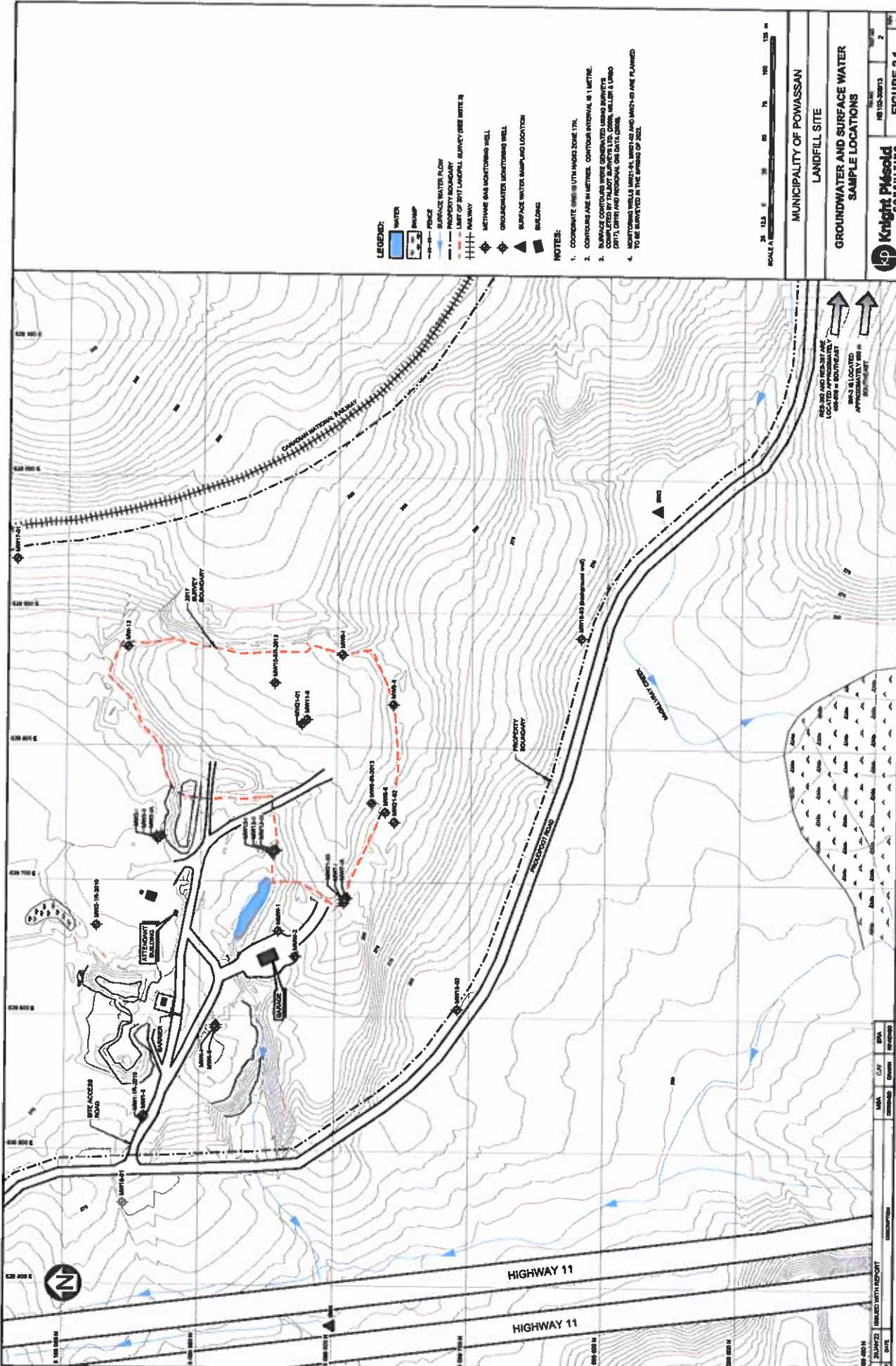
Landfill impacts are typically offset through a mechanism known as natural attenuation. Most rural landfills (including the Powassan Landfill) contain buffer areas that promote the assimilation of landfill wastes through dilution, and biological (microbial) interactions.

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

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

A nearby residential well was also monitored for landfill leachate indicators and water quality parameters.





**LEGEND:**

- WATER
- FENCE
- SURFACE WATER FLOW
- PROPERTY BOUNDARY
- 2017 SURVEY BOUNDARY (SEE NOTE 2)
- RAILWAY
- METHANE GAS MONITORING WELL
- GROUNDWATER MONITORING WELL
- SURFACE WATER SAMPLING LOCATION
- BUILDING

**NOTES:**

1. COORDINATE GRID IS UTM ZONE 17N.
2. CONTOUR LINE INTERVAL IS 1 METRE.
3. SURFACE CONTOUR WERE OBTAINED USING SURVEYS COMPLETED BY TULLOCH SURVEYS LTD., CROSS HOLLOW & LINDSAY (2017), BARRY AND ASSOCIATES, AND DATA (2018).
4. ALL SURVEYS FOR MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14, AND MW-15 ARE PLANNED TO BE SURVEYS FOR THE CURRENT YEAR.

SCALE 1:5000  
0 25 50 75 100 125 m

MUNICIPALITY OF POWASSAN

LANDFILL SITE

GROUNDWATER AND SURFACE WATER  
SAMPLE LOCATIONS

<b>KD Knight</b>	SCALE
<b>Piacidol CONSULTING</b>	NO 10-30813
	SHEET NO. 2
	OF 2

TABLE 2.1

MUNICIPALITY OF POWASSAN  
MUNICIPALITY OF POWASSAN LANDFILL

2021 ANNUAL LANDFILL WATER QUALITY MONITORING REPORT  
SUMMARY OF SAMPLING DETAILS AND GROUNDWATER LEVELS

Units	Coordinates		Ground Elevation* m amsl	Measured Slick-up mags	Monitoring Well Depth mbPVC	Depth to Groundwater			Groundwater Level			Groundwater Elevation					
	Easting	Northing				Spring 2021 mbPVC	Summer 2021 mbPVC	Fall 2021 mbPVC	Spring 2021 mbsg	Summer 2021 mbsg	Fall 2021 mbsg	Spring 2021 mamsl	Summer 2021 mamsl	Fall 2021 mamsl			
MWV-1	628,851	5,099,848	278.25	0.73	6.28	-	-	-	-	-	-	-	-	-	-	-	-
MWV-2	628,644	5,099,831	277.78	0.8	6.4	-	-	-	-	-	-	-	-	-	-	-	-
MW1D-IR-2013	628,847	5,099,848	286.26	0.9	12.2	9.38	11.28	11.17	8.47	10.35	10.26	275.9	275.9	275.9	275.9	275.9	275.9
MW11-II	628,821	5,099,822	285.83	0.8	16.8	14.87	15.30	15.47	14.17	14.50	14.87	271.3	271.3	271.3	271.3	271.3	271.3
MW1-IR-2010	628,523	5,099,942	274.30	1.0	12.0	6.13	6.61	7.08	5.13	5.61	5.08	268.7	268.7	268.7	268.7	268.7	268.7
MW12-I	628,722	5,099,848	278.78	0.7	12.2	9.34	9.55	9.72	8.67	8.98	8.05	267.9	267.9	267.9	267.9	267.9	267.9
MW12-II	628,723	5,099,848	278.88	0.6	8.5	4.8	5.33	5.14	4.20	4.73	4.54	272.2	272.2	272.2	272.2	272.2	272.2
MW12-III	628,723	5,099,848	278.87	0.5	3.8	0.7	1.46	1.23	0.18	0.64	0.71	278.7	278.7	278.7	278.7	278.7	278.7
MW13	628,873	5,099,955	280.13	0.7	11.2	6.99	7.99	7.12	5.25	7.25	6.38	272.9	272.9	272.9	272.9	272.9	272.9
MW17-01	628,858	5,100,038	285.48	0.9	2.5	1.5	2.39	1.37	0.58	1.47	0.45	284.0	284.0	284.0	284.0	284.0	284.0
MW1	628,528	5,099,941	274.81	0.8	6.3	3.4	5.13	4.83	2.64	4.37	3.87	270.2	270.2	270.2	270.2	270.2	270.2
MW2-IR-2010	628,667	5,099,977	274.40	0.8	12.5	7.08	7.31	7.38	6.14	6.37	5.44	268.3	268.3	268.3	268.3	268.3	268.3
MW3-I	628,733	5,099,833	275.47	0.9	11.3	7.78	7.71	7.76	6.83	6.88	6.37	268.4	268.4	268.4	268.4	268.4	268.4
MW3-II	628,733	5,099,833	275.53	0.8	16.7	7.78	7.71	7.76	6.83	6.88	6.37	268.4	268.4	268.4	268.4	268.4	268.4
MW3-III	628,733	5,099,833	275.39	-0.1	3.4	0.56	1.75	1.58	0.66	1.88	1.68	273.7	273.7	273.7	273.7	273.7	273.7
MW4-I	628,563	5,099,837	278.25	0.9	12.0	7.45	8.55	7.80	6.53	7.63	6.86	268.6	268.6	268.6	268.6	268.6	268.6
MW4-II	628,561	5,099,888	278.26	1.1	7.1	3.63	4.59	4.38	2.55	3.51	3.30	272.7	272.7	272.7	272.7	272.7	272.7
MW6-II	628,762	5,099,763	278.89	1.0	5.3	-	4.3	3.16	-	3.30	2.18	275.7	275.7	275.7	275.7	275.7	275.7
MW6-IR-2013	628,758	5,099,773	281.72	0.8	9.5	Dry	Dry	9.30	-	9.30	8.66	273.2	273.2	273.2	273.2	273.2	273.2
MW7-I	628,854	5,099,794	279.82	0.8	12.5	-	8.08	8.22	-	7.28	7.42	272.5	272.5	272.5	272.5	272.5	272.5
MW7-II	628,858	5,099,792	279.88	0.8	23.1	13.87	13.86	14.36	13.08	13.26	13.75	268.8	268.8	268.8	268.8	268.8	268.8
MW8-I	628,832	5,099,788	281.93	0.8	3.8	Dry	Dry	3.02	-	2.22	-	278.7	278.7	278.7	278.7	278.7	278.7
MW8-II	628,889	5,099,796	284.00	0.2	2.0	1.30	Dry	Dry	1.05	-	-	-	-	-	-	-	-
MW18-01	628,481	5,099,956	270.33	0.9	4.6	2.84	Dry	Dry	1.12	-	-	-	-	-	-	-	-
MW18-02	628,608	5,099,799	282.10	0.9	5.4	2.47	3.44	2.47	1.86	2.56	1.59	268.7	268.7	268.7	268.7	268.7	268.7
MW18-03 (background well)	628,682	5,099,819	286.88	0.9	5.5	1.23	1.92	1.47	0.33	1.02	0.57	261.8	261.8	261.8	261.8	261.8	261.8
MW21-01	628,817	5,099,826	283.00	0.9	19.6	4.33	4.7	5.25	3.44	3.81	4.38	263.4	263.4	263.4	263.4	263.4	263.4
MW21-02	628,878	5,099,856	281.00	1.0	12.8	13.43	14.94	15.17	12.54	14.05	14.28	269.0	269.0	269.0	269.0	269.0	269.0
MW21-03	628,687	5,099,784	278.00	0.9	13.9	6.79	Dry	Dry	5.91	Dry	-	273.1	273.1	273.1	273.1	273.1	273.1
SW2	628,975	5,099,553	277.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW3	628,286	5,099,497	277.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SW4	628,333	5,099,806	259.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-

11102000001/24050001/Report 2 Rev 01/2021 Tables.xlsx (Table 2.1) (2021)

NOTES:

- 1. \*\* DATA ARE NOT AVAILABLE. "mbPVC" - METRES BELOW PVC RISER PIPE, "mbsg" - METRES BELOW GROUND SURFACE, "mamsl" - METRES ABOVE MEAN SEA LEVEL.
- 2. GROUND ELEVATION DETERMINED FROM MILLER & LURIO SURVEYING INC. 2019.
- 3. GROUND ELEVATION SURVEY WILL BE NEEDED FOR THE NEW WELLS INSTALLED IN 2021.

REV	DATE	DESCRIPTION	BY	APP
1	2021-05-27	ISSUE FOR 2021-2022 REPORT	JMP	JMP
2	2022-01-28	REVISION	JMP	JMP

## 3.0 GROUNDWATER SAMPLING INFORMATION

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### 3.1 APPLICABLE STANDARDS

The groundwater samples are compared to referenced guidelines presented in the Technical Support Document for Ontario Drinking Water Standards (ODWS), Objectives and Guidelines prepared by the MOE (MECP, 2020) to provide information for the protection of public health through the provision of safe drinking water.

The Technical Support Document identifies the following types of standards:

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

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

Groundwater quality data from monitoring well MW18-03 (replaced well MW17-01) represents background conditions. The guidelines utilize the ODWS type of standard (MAC, IMAC, AO or OG) and the background concentrations to determine the maximum acceptable concentrations of parameters in adjacent properties. RUG values have been calculated on a seasonal basis.

Groundwater quality from monitoring wells MW10-IIR-2013 and MW21-01 (both considered leachate wells for the Landfill) are compared to background well (MW18-03) groundwater results. The leachate wells will help determine if the Landfill has had an affect on background groundwater concentrations.

## 3.2 SAMPLING PROTOCOLS

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

- Groundwater levels were measured prior to sampling in each well using a clean Solinst Water Level Meter - Model 101
- Prior to sampling, three well volumes of water were purged (when possible) from each monitoring well using dedicated Waterra® tubing
- New nitrile gloves were used during sampling at each well
- In situ groundwater quality data were measured at each well using a Hanna Instruments HI98129 pH/Conductivity/TDS Tester. The instrument was calibrated each day following the manufacturer's instructions prior to use.
- The same dedicated Waterra® tubing that was used to purge each well was used to collect the groundwater samples. Samples were collected in labeled clean bottles provided by the laboratory. All sample filtering was completed at the laboratory.
- Samples were preserved and stored in coolers with ice packs until they were shipped to SGS
- All sampling activities, environmental conditions and any unusual conditions were documented on field data sheets
- Pertinent sampling information was recorded on a Chain of Custody (COC) form and a copy delivered with the samples to SGS

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

## 3.3 MAINTENANCE, REPAIRS AND SAMPLING NOTES

The following section is a description of the maintenance, well repairs and sampling notes for wells which did not immediately produce three well volumes worth of water during the sampling events in 2021.

### 3.3.1 SPRING 2021 - MAY 10 TO 14, 2021:

- Several of the monitoring wells had an insufficient groundwater recharge rate to purge three well volumes. Once purged dry, the wells were left for a period of approximately 24 hours to return to static groundwater levels, prior to sampling.
- Monitoring wells MW21-02, MW21-03, MW6-IR-2013, MW9-I, MW6-II, MW8-II, and MW11-II (old well) were dry and could not be sampled, and MW7-I had insufficient water to collect a sample.
- The well casing for MW3-II had been knocked over by a tree. A well repair was completed by digging out the casing, installing a new PVC pipe, and then securing the casing with concrete.

### 3.3.2 SUMMER 2021 - AUGUST 9 TO 10, 2021:

- Several of the monitoring wells had an insufficient groundwater recharge rate to purge three well volumes prior to sampling. Wells with insufficient recovery were purged dry and left for a period of approximately 24 hours to return to static groundwater levels, prior to sampling.

- Monitoring wells MW6-IR-2013, MW7-I, MW8-II, MW9-I, MW17-01, MW21-02, MW11-II (old well) were dry and could not be sampled.

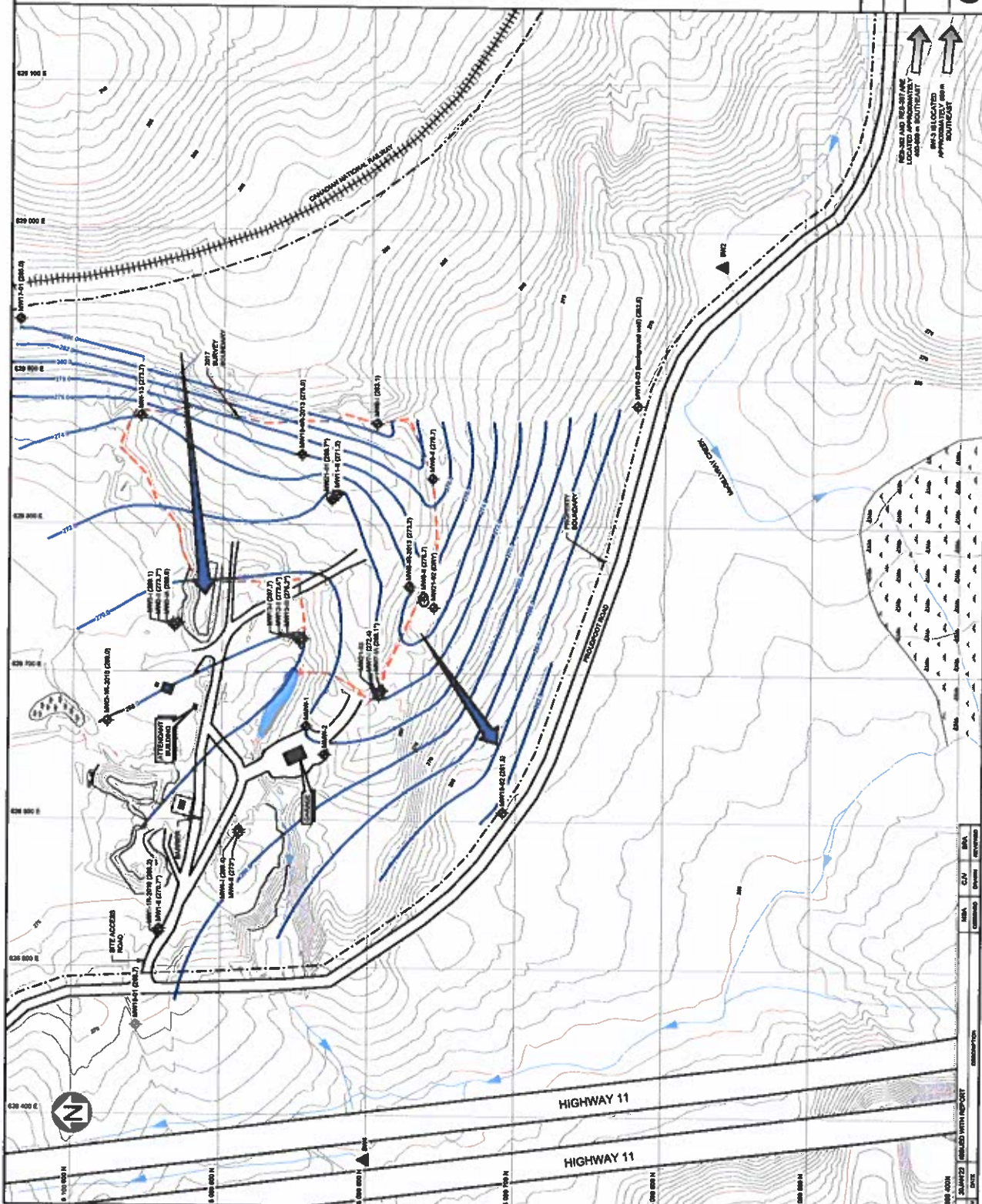
### 3.3.3 FALL 2021 - NOVEMBER 16 TO 18, 2021:

- Several wells had an insufficient groundwater recharge rate to purge three times the initial well volume prior to sampling. Wells with insufficient groundwater recovery were purged dry and left for a period of approximately 24 hours to return to static groundwater levels, prior to sampling.
- Monitoring wells MW6-IR-2013, MW9-I, MW11-II (old well), MW21-01, MW21-02, and MW21-03 were dry and could not be sampled.

## 3.4 GROUNDWATER HYDRAULIC MONITORING RESULTS

Groundwater level measurements were collected from each monitoring well during the Spring, Summer and Fall sampling events. A summary of the 2021 groundwater level measurements is presented in Table 2.1. The water levels range from 0.18 to 14.28 metres below ground surface (mbgs) throughout the area and vary in level by up to 2.0 metres seasonally (with an average variation of approximately 0.5 m). The groundwater elevations range from 272 to 286.1 metres above mean sea level (mamsl).

Figure 3.1 shows the estimated groundwater flow direction using the Fall 2021 water level data. Where nested wells (or triple wells) are present, the water level from the shallowest well was used for contouring. Groundwater is generally following surface topography and flowing in a southwesterly direction towards Highway 11.



- LEGEND:**
- WATER
  - RAILROAD
  - ROAD
  - DRAINAGE DITCH
  - PROPERTY BOUNDARY
  - LANDFILL SITE
  - METHANE GAS MONITORING WELL
  - GROUNDWATER MONITORING WELL
  - GROUNDWATER ELEVATION IN METRES ABOVE MEAN SEA LEVEL (MSL)
  - DATA NOT USED FOR CONTOURING
  - RAILWAY
  - SURFACE WATER BARRIAGE LOCATION
  - APPROXIMATE GROUNDWATER FLOW DIRECTION

- NOTE:**
1. CONTOURS ARE 0.5 METRE INTERVALS.
  2. CONTOURS ARE 1 METRE TOPOGRAPHIC CONTOUR INTERVAL, 0.5 METRE GROUNDWATER CONTOUR INTERVAL, 0.5 METRE.
  3. SURFACE CONTOURS WERE GENERATED USING SURVEYS COMPLETED BY THE CONSULTANT, WHILE GROUNDWATER CONTOURS WERE GENERATED BY THE CONSULTANT USING SURVEYS COMPLETED BY THE CONSULTANT.
  4. ELEVATION CONTOURS ARE BASED ON OVERBOROUGHT WELLS.
  5. MONITORING WELLS MW-1 THROUGH MW-100 ARE PLANNED TO BE INSTALLED IN THE SPRING OF 2022.

SCALE 1:50,000  
 0 25 50 75 100 125 150 175 200 M

MUNICIPALITY OF POWASSAN  
 LANDFILL SITE  
 GROUNDWATER ELEVATIONS  
 FALL 2021

DATE: 11/23/21  
 DRAWN BY: [Name]  
 CHECKED BY: [Name]  
 APPROVED BY: [Name]



FIGURE 3.1

### 3.5 GROUNDWATER QUALITY RESULTS

The groundwater Laboratory Certificates of Analysis are included in Appendix C. Analytical results for 2021 are summarized in Appendix D1.1, with results above applicable standards highlighted. Appendix D2.1 provides a summary of the exceedances for each well.

Background water quality results from monitoring well MW18-03 suggest that groundwater is naturally elevated with Hardness and Dissolved Iron during the Summer and Fall (Hardness and Dissolved Iron concentrations typically above the ODWS range).

As indicated in Appendix D2.1, two health-related parameters (Benzene and Dissolved Mercury) were above the ODWS in 2021 for some of the monitoring wells, as listed below:

- Mercury concentrations above ODWS for MW3-I (Spring, Summer, Fall)
- Benzene concentrations above ODWS for MW3-II (Spring, Summer, Fall), MW6-II (Fall), MW10-IIR-2013 (Spring), and MW12-III (Spring, Fall)

Other exceedances of ODWS were either AOs or OGs, which do not have any suspected adverse health effects. ODWS exceedances include; in-situ pH, in-situ Temperature, Alkalinity, Hardness, pH, Temperature, TDS, Dissolved Barium, Dissolved Chloride, Dissolved Iron, Dissolved Manganese, Dissolved Mercury, DOC, and Benzene.

There were several instances where water quality concentrations exceeded the RUGs. The exceedances occurred for in-situ pH, in-situ Temperature, Alkalinity, Hardness, pH, Temperature, TDS, Dissolved Barium, Dissolved Chloride, Dissolved Iron, Dissolved Lead, Dissolved Manganese, Dissolved Sodium, DOC, 1,4-dichloromethane, Toluene and Benzene. The concentrations of Dissolved Barium, 1,4-Dichloromethane, and Toluene were below the respective ODWS limits; all other parameters had concentrations above both the RUGs and ODWS (all ODWS exceedances were AOs or OGs, with the exception of benzene).

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

- Monitoring well MW21-01 has leachate indicator concentrations lower than leachate well MW10-IIR-2013 for most parameters
- Monitoring wells MW3-I, MW3-II, MW4-I, MW6-II and MW7-I have leachate indicator concentrations that are similar or higher than leachate well MW10-IIR-2013 for most parameters except for Dissolved Iron and Dissolved Manganese
- Monitoring wells MW18-01, MW18-02 and MW18-03, which are located along or near the property boundary downgradient of the leachate wells, have leachate indicator concentrations that are generally lower than the leachate wells, indicating that the groundwater leaving the property is not impacted by the Landfill. The only exception to this was Dissolved Chloride from MW18-01 and pH in MW18-02, which was higher than leachate well MW10-IIR-2013.

In general, groundwater quality within the Landfill property is impacted from the waste fill. However, results show that natural attenuation is occurring sufficiently to deter offsite migration of impacted groundwater, based on water quality from downgradient wells.

### 3.5.1 LEACHATE CHARACTERIZATION

Leachate indicator parameters were assessed through the review of water quality results from the leachate wells MW10-IIR-2013, and MW21-01 against background results (MW18-03). A direct comparison of water quality results from the leachate indicator wells to the background well can be seen in Table D3.1.

A list of select leachate indicator parameters can be seen below with the concentration difference at MW10-IIR-2013 compared to background monitoring well results at MW18-03:

- Conductivity - 743 to 1243  $\mu\text{S}/\text{cm}$  above background well concentrations
- Total Dissolved Solids - 388 to 568 mg/L above background well concentrations
- Dissolved Chloride - 45 to 62 mg/L above background well concentrations
- Dissolved Boron - 0.008 to 0.045 mg/L above background well concentrations
- Dissolved Calcium - 79.7 to 136.7 mg/L above background well concentrations
- Dissolved Iron - 3.3 to 22.4 mg/L above background well concentrations
- Dissolved Manganese - 5.67 to 7.5 mg/L above background well concentrations
- Dissolved Organic Carbon - 12 to 17 mg/L above background well concentrations

Elevated concentrations of Dissolved Iron, Dissolved Manganese, and Dissolved Organic Carbon can be seen from both MW10-IIR-2013 and MW21-01 when compared against to the background well results. MW10-IIR-2013 had elevated TDS concentrations compared to both MW18-03 and MW21-01.

Additional parameters were collected and tested at the two leachate wells for Biochemical Oxygen Demand (BOD) and Total Suspended Solids (TSS). MW10-IIR-2013 had higher BOD results when compared to MW21-01 with a maximum result of 15 mg/L. MW21-01 had greater TSS results when compared to MW10-IIR-2013 ranging from 825 to 7860 mg/L.

### 3.6 RESIDENTIAL WATER QUALITY

The residential properties are located upgradient of the Landfill. Sample Res-352 was collected from an outdoor tap during each sampling event. No samples were collected from residential well Res-287 in 2021 as the house was vacant, and the water was turned off.

The following is a summary of the residential water quality results:

- Slightly elevated levels of TDS, Dissolved Chloride, Nitrate, Dissolved Manganese, Dissolved Organic Carbon and Dissolved Barium were reported from the Res-352 water sample when compared to the background well water sample (MW18-03) for all three sampling events
- All concentrations were well below the respective ODWS values with the exception of Dissolved Manganese

Exceedances for ODWS AO/OG guidelines from Res-352 in 2021 were noted including in-situ Temperature, and Dissolved Manganese.

Based on the 2021 water quality results, water quality from Res-352 is not impacted by the Landfill, and there were no exceedances of ODWS for human-health.



### 3.7 GROUNDWATER QA/QC RESULTS

The data provided by QA/QC samples helps to determine the accuracy and precision of the sample data and whether cross-contamination has occurred. The following QA/QC procedures were followed for the 2021 monitoring program:

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

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

## 4.0 SURFACE WATER SAMPLING INFORMATION

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### 4.1 SAMPLING PROTOCOLS

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

- Samples were collected in labeled; clean bottles provided by the laboratory. When a direct transfer from the surface water feature into laboratory-supplied container was not possible, an un-preserved laboratory bottle was used to transfer the sample into the appropriate sample containers. This transfer bottle was used at one location, then discarded.
- In situ surface water quality data were measured at each surface water location using a Horiba U-52 multi-parameter meter. The instrument was calibrated each day following the manufacturer's instructions prior to use. All results were recorded on field data sheets.
- Samples were kept cool with ice
- New nitrile gloves were used during sampling at each surface sampling location
- Pertinent sampling information was recorded on a COC form, and a copy was delivered with the samples to SGS

### 4.2 APPLICABLE STANDARDS

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

### 4.3 SURFACE WATER QUALITY RESULTS

The surface water analytical results are found in Appendix E1. As previously mentioned, surface water sampling location SW3 (McGillivray Creek) is located upstream of the Landfill and is considered representative of background or natural surface water quality. The water quality results from this location indicate that surface water is naturally elevated in Total Iron for all three seasons above PWQO limits, and Total Phosphorus and Total Zinc concentrations above PWQO limits for the Summer season.

Surface water sampling locations SW-2 and SW-4 had Dissolved Iron concentrations, Alkalinity, and Dissolved Phosphorus above the PWQO guidelines in the Summer and Fall. SW-2 and SW-4 also had in-situ pH below the range of 6.5 to 8.5 in the Spring. SW-2 had an in-situ pH below the range of 6.5 to 8.5 in the Fall as well, and SW-4 had an in-situ pH below the PWQO range in the Summer. When compared against background surface water location SW-3, the in-situ pH values are very similar.

Based on a comparison of upstream (SW-3) and downstream (SW-2 and SW-4) surface water quality, the Landfill is not impacting surface water.

### 4.4 QA/QC RESULTS

The following QA/QC procedures were followed for the 2021 surface water monitoring program:

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

- Gloves and other protective equipment were worn at all times during sampling
- QA/QC duplicate samples were collected and analysed (approximately 10% of the total number of samples collected (1 in 10 samples))

QA/QC results are included in Appendix E2. In total, there were 15 instances where the RPDs of 20% or higher were found. The instances occurred for Alkalinity, Bicarbonate Alkalinity, Chemical Oxygen Demand, Total Dissolved Solids, Conductivity, Total Suspended Solids, Chloride, Dissolved cadmium, Dissolved Chromium, Dissolved Copper, and Dissolved Lead.

## 5.0 METHANE SAMPLING INFORMATION

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### 5.1 GENERAL

Methane concentrations were measured in two monitoring wells (MMW1 and MMW2) during the three sampling events. The appropriate MOE Guideline (D-4; MOECC, 2016c) and Procedure (D-4-1; MOECC, 2016d) indicates that:

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

### 5.2 ANALYTICAL PROCEDURES AND RESULTS

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

Methane measurements are summarized in Table 5.1. Methane concentrations were measured to be low to not present in 2021, with the exception of the Fall sampling event, in which the LEL was 2.3% in MMW1 and 4% in MMW2.

TABLE 1  
 UNIVERSITY OF PENNSYLVANIA  
 2011-2012 BUDGET  
 2011-2012 BUDGET

Program	Units	2011-2012										2012-2013										2013-2014										2014-2015																		
		10000	10100	10200	10300	10400	10500	10600	10700	10800	10900	10000	10100	10200	10300	10400	10500	10600	10700	10800	10900	10000	10100	10200	10300	10400	10500	10600	10700	10800	10900	10000	10100	10200	10300	10400	10500	10600	10700	10800	10900									
Admission	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
<b>Total</b>		1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

1. ...

## 6.0 DISCUSSION OF FINDINGS

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### 6.1 LEACHATE CHARACTERIZATION

As mentioned in Section 2.5, leachate indicator parameters (characteristic of Landfill impacts) are assessed through a review of the water quality results from monitoring wells MW10-IIR-2013 and MW21-01, which are located within the waste disposal area of the Landfill. As shown in Appendix D3.1, when compared to background monitoring well results from MW18-03, leachate well MW10-IIR-2013 had leachate indicator concentrations above background values. These leachate indicators included; Biochemical Oxygen Demand (BOD), Total Suspended Solids (TSS), Total Dissolved Solid (TDS), Conductivity, Chloride (Dissolved), Boron (Dissolved), Calcium (Dissolved), Iron (Dissolved), Manganese (Dissolved), and Organic Carbon (Dissolved).

### 6.2 LANDFILL DERIVED WATER QUALITY IMPACTS

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

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

There are no Landfill related impacts to residential well Res-352 sampled east and upgradient of the Landfill. The water quality results for the residential well (Res-352) did indicate slightly elevated Hardness, pH, TDS, Dissolved Barium, Dissolved Manganese, and Dissolved Organic Carbon, and Dissolved Barium, but they did not exceed ODWS. These results may be related to other factors such as on-going farming activities on the property.

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

## 7.0 CONCLUSIONS

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The following general conclusions can be made regarding the water quality based on the 2021 results.

### Groundwater:

- Background groundwater quality is found to be generally elevated in Hardness, Total Dissolved Solids, Dissolved Manganese, Dissolved Iron, and Dissolved Organic Carbon
- The groundwater quality at the Landfill is found to be generally within ODWS guidelines for health-related parameters, with the following exceptions: Benzene (MW3-II, MW6-II, MW12-III, and MW10-IIR-2013(leachate well)). These monitoring wells are located within the Landfill.
- Health-related RUG exceedances were noted for Dissolved Mercury (MW3-I), Benzene (MW3-II, MW6-II, MW10-IIR-2013 and MW12-III). These monitoring wells are also located within the Landfill.
- Most monitoring wells had exceedances of ODWS non-health related parameters. Non-health parameter exceedances consisted of in situ pH (multiple), Alkalinity (multiple), Hardness (multiple), laboratory pH (multiple), TDS (multiple), Dissolved Iron (multiple), Dissolved Manganese (multiple), Dissolved Mercury, DOC (multiple), and Dissolved Chloride (MW7-I)
- Slightly elevated levels of Nitrate and Dissolved Barium were noted in residential well Res-352, when compared to the background well (MW18-03). These concentrations were well below the respective ODWS values.
- In situ Methane measurements from wells MMW1 and MMW2 were below the 5% limit in 2021
- The 2021 groundwater QA/QC results showed several instances where the RPD was greater than 20%, however, the absolute difference between the concentrations was generally small. This small difference indicates the water quality results are accurate and reliable.

### Surface Water:

- Based on a comparison of upstream (background) and downstream surface water quality, the Landfill is not impacting surface water
- The 2021 surface water QA/QC results had 13 RPD values greater than 20%, however the absolute difference between the concentrations was generally small. This small difference indicates the water quality results are accurate and reliable.

## 8.0 RECOMMENDATIONS

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The following is recommended based on the 2021 monitoring program results:

- Continue sampling and testing groundwater and surface water three times per year so that trends may continue to be monitored. Collection of QA/QC samples should also continue to ensure that laboratory results are confirmed to be reliable and accurate.
- Laboratory results for residential well Res-352 indicated slightly elevated levels of Dissolved Barium, but below ODWS guidelines. Future results should be closely monitored to confirm that the parameters remain below the ODWS guidelines.
- Clearing of brush and long grass near the monitoring wells should be completed prior to each sampling event to ensure easy and safe access to the wells and allow better visibility to avoid bears that may be in the immediate area
- Several monitoring wells consistently go dry during purging and often don't recover sufficiently within 24 hours to collect a full sample. In these instances, it may be required to allow an additional day for recovery. Alternatively, it may be possible to collect the samples using disposable bailers.
- Paint and flag all monitoring well protective casings to improve visibility of the wells
- A survey of the three new groundwater monitoring wells installed in 2021 should be completed for accurate groundwater level reporting



## 9.0 REFERENCES

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- Integrated Earth & Environmental Limited, 1998. *Hydrogeological Monitoring Report, Himsforth South Landfill Site, Powassan, Ontario*. October 6.
- Ontario Ministry of Environment (MOE), 2001. *Amendment to Provisional Certificate of Approval. Number A521701*. June 23.
- Ontario Ministry of the Environment (MOE), 2012. *Landfill Standards: A Guideline to the Regulatory and Approval Requirements for New or Expanding Landfilling Sites*. PIBS 7792e.
- Ontario Ministry of the Environment and Climate Change (MOECC), 2016a. *Guideline B-7: Incorporation of the Reasonable Use Concept in MOEE Groundwater Management*. Retrieved from: <https://www.ontario.ca/page/guideline-b-7-incorporation-reasonable-use-concept-moee-groundwater-management> (assessed January 12, 2017).
- Ontario Ministry of the Environment and Climate Change (MOECC), 2016b. *B-7-1 Determination of Contaminant Limits and Attenuation Zones*. Retrieved from: <https://www.ontario.ca/page/b-7-1-determination-contaminant-limits-and-attenuation-zones> (assessed January 12, 2017).
- Ontario Ministry of the Environment and Climate Change (MOECC), 2016c. *O.Reg 347: D-4 Land Use On or Near Landfills and Dumps*. Retrieved from: <https://www.ontario.ca/page/d-4-land-use-or-near-landfills-and-dumps> (assessed January 12, 2017).
- Ontario Ministry of the Environment and Climate Change (MOECC), 2016d. *O.Reg. 347: D-4-1 Assessing Methane Hazards from Landfill Sites*. Retrieved from: <https://www.ontario.ca/page/d-4-1-assessing-methane-hazards-landfill-sites> (updated May 18, 2016).
- Ontario Ministry of the Environment and Energy (MOEE), 1999. *Water Management: Policies, Guidelines, Provincial Water Quality Objectives of the Ministry of the Environment and Energy, Province of Ontario*. (Reprinted from 1994). ISBN 0-7778-8473-9 rev.
- Ministry of Environment Conservation and Parks (MECP), 2020. *Ontario Drinking Water Quality Standards, 2018*. Under the Safe Water Drinking Act (2002). O.Reg. 169/03.

## 10.0 CERTIFICATION

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This report was prepared and reviewed by the undersigned.

Prepared:



Mackenzie Aiken  
Junior Scientist



Reviewed:



Steven R. Aiken, P.Eng.  
Manager, Environmental Services

This report was prepared by Knight Piésold Ltd. for the account of Municipality of Powassan. Report content reflects Knight Piésold's best judgement based on the information available at the time of preparation. Any use a third party makes of this report, or any reliance on or decisions made based on it is the responsibility of such third parties. Knight Piésold Ltd. accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report. Any reproductions of this report are uncontrolled and might not be the most recent revision.

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



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

**GENERAL GOVERNMENT**

Vendor	Invoice Number	Date	Description	Due Date	Invoice Amt	Approved Amt	Account Number	Account Description	Budgeted \$	YTD Balance
	8655	AMCTO, SUITE610, 2680 SKYMARK AVE., MISSISSAUGA, ON, L4W 5L6		01/18/22	\$412.13	\$412.13	10-10-61730	MEMBERSHIPS &	\$0.00	\$0.00
	107944	2022 ANNUAL MEMBERSHIP		01/18/22						
	8781	GREEN SHIELD CANADA, P.O. 1612, WINDSOR, ON, N9A 7A7		01/18/22	\$266.47	\$266.47	10-10-24600	A/R LIBRARY BOARD	\$0.00	(\$1,067.93)
	11755790	11755790		01/18/22	\$1,181.63	\$1,181.63	10-10-61510	BENEFITS	\$0.00	\$0.00
	11755790	OFFICE GREEN SHIELD		01/18/22	\$1,181.63	\$1,181.63	10-10-61510	BENEFITS	\$0.00	\$0.00
	8868	MUNICIPAL FINANCE OFFICERS' ASSOCIATION, 2169 QUEEN ST EAST, 2ND FLOOR, TORONTO, ON, M4L 1J1		01/18/22	\$254.40	\$254.40	10-10-61730	MEMBERSHIPS &	\$0.00	\$0.00
	2022-162	ANNUAL MEMBERSHIP		01/18/22	\$254.40	\$254.40	10-10-61730	MEMBERSHIPS &	\$0.00	\$0.00
	8871	MUNICIPAL PROPERTY ASSESSMENT CORP, 1340 PICKERING PARKWAY, SUITE 101, PICKERING, ON, L1V 0C4		01/18/22	\$13,563.36	\$13,563.36	10-10-61690	MPAC	\$0.00	\$0.00
	29788	PRICE ADVERTISING INC, 7 JOHN ST UNIT 4, HUNTSVILLE, ON, P1H 1H5		01/19/22	\$457.92	\$457.92	10-10-68410	BIA-MAT/SUPPLIES	\$0.00	\$0.00
	8940	PRICE ADVERTISING INC, 7 JOHN ST UNIT 4, HUNTSVILLE, ON, P1H 1H5		01/19/22	\$457.92	\$457.92	10-10-68410	BIA-MAT/SUPPLIES	\$0.00	\$0.00
	3422	ANNUAL MEMBERSHIP		01/18/22	\$748.18	\$748.18	10-10-61730	MEMBERSHIPS &	\$0.00	\$0.00
	9069	ONTARIO GOOD ROADS ASSOC., 1525 CORNWALL ROAD, UNIT 22, OAKVILLE, ON, L6J 0B2		01/18/22	\$96.16	\$96.16	10-10-61730	MEMBERSHIPS &	\$0.00	\$0.00
	61330	ANNUAL CONTRIBUTION		01/18/22	\$96.16	\$96.16	10-10-61730	MEMBERSHIPS &	\$0.00	\$0.00
	9342	MIERCO, 200 UNIVERSITY AVE., SUITE 801, TORONTO, ON, M5H 3C6		01/18/22	\$234.05	\$234.05	10-10-61730	MEMBERSHIPS &	\$0.00	\$0.00
	MCM007470	ANNUAL MEMBERSHIP		01/18/22	\$234.05	\$234.05	10-10-61730	MEMBERSHIPS &	\$0.00	\$0.00
	9462	OMTRA, SUITE # 119, AURORA, ON, L4G 6H8		01/18/22	\$398.66	\$398.66	10-10-61540	OFFICE SUPPLIES	\$0.00	\$0.00
	01092	ANNUAL MEMBERSHIP		01/18/22	\$398.66	\$398.66	10-10-61540	OFFICE SUPPLIES	\$0.00	\$0.00
	9768	OFFICE CENTRAL, 60 LEEK CRESCENT, RICHMOND HILL, ON, L4B 1H1		01/18/22	\$442.70	\$442.70	10-10-61550	TELEPHONE & FAX	\$0.00	\$0.00
	1899839-0	PAPER, POST NOTES, COIL BOOK		01/18/22	\$442.70	\$442.70	10-10-61550	TELEPHONE & FAX	\$0.00	\$0.00
	9926	AGILIS NETWORKS, 500 REGENT STREET, SUDBURY, ON, P3E 3Y2		01/18/22	\$356.16	\$356.16	10-10-61600	POSTAGE/COURIER/CO	\$0.00	\$0.00
	003113358	INTERNET		01/18/22	\$356.16	\$356.16	10-10-61600	POSTAGE/COURIER/CO	\$0.00	\$0.00
	10059	LBEL INC, P.O. BOX 4094, STATION A, TORONTO, ON, M5W3T1		01/18/22	\$147.64	\$147.64	10-10-24600	A/R LIBRARY BOARD	\$0.00	(\$1,067.93)
	1929217	COPIER LEASE		01/18/22	\$0.00	\$0.00	10-10-61510	BENEFITS	\$0.00	\$0.00
	10061	MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2L4P4		01/18/22	\$1,028.05	\$1,028.05	10-10-61510	BENEFITS	\$0.00	\$0.00
	JAN 2022	LIBRARY LIFE/DISABILITY INS		01/18/22	\$0.00	\$0.00	10-10-61510	BENEFITS	\$0.00	\$0.00
	JAN 2022	MF LIFE/DISABILITY INS		01/18/22	\$1,028.05	\$1,028.05	10-10-61510	BENEFITS	\$0.00	\$0.00
	JAN 2022	OFFICE LIFE/DISABILITY INS		01/18/22	\$1,175.69	\$1,175.69	10-10-61730	MEMBERSHIPS &	\$0.00	\$0.00
	10068	ASSOCIATION OF MUNICIPALITIES OF ONTARIO, 200 UNIVERSITY AVENUE, SUITE 801, TORONTO, ON, M5H3C6		01/18/22	\$1,828.68	\$1,828.68	10-10-61730	MEMBERSHIPS &	\$0.00	\$0.00
	MEN008273	ANNUAL MEMBERSHIP		01/18/22	\$1,828.68	\$1,828.68	10-10-61730	MEMBERSHIPS &	\$0.00	\$0.00

Feb 1/22  
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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
10447	01/18/22	AINSWORTH INC., 131 BERMONDSEY RD, TORONTO, ON, M4A 1X4	01/18/22	\$320.54	\$320.54	10-10-61640	OFFICE & EQUIPMENT	\$0.00	\$0.00
1419666	01/18/22	AUXILIARY HEAT NOT WORKING	01/18/22	\$636.11	\$636.11			\$0.00	\$0.00
10552	01/18/22	SYNAPEX INC., 95 MURAL STREET, SUITE 201, RICHMOND HILL, ON, L4B 3G2	01/18/22	\$2,473.88	\$2,473.88	10-10-61570	COMPUTERS	\$0.00	\$0.00
3522	01/18/22	FIREWALL	01/18/22	\$2,747.13	\$2,747.13			\$0.00	\$0.00

Total GENERAL GOVERNMENT

\$26,348.14

250 CLARK

8728	01/18/22	D & D JANITORIAL SUPPLIES, 161 FERRIS DRIVE, UNIT 12, NORTH BAY, ON, P1A 4K2	01/18/22	\$355.70	\$355.70	10-12-61754	250 CLARK-PROGRAM	\$0.00	\$0.00
7244	01/18/22	TOILET TISSUE AND HAND TOWELS	01/18/22	\$355.70	\$355.70			\$0.00	\$0.00

8781	01/18/22	GREEN SHIELD CANADA, P.O. 1612, WINDSOR, ON, N9A 7A7	01/18/22	\$266.15	\$266.15	10-12-61525	250 CLARK-JANITORIAL	\$0.00	\$0.00
11755790	01/18/22	GREEN SHIELD DRUG PLAN	01/18/22	\$266.15	\$266.15			\$0.00	\$0.00

8831	01/18/22	MARK FORTH, 80 LINDQUIST LINE, POWASSAN, ON, P0H 1Z0	01/18/22	\$100.00	\$100.00	10-12-61641	250 CLARK-BUILDING	\$0.00	\$0.00
321674	01/18/22	BUILDING MAINTENANCE	01/18/22	\$100.00	\$100.00			\$0.00	\$0.00

9926	01/18/22	AGILIS NETWORKS, 500 REAGENT STREET, SUDBURY, ON, P3E 3Y2	01/18/22	\$245.94	\$245.94	10-12-61754	250 CLARK-PROGRAM	\$0.00	\$0.00
003113358	01/18/22	TELECOM @ 250 CLARK	01/18/22	\$245.94	\$245.94			\$0.00	\$0.00

10061	01/18/22	MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2J4P4	01/18/22	\$108.75	\$108.75	10-12-61525	250 CLARK-JANITORIAL	\$0.00	\$0.00
JAN 2022	01/18/22	250 CLARK	01/18/22	\$108.75	\$108.75			\$0.00	\$0.00

10447	01/18/22	AINSWORTH INC., 131 BERMONDSEY RD, TORONTO, ON, M4A 1X4	01/18/22	\$1,480.61	\$1,480.61	10-12-61641	250 CLARK-BUILDING	\$0.00	\$0.00
1419658	01/18/22	GYM ROOFTOP MOTOR REPLACEMENT	01/18/22	\$385.36	\$385.36	10-12-61641	250 CLARK-BUILDING	\$0.00	\$0.00
1419665	01/18/22	EAST GYM ROOFTOP UNIT REPAIRS	01/18/22	\$1,865.97	\$1,865.97			\$0.00	\$0.00

Total 250 CLARK

\$2,942.51

FIRE DEPARTMENT

8781	01/18/22	GREEN SHIELD CANADA, P.O. 1612, WINDSOR, ON, N9A 7A7	01/18/22	\$316.15	\$316.15	10-15-61510	BENEFITS	\$0.00	\$0.00
11755790	01/18/22	FIRE GREEN SHIELD	01/18/22	\$316.15	\$316.15			\$0.00	\$0.00

8799	01/18/22	J & J EQUIPMENT REPAIR, 84 CHISWICK LINE, RR # 1, POWASSAN, ON, P0H 1Z0	01/18/22	\$644.73	\$644.73	10-15-62030	FIRE DEPT.-TRUCKS	\$0.00	\$0.00
17774	01/18/22	LADDER 1 SERVICE	01/18/22	\$644.73	\$644.73			\$0.00	\$0.00

8893	01/18/22	NORTHERN COMMUNICATIONS SERVICES INC., 230 ALDER STREET, SUDBURY, ON, P3C 4J2	01/18/22	\$51.60	\$51.60	10-15-62000	FIRE DEPT.	\$0.00	\$0.00
01012022	01/18/22	FIRE DISPATCH	01/18/22	\$51.60	\$51.60			\$0.00	\$0.00

9205	01/18/22	FIRE MARSHAL'S PUPPIC FIRE SAFETY COUNCIL, 100 STROWGER BLVD., SUITE 119, BROCKVILLE, ON, K6V 5J9	01/18/22	\$100.00	\$100.00	10-15-62020	FIRE DEPT.-OPERATIONS	\$0.00	\$94.25
5806	01/18/22	annual membership	01/18/22	\$100.00	\$100.00			\$0.00	\$0.00

9216	01/18/22	M & L SUPPLY, 14935 COUNTRY RD #2, P.O. BOX 269, INGLESIDE, ON, K0C 1M0	01/18/22	\$1,944.41	\$1,944.41	10-15-62040	FIRE DEPT.	\$0.00	\$0.00
10617	01/18/22	BUNKER GEAR	01/18/22	\$1,944.41	\$1,944.41			\$0.00	\$0.00

\$1,944.41

**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
9926	01/18/22	AGILIS NETWORKS, 500 REGENT STREET, SUDBURY, ON, P3E 3Y2	01/18/22	\$152.64	\$152.64	10-15-62020	FIRE DEPT.-OPERATIONS	\$0.00	\$94.25
003116364	01/18/22	TC FIRE HALL PHONE AND INTERNET	01/18/22						
10035	01/18/22	TRANS CANADA SAFETY BY STAR LIFE, 1492 MAIN STREET W, 4A, NORTH BAY, ON, P1B2X3	01/18/22	\$372.44	\$372.44	10-15-62020	FIRE DEPT.-OPERATIONS	\$0.00	\$94.25
27461	01/19/22	CASCADE SYSTEM REFILL	01/19/22	\$28.49	\$28.49	10-15-62020	FIRE DEPT.-OPERATIONS	\$0.00	\$94.25
27570	01/19/22	fire extinguisher	01/19/22						
10061	01/18/22	MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2J4P4	01/18/22	\$181.30	\$181.30	10-15-61510	BENEFITS	\$0.00	\$0.00
JAN 2022				\$181.30					

**Total FIRE DEPARTMENT**

\$3,791.76

**PUBLIC WORKS**

8689	01/18/22	CANADIAN NATIONAL, NON FREIGHT, P.O. 6089, SUCC. CENTRE VILLE, MONTREAL, PQ, H3C 3H1	01/18/22	\$7,116.00	\$7,116.00	10-20-63470	SAFETY DEVICES/CN-	\$0.00	\$0.00
91612760	01/18/22	MONTHLY GATE CROSSING MAINTENANCE	01/18/22						
8778	01/19/22	GOMOLL TIM-BR MART, 8 JOSEPH STREET, BOX 67, POWASSAN, ON, P0H 1Z0	01/19/22	\$13.91	\$13.91	10-20-63060	PUBLIC WORKS-	\$0.00	\$0.00
2092648	01/19/22	PUSH FIT 1/2	01/19/22						
8781	01/18/22	GREEN SHIELD CANADA, P.O. 1612, WINDSOR, ON, N9A 7A7	01/18/22	\$1,866.55	\$1,866.55	10-20-63050	PUBLIC WORKS-	\$0.00	\$0.00
11755790	01/18/22	PW GREEN SHIELD	01/18/22						
8897	01/18/22	NORTHERN UNIFORM SERVICE, 2230 ALGONQUIN ROAD, SUDBURY, ON, P3E 4Z6	01/18/22	\$208.00	\$208.00	10-20-63060	PUBLIC WORKS-	\$0.00	\$0.00
471184	01/18/22	PW UNIFORM RENTALS	01/18/22						
8982	01/18/22	SPECTRUM TELECOM GROUP LTD, 505 FROOD ROAD, SUDBURY, ON, P3C 5A2	01/18/22	\$323.60	\$323.60	10-20-63060	PUBLIC WORKS-	\$0.00	\$0.00
1213713	01/18/22	TOWER RENTAL	01/18/22						
9074	01/19/22	BUMPER TO BUMPER - H.E. BROWN, PO BOX 538, 600 GORMANVILLE RD UNIT 201, NORTH BAY, ON, P1B 8J3	01/19/22	\$669.83	\$669.83	10-20-63060	PUBLIC WORKS-	\$0.00	\$0.00
582179/D	01/19/22	GREASE GUN	01/19/22						
584975/D	01/19/22	MIRROR AND COTTER PINS	01/19/22	\$161.43	\$161.43	10-20-63060	PUBLIC WORKS-	\$0.00	\$0.00
9669	01/19/22	SERVICE ONE MUFFLERS, 4000 KIRKPATRICK ST, NORTH BAY, ON, P1B 8G5	01/19/22	\$228.74	\$228.74	10-20-63060	PUBLIC WORKS-	\$0.00	\$0.00
75504	01/19/22	TIRE CHAINS	01/19/22						
75278	01/19/22	TIRE CHAINS	01/19/22	\$303.70	\$303.70	10-20-63420	WINTER CONTROL-	\$0.00	\$0.00
9926	01/18/22	AGILIS NETWORKS, 500 REGENT STREET, SUDBURY, ON, P3E 3Y2	01/18/22	\$203.52	\$203.52	10-20-63065	PUBLIC WORKS MAT &	\$0.00	\$0.00
003115764	01/18/22	INTERNET	01/18/22						
10061	01/18/22	MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2J4P4	01/18/22	\$1,119.50	\$1,119.50	10-20-63050	PUBLIC WORKS-	\$0.00	\$0.00
JAN 2022				\$1,119.50					

**Total PUBLIC WORKS**

\$12,214.78

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
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**ENVIRONMENT**

8781		GREEN SHIELD CANADA, P.O. 1612, WINDSOR, ON, N9A 7A7	01/18/22	\$223.81	\$223.81	10-25-61510	BENEFITS GARBAGE	\$0.00	\$0.00
11755790		01/18/22 GREEN SHIELD DRUG PLAN			\$223.81				
10061		MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2J4P4	01/18/22	\$102.57	\$102.57	10-25-64910	LANDFILL SITE-	\$0.00	\$0.00
JAN 2022		01/18/22 MF LIFE/DISABILITY INS			\$102.57				

**Total ENVIRONMENT**

**WATER**

9030		VIANET INTERNET SOLUTIONS, 128 LARCH STREET, SUDBURY, ON, P3E 5J8	01/18/22	\$76.31	\$76.31	10-30-64510	WATER PUMPHOUSE-	\$0.00	\$0.00
510444		01/18/22 INTERNET			\$76.31				

**Total WATER**

**BUILDING DEPARTMENT**

8781		GREEN SHIELD CANADA, P.O. 1612, WINDSOR, ON, N9A 7A7	01/18/22	\$267.59	\$267.59	10-45-62700	BUILDING INSPECTOR	\$0.00	\$0.00
11755790		01/18/22 BUILDING INSPECTOR GREEN SHIELD			\$267.59				
10061		MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2J4P4	01/18/22	\$260.89	\$260.89	10-45-62700	BUILDING INSPECTOR	\$0.00	\$0.00
JAN 2022		01/18/22 BUILDING INSPECTOR LIFE/DISABILITY INS.			\$260.89				

**Total BUILDING DEPARTMENT**

**PROTECTION TO PERSONS & PROPERTY**

8781		GREEN SHIELD CANADA, P.O. 1612, WINDSOR, ON, N9A 7A7	01/18/22	\$267.05	\$267.05	10-50-61510	BENEFITS	\$0.00	\$0.00
11755790		01/18/22 PROPERTY STANDARD GREEN SHIELD			\$267.05				
8976		SEE MORE GRAPHICS, 506 MCGAUGHEY AVE, NORTH BAY, ON, P1B 1W6	01/18/22	\$43.25	\$43.25	10-50-62555	911 COSTS	\$0.00	\$0.00
3060		01/18/22 CIVIC ADDRESS SIGN			\$43.25				

**Total PROTECTION TO PERSONS & PROPERTY**

**HISTORICAL & CULTURE**

9926		AGILIS NETWORKS, 500 REGENT STREET, SUDBURY, ON, P3E 3Y2	01/18/22	\$50.88	\$50.88	10-65-66030	TROUT CREEK SENIOR	\$0.00	\$0.00
003116364		01/18/22 TC SENIORS			\$50.88				

**Total HISTORICAL & CULTURE**

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

**PLANNING & DEVELOPMENT**

9479 CGIS SPATIAL SOLUTIONS, 52 SOUTH STREET, PERTH, ON, K7H 2G7 01/18/22 \$3,999.56 \$3,999.56 10-70-68010 PLANNING & \$0.00 \$0.00  
44562 01/18/22 CGIS 1ST Q

**Total PLANNING & DEVELOPMENT**

\$3,999.56

**TROUT CREEK COMMUNITY CENTRE**

8781 GREEN SHIELD CANADA, P.O. 1612, WINDSOR, ON, N9A 7A7 01/18/22 \$266.96 \$266.96 10-75-61510 BENEFITS \$0.00 \$0.00  
11755790 01/18/22 TCCC GREEN SHIELD

8862 MOORE PROPANE LIMITED, 56 GIBSON ST, NORTH BAY, ON, P1B 8Z4 01/18/22 \$33.84 \$33.84 10-75-61800 SUPPLIES \$0.00 \$0.00  
1075318 01/18/22 PROPANE

9925 SHAW DIRECT SATELLITE, PO BOX 2530 STN M, CALGARY, AB, T2P 0C2 01/19/22 \$17.15 \$17.15 10-75-61800 SUPPLIES \$0.00 \$0.00  
20023688039 01/22 SUPPLIES

9926 AGILIS NETWORKS, 500 REGENT STREET, SUDBURY, ON, P3E 3V2 01/18/22 \$225.00 \$225.00 10-75-61550 TELEPHONE & FAX \$0.00 \$0.00  
003116366 01/22 PHONE AND INTERNET

10061 MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2L4P4 01/18/22 \$196.35 \$196.35 10-75-61510 BENEFITS \$0.00 \$0.00  
JAN 2022 TCCC LIFE/DISABILITY INS

10447 AINSWORTH INC., 131 BERMONDSEY RD, TORONTO, ON, M4A 1X4 01/19/22 \$670.41 \$670.41 10-75-61820 MAINTENANCE \$0.00 \$0.00  
1420118 01/19/22 DEHUMIDIFIER REPAIRS

**Total TROUT CREEK COMMUNITY CENTRE**

\$1,409.71

**SPORTSPLEX**

8781 GREEN SHIELD CANADA, P.O. 1612, WINDSOR, ON, N9A 7A7 01/18/22 \$266.96 \$266.96 10-80-61510 BENEFITS \$0.00 \$0.00  
11755790 01/18/22 SP GREEN SHIELD

8862 MOORE PROPANE LIMITED, 56 GIBSON ST, NORTH BAY, ON, P1B 8Z4 01/18/22 \$66.52 \$66.52 10-80-61930 ZAMBONI-REPAIRS & \$0.00 \$0.00  
1075316 01/18/22 PROPANE REFILL

9926 AGILIS NETWORKS, 500 REGENT STREET, SUDBURY, ON, P3E 3V2 01/18/22 \$250.00 \$250.00 10-80-61555 OFFICE EXPENSES \$0.00 \$0.00  
3111682 01/22 OFFICE EXPENSES

10061 MANULIFE FINANCIAL, PREMIUM ADMINISTRATION (VO), P.O. BOX 1627, WATERLOO, ON, N2L4P4 01/18/22 \$196.35 \$196.35 10-80-61510 BENEFITS \$0.00 \$0.00  
JAN 2022 SP LIFE/DISABILITY INS

**Total SPORTSPLEX**

\$779.83

Total Bills To Pay:

\$52,778.64

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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
<b>GENERAL GOVERNMENT</b>										
	8972	RUSSELL, CHRISTIE, LLP, 505 MEMORIAL AVENUE, BOX 158, ORILLIA	ON, L3V 6J3	12/31/21	\$203.52	\$203.52	10-10-61560	AUDIT & LEGAL	\$20,000.00	(\$12,085.23)
	73-104-069	12/31/21 maplehill legal			\$203.52					
	9613	MATHEWS DINDSDALE, 3600-155 WELLINGTON ST WEST, TORONTO, ON, M5V 3H1		12/30/21	\$932.25	\$932.25	10-10-61560	AUDIT & LEGAL	\$20,000.00	(\$12,085.23)
	422749	12/30/21 LABOUR RELATIONS			\$932.25					
	9981	BILL COPEMAN, BOX 546, SUNDRIDGE, ON, P0A 1Z0		12/31/21	\$1,138.27	\$1,138.27	10-10-68410	BLA-MAT/SUPPLIES	\$10,000.00	\$1,481.70
	DEC 31 2021	12/31/21 CHRISTMAS TREES			\$1,138.27					
<b>Total GENERAL GOVERNMENT</b>										
<b>250 CLARK</b>										
	10447	AINSWORTH INC., 131 BERMONDSEY RD, TORONTO, ON, M4A 1X4		12/30/21	\$661.53	\$661.53	10-12-61641	250 CLARK-BUILDING	\$25,000.00	\$1,153.52
	1400877	12/30/21 HVACR REPAIRS AND SERVICE			\$661.53					
<b>Total 250 CLARK</b>										
<b>FIRE DEPARTMENT</b>										
	9354	PENNEY & COMPANY, BOX 87, POWASSAN, ON, P0H 1Z0		12/31/21	\$839.52	\$839.52	10-15-62020	FIRE DEPT.-OPERATIONS	\$62,000.00	\$5,154.81
	9031	12/31/21 LOGO DESIGN AND 6 DECALS			\$839.52					
<b>Total FIRE DEPARTMENT</b>										
<b>PUBLIC WORKS</b>										
	8689	CANADIAN NATIONAL, NON FREIGHT, P.O. 6089, SUCC. CENTRE VILLE, MONTREAL, PQ, H3C 3H1		12/31/21	\$326.50	\$326.50	10-20-63470	SAFETY DEVICES/CN-	\$75,000.00	\$58,652.39
	91612760	12/21 MONTHLY GATE CROSSING MAINTENANCE			\$326.50					
	8912	OSHELL'S VALU-MART, P.O. BOX 322, POWASSAN, ON, P0H 1Z0		12/31/21	\$37.61	\$37.61	10-20-63065	PUBLIC WORKS MAT &	\$6,000.00	\$354.00
	26768	12/31/21 LUNCH ROOM SUPPLIES			\$37.61					
	9688	MUNICIPALITY OF EAST FERRIS, 390 HIGHWAY 94, P.O. BOX 85, CORBELL, ON, P0H 1K0		12/31/21	\$852.56	\$852.56	10-20-63860	CAPITAL-	\$1,466,300.00	\$406,095.48
	1715	12/31/21 MAPLEHILL ENGINEERING			\$852.56					
	10278	TOTAL ALIGNMENT 2418136 ONT LTD, 1520 CHOLLETTE ST. UNIT D, NORTH BAY, ON, P1A 0A9		12/31/21	\$430.55	\$430.55	10-20-63780	2014 FREIGHTLINER-	\$28,000.00	\$19,866.54
	11612	12/31/21 TRUCK REPAIRS			\$430.55					
	10335	BRUMAN CONSTRUCTION INC., 305 ARNOLD STREET, KITCHENER, ON, N2H 6G1		12/30/21	\$128,378.29	\$128,378.29	10-20-63860	CAPITAL-	\$1,466,300.00	\$406,095.48
	2112-2004	12/30/21 MAPLEHILL			\$128,378.29					
<b>Total PUBLIC WORKS</b>										

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**Municipality of Powassan  
A/P Preliminary Cheque Run**

(Council Approval Report)

Invoice Number	Date	Description	Due Date	Invoice Amt	Approved Amt	Account Number	Account Description	Budgeted \$	YTD Balance
<b>ENVIRONMENT</b>									
9669		SERVICE ONE MUFFLERS, 4000 KIRKPATRICK ST, NORTH BAY, ON, P1B 8G5							
75044	12/31/21	WHEEL	12/31/21	\$1,338.76	\$1,338.76	10-25-64830	GARBAGE VEHICLE	\$31,000.00	\$2,878.67
<b>Total ENVIRONMENT</b>									
<b>WATER</b>									
8907		ONTARIO CLEAN WATER AGENCY, , 2085 HURONTARIO ST. SUITE 500, MISSISSAUGA, ON, L5A 4G1							
18465	12/30/21	OCWA ADDITIONAL	12/30/21	\$1,582.46	\$1,582.46	10-30-64510	WATER PUMPHOUSE-	\$35,000.00	\$13,201.44
18465	12/30/21	OCWA ADDITIONAL	12/30/21	\$6,344.11	\$6,344.11	10-30-64715	WATER-CAPITAL	\$52,000.00	\$24,875.85
<b>Total WATER</b>									
<b>SEWER</b>									
8907		ONTARIO CLEAN WATER AGENCY, , 2085 HURONTARIO ST. SUITE 500, MISSISSAUGA, ON, L5A 4G1							
18465	12/30/21	OCWA ADDITIONAL	12/30/21	\$1,317.29	\$1,317.29	10-40-64110	SEWER PUMPHOUSE-	\$5,000.00	\$3,966.46
<b>Total SEWER</b>									
<b>PLANNING &amp; DEVELOPMENT</b>									
9479		CGIS SPATIAL SOLUTIONS, 52 SOUTH STREET, PERTH, ON, K7H 2G7							
444777	12/31/21	HYDRO INCIDENTS ON CGIS	12/31/21	\$96.67	\$96.67	10-70-68010	PLANNING &	\$15,000.00	(\$823.79)
<b>Total PLANNING &amp; DEVELOPMENT</b>									
<b>TROUT CREEK COMMUNITY CENTRE</b>									
8890		NORTH BAY MAT RENTAL, BOX 462, NORTH BAY, ON, P1B 8J1							
149620	12/31/21	MAT RENTALS	12/31/21	\$14.16	\$14.16	10-75-61820	MAINTENANCE	\$20,000.00	\$7,175.53
<b>Total TROUT CREEK COMMUNITY CENTRE</b>									
<b>SPORTSPLEX</b>									
8890		NORTH BAY MAT RENTAL, BOX 462, NORTH BAY, ON, P1B 8J1							
149601	12/31/21	MAT RENTAL	12/31/21	\$92.08	\$92.08	10-80-61970	MAT RENTALS	\$500.00	\$330.70
<b>Total SPORTSPLEX</b>									

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

InvoiceNumber	Vendor	Date	Description	Due Date	Invoice Amt	Approved Amt	Account Number	Account Description	Budgeted \$	YTD Balance
10005	BEREAVEMENT AUTHORITY OF ONTARIO,...	12/30/21	2021 REPORT	12/30/21	\$267.00	\$267.00	10-85-65130	CEMETERY-	\$5,000.00	\$4,642.44
<b>CEMETERIES</b>										
<b>Total CEMETERIES</b>						\$267.00				

**Total Bills To Pay: \$160,682.43**

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

InvoiceNumber	Vendor	Date	Description	Due Date	Invoice Amt	Approved Amt	Account Number	Account Description	Budgeted \$	YTD Balance
<b>GENERAL GOVERNMENT</b>										
8848	MINISTER OF FINANCE - EHT, P.O. BOX 620 (EHT), OSHAWA, ON, L1H 8E9	01/11/22	Payroll from 12/25/21 to 1/07/22	01/11/22	\$1,426.35	\$1,426.35	10-10-33320	AP EHT	\$0.00	\$532.00
PR1097		01/25/22	Payroll from 1/08/22 to 1/21/22	01/25/22	\$1,292.59	\$1,292.59	10-10-33320	AP EHT	\$0.00	\$532.00
8903	OMERS, EY TOWER, 900-100 ADELAIDE ST W, TORONTO, ON, M5H 0E2	01/11/22	Payroll from 1/08/22 to 1/21/22	01/11/22	\$10,707.66	\$10,707.66	10-10-33310	AP OMERS	\$0.00	(\$18,291.26)
PR1097		01/25/22	Payroll from 1/08/22 to 1/21/22	01/25/22	\$10,700.38	\$10,700.38	10-10-33310	AP OMERS	\$0.00	(\$18,291.26)
9040	WORKPLACE SAFETY & INSURANCE BOARD, P.O. BOX 4115, STATION A, TORONTO, ON, M5W 2V3	01/11/22	Payroll from 12/25/21 to 1/07/22	01/11/22	\$2,385.53	\$2,385.53	10-10-33330	AP WSIB	\$0.00	(\$1,846.41)
PR1097		01/25/22	Payroll from 1/08/22 to 1/21/22	01/25/22	\$2,157.12	\$2,157.12	10-10-33330	AP WSIB	\$0.00	(\$1,846.41)
9080	RECEIVER GENERAL - PAYROLL DEDUCTIONS, . . . .	01/11/22	Payroll from 12/25/21 to 1/07/22	01/11/22	\$8,572.79	\$8,572.79	10-10-33200	AP FIT	\$0.00	(\$12,043.91)
PR1097		01/25/22	Payroll from 1/08/22 to 1/21/22	01/25/22	\$7,808.34	\$7,808.34	10-10-33200	AP FIT	\$0.00	(\$12,043.91)
PR1097		01/11/22	Payroll from 12/25/21 to 1/07/22	01/11/22	\$3,799.71	\$3,799.71	10-10-33210	AP PIT	\$0.00	(\$5,543.35)
PR1098		01/25/22	Payroll from 1/08/22 to 1/21/22	01/25/22	\$3,402.53	\$3,402.53	10-10-33210	AP PIT	\$0.00	(\$5,543.35)
PR1097		01/11/22	Payroll from 12/25/21 to 1/07/22	01/11/22	\$2,705.22	\$2,705.22	10-10-33220	AP EI	\$0.00	(\$2,849.18)
PR1098		01/25/22	Payroll from 1/08/22 to 1/21/22	01/25/22	\$2,440.47	\$2,440.47	10-10-33220	AP EI	\$0.00	(\$2,849.18)
PR1097		01/11/22	Payroll from 12/25/21 to 1/07/22	01/11/22	\$7,389.50	\$7,389.50	10-10-33230	AP CPP	\$0.00	(\$6,852.08)
PR1098		01/25/22	Payroll from 1/08/22 to 1/21/22	01/25/22	\$6,800.42	\$6,800.42	10-10-33230	AP CPP	\$0.00	(\$6,852.08)
<b>Total GENERAL GOVERNMENT</b>										
					<b>\$42,918.98</b>	<b>\$71,588.61</b>				

InvoiceNumber	Vendor	Date	Description	Due Date	Invoice Amt	Approved Amt	Account Number	Account Description	Budgeted \$	YTD Balance
<b>FIRE DEPARTMENT</b>										
9040	WORKPLACE SAFETY & INSURANCE BOARD, P.O. BOX 4115, STATION A, TORONTO, ON, M5W 2V3	01/25/22	Jan 2022 FIRE DEPT01/25/22 WSIB FIRE DEPT	01/25/22	\$927.15	\$927.15	10-15-62020	FIRE DEPT.-OPERATIONS	\$0.00	(\$559.32)
<b>Total FIRE DEPARTMENT</b>										
					<b>\$927.15</b>	<b>\$927.15</b>				

**Total Bills To Pay: \$72,515.76**

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

Vendor  
**GENERAL GOVERNMENT**

Invoice Number	Date	Description	Due Date	Invoice Amt	Approved Amt	Account Number	Account Description	Budgeted \$	YTD Balance
8972	RUSSELL, CHRISTIE, LLP, 505 MEMORIAL AVENUE, BOX 158, ORILLIA		12/31/21	\$3,466.15	\$3,466.15	10-10-24500	A/R OTHER	\$0.00	(\$813,019.39)
73-104-060	LADY ISABELLE SEVERANCE AND TRANSFER		12/31/21	\$1,058.86	\$1,058.86	10-10-61560	AUDIT & LEGAL	\$20,000.00	(\$13,221.00)
73-104-062	NOAH DEVELOPMENT LEGAL ADVICE		12/31/21	\$861.85	\$861.85	10-10-61560	AUDIT & LEGAL	\$20,000.00	(\$13,221.00)
73-104-068	CHURCH OF GOD LEGAL		12/31/21	\$225.80	\$225.80	10-10-61560	AUDIT & LEGAL	\$20,000.00	(\$13,221.00)
8975	SCOTIABANK VISA, 204 MAIN STREET, NORTH BAY, ON, P1B 2T7		12/31/21	\$105.00	\$105.00	10-10-61660	BANK CHARGES &	\$15,000.00	(\$6,881.88)
JAN2022PM	VISA ANNUAL FEE		12/31/21	\$247.27	\$247.27	10-10-61680	CAPITAL-BUILDING	\$16,000.00	(\$1,507.24)
JAN2022BR	STAPLES - OFFICE CHAIR - BR		12/31/21	\$247.27	\$247.27				
9720	TERRY LANG COMPUTER CONSULTING, 133 CLOVERBRAE CRES., NORTH BAY, ON, P1A 4J4		12/31/21	\$3,160.56	\$3,160.56	10-10-61570	COMPUTERS	\$70,000.00	(\$31,210.51)
2021043	ANTI VIRUS SOFTWARE		12/31/21	\$3,160.56	\$3,160.56				

**Total GENERAL GOVERNMENT**

\$12,440.51

**250 CLARK**

10495	ANGIE LEGERE, '''		12/31/21	\$75.00	\$75.00	10-12-61754	250 CLARK-PROGRAM	\$7,500.00	(\$13,478.56)
DEC GLASS	GLASS WORK SHOP		12/31/21	\$75.00	\$75.00				

**Total 250 CLARK**

\$75.00

**FIRE DEPARTMENT**

8797	INSERVUS MANAGEMENT SYSTEMS, 1971 BOND STREET, NORTH BAY, ON, P1B 4V7		11/23/21	\$345.48	\$345.48	10-15-62010	FIRE DEPT.	\$10,000.00	(\$784.86)
1172	BUNKER GEAR REPAIRS		11/23/21	\$345.48	\$345.48				
8975	SCOTIABANK VISA, 204 MAIN STREET, NORTH BAY, ON, P1B 2T7		12/31/21	\$1.46	\$1.46	10-15-62020	FIRE DEPT.-OPERATIONS	\$62,000.00	\$3,399.68
JAN2022BC	APPLE ICLOUD STORAGE BC		12/31/21	\$9.03	\$9.03	10-15-62020	FIRE DEPT.-OPERATIONS	\$62,000.00	\$3,399.68
JAN2022BC2	AMAZON MEMBERSHIP - BC		12/31/21	\$25.59	\$25.59	10-15-62020	FIRE DEPT.-OPERATIONS	\$62,000.00	\$3,399.68
JAN2022BC3	CANADA POST - PARCEL		12/31/21	\$35.00	\$35.00	10-15-62030	FIRE DEPT.-TRUCKS	\$21,000.00	\$12,161.26
JAN2022ML2	MTO - FIRE TRUCK LICENSE		12/31/21	\$35.00	\$35.00				

**Total FIRE DEPARTMENT**

\$416.56

**PUBLIC WORKS**

8975	SCOTIABANK VISA, 204 MAIN STREET, NORTH BAY, ON, P1B 2T7		12/31/21	\$1,526.94	\$1,526.94	10-20-63520	2014 FREIGHTLINER	\$22,000.00	(\$2,857.36)
JAN2022ML	MTO LICENSE		12/31/21	\$120.00	\$120.00	10-20-63540	2014 GMC-	\$7,500.00	(\$846.55)
JAN2022ST	MTO LICENSE		12/31/21	\$1,526.94	\$1,526.94	10-20-63560	2013 FREIGHTLINER	\$26,000.00	\$7,508.50
JAN2022ML	MTO LICENSE		12/31/21	\$120.00	\$120.00	10-20-63580	2019 CHEVY	\$5,000.00	(\$1,621.60)
JAN2022ST	MTO LICENSE		12/31/21	\$120.00	\$120.00	10-20-63600	2015 GMC-	\$5,000.00	(\$4,228.05)
JAN2022ST	MTO LICENSE		12/31/21	\$1,526.94	\$1,526.94	10-20-63780	2014 FREIGHTLINER-	\$28,000.00	\$16,623.32
JAN2022ML	MTO LICENSE		12/31/21	\$1,526.94	\$1,526.94				

\$4,940.82

Municipality of Powassan  
A/P Preliminary Cheque Run

InvoiceNumber Date Description Due Date Invoice Amt Approved Amt Account Number Account Description Budgeted \$ YTD Balance

**Total PUBLIC WORKS**

\$4,940.82

**ENVIRONMENT**

8751	EVAN HUGHES EXCAVATING, 118 HIGHWAY 534, POWASSAN , ON, P0H 1Z0	12/31/21	\$610.56	\$610.56	10-25-64920	LANDFILL SITE	\$31,200.00	\$3,706.08
6540	12/31/21 GARBAGE COMPACTING	12/31/21	\$4,518.14	\$4,518.14	10-25-64920	LANDFILL SITE	\$31,200.00	\$3,706.08
6541	12/31/21 LANDFILL EXCAVATOR RENTAL	12/31/21	\$4,518.14	\$4,518.14	10-25-64920	LANDFILL SITE	\$31,200.00	\$3,706.08
8975	SCOTIABANK VISA, 204 MAIN STREET, NORTH BAY , ON, P1B 2T7	12/31/21	\$1,526.93	\$1,526.93	10-25-64830	GARBAGE VEHICLE	\$31,000.00	\$608.71
JAN2022ML	12/31/21 MTO LICENSE	12/31/21	\$1,526.93	\$1,526.93	10-25-64830	GARBAGE VEHICLE	\$31,000.00	\$608.71
9363	KNIGHT PIEESOLD CONSULTING, 1650 MAIN STREET WEST, NORTH BAY, ON, P1B 8G5	12/31/21	\$9,162.17	\$9,162.17	10-25-64965	LANDFILL SITE-	\$74,000.00	\$4,248.08
14918	12/31/21 LANDFILL SITE-MAINTENANCE RE C OF A	12/31/21	\$9,162.17	\$9,162.17	10-25-64965	LANDFILL SITE-	\$74,000.00	\$4,248.08
10538	GFL ENVIRONMENTAL INC, 1926 HIGHWAY 17 WEST, NORTH BAY, ON, P1B 8G5	12/31/21	\$9,599.78	\$9,599.78	10-25-64940	RECYCLING PROGRAM	\$105,000.00	\$4,373.32
138635	12/31/21 MONTHLY RECYCLING CONTRACT	12/31/21	\$141.25	\$141.25	10-25-64940	RECYCLING PROGRAM	\$105,000.00	\$4,373.32
138635	12/31/21 MONTHLY RECYCLING CONTRACT	12/31/21	\$141.25	\$141.25	10-25-64940	RECYCLING PROGRAM	\$105,000.00	\$4,373.32

**Total ENVIRONMENT**

\$25,558.83

**BUILDING DEPARTMENT**

8975	SCOTIABANK VISA, 204 MAIN STREET, NORTH BAY , ON, P1B 2T7	12/31/21	\$95.96	\$95.96	10-45-62715	CBO/BYLAW/PROP STD	\$2,500.00	\$220.81
JAN2022MM	12/31/21 GARLANDS - FUEL MUN VEHICLE	12/31/21	\$95.96	\$95.96	10-45-62715	CBO/BYLAW/PROP STD	\$2,500.00	\$220.81

**Total BUILDING DEPARTMENT**

\$95.96

**SPORTSPLEX**

8975	SCOTIABANK VISA, 204 MAIN STREET, NORTH BAY , ON, P1B 2T7	12/31/21	\$166.25	\$166.25	10-80-61945	EQUIPMENT- SUPPLIES	\$3,000.00	\$501.44
JAN2022KB	12/31/21 SANDPIPER ENERGY - BOILER .	12/31/21	\$166.25	\$166.25	10-80-61945	EQUIPMENT- SUPPLIES	\$3,000.00	\$501.44
JAN2022KE	12/31/21 AMAZON - COCONUT POPPING OIL	12/31/21	\$22.99	\$22.99	10-80-61982	SPORTSPLEX BAR	\$8,000.00	\$3,191.68

**Total SPORTSPLEX**

\$189.24

**Total Bills To Pay:**

\$43,716.92