



LUCAN BIDDULPH COUNCIL AGENDA

TUESDAY, APRIL 7, 2020 6:30 PM
Lucan Biddulph Township Office
270 Main Street P.O. Box 190 Lucan, ON

AGENDA

MEETING TO BE HELD ELECTRONICALLY. THE MEETING WILL BE AVAILABLE AS FOLLOWS AT 6:30 P.M. ON April 7, 2020

https://www.youtube.com/channel/UCeA4Y0M03UFY2O_nbymnWHg

1. Call to Order

2. Disclosure of Pecuniary Interest & Nature Thereof

The Municipal Conflict of Interest Act requires any member of Council declaring a pecuniary interest and the general nature thereof, where the interest of a member of Council has not been disclosed by reason of the member's absence from the meeting, to disclose the interest at the first open meeting attended by the member of Council and otherwise comply with the Act.

3. In-Camera Session

4. Petitions & Delegations

5. Adoption of Minutes

[Council Minutes - March 17 2020](#)

[Special Meeting Minutes - Mar 31 2020](#)

6. Business Arising From the Minutes

[BA Apr 7 2020pdf](#)

7. Communications Reports

- a. [Minister of Finance - Ontario's Action Plan responding to COVID-19](#)
- b. [Letter from MECP - Enhanced Measures to Ensure Continuity of Operations for Ontarios Water Systems](#)
- c. Balance of Communications:
 - i. [OEB COVID-19 Update on Electricity Bills & Time-of-use pricing](#)
 - ii. [Letter from OMAFRA - Line Fences Act](#)

- iii. [ABCA Partner Appreciation Event - Rescheduled Date](#)
- iv. [Lake Huron Primary Water Supply 2019 Compliance Report](#)
- v. [ABCA 2019 Annual Report](#)
- vi. [BRA Board Meeting Notes March 2020](#)
- vii. [Support Resolution - Mun of Chatham-Kent - Support of Legislative Changes in Bill 132](#)
- viii. [Support Resolution - Mun of Chatham-Kent - Support Ban of Single Use Disposable Wipes](#)
- ix. [Resolution - City of Sault Ste Marie - Support for Conservation Authorities](#)
- x. [Resolution - Grey County - Supporting 100% Canadian Wines Excise Exemption](#)
- xi. [AMO Watchfile Mar 19](#) [AMO Watchfile Mar 26](#) [AMO Watchfile Apr 2](#)

8. Committee Reports

- a) CEDC
- b) Bluewater Recycling
- c) Lake Huron
- d) Fire Boards
- e) ABCA
- f) UTRCA
- g) Parks & Recreation
- h) Canada Day

9. Staff Reports

- a) CAO/Clerks Office
- b) Building/By-law Enforcement
- c) Finance
 - [FIN-05-2020 - Public Sector Salary Disclosure 2019](#)
 - [FIN-06-2020 - Budget Impact Re Delay Water Sewer Increase](#)
- d) Planning
- e) Public Works
 - [PW-09-2020 - Frank Street Budget update](#)
 - [PW-10-2020 - Public Works Department Quarterly update](#)
 - Nagle Drive Report No. PW-11-2020 to be provided prior to meeting
- f) Parks & Recreation
 - [PR-04-2020 - Short Term Soccer Field Strategy \(March 17 2020\)](#)
- g) Economic Development

10. Councillor's Comments

11. Changes to Budget

12. Notice of Motions

[Motions - Apr 7 2020](#)

13. Motions and Accounts

14. By-laws

[13-2020 Road Assumption Bylaw \(Ridge Crossing Phase 1B\)](#)

[14-2020 Fees By-law](#)

[15-2020 Confirming](#)

15. Adjournment

The Corporation of the Township of Lucan Biddulph Council Minutes

Present: Mayor C. Burghardt-Jesson, Deputy Mayor D. Manders, Councillor D. Regan,

Also Present: R. Reymer-CAO/Clerk, T. Merner-Deputy Clerk, L. deBoer-Economic Development Coordinator, J. Little-Public Works Manager

Absent: Councillor P. Mastorakos and A. Westman

Call To Order

Mayor C. Burghardt-Jesson called the meeting to order at 6:02 pm.

Declaration of Pecuniary Interest & Nature Thereof

None

Announcements

Mayor C. Burghardt-Jesson opened the meeting with the following announcement:

Today, the Province of Ontario along with the County of Middlesex declared an Emergency. Following this, the Township of Lucan Biddulph called our Community Control Group together which is activated during emergencies. The Group consists of the Mayor, Deputy Mayor, Senior Staff, Fire Chiefs and representatives from EMS, County, OPP and Health Unit. At the meeting today, it was agreed that the Township would follow the Province and County and declare an emergency as well. What does this mean? The provincial law that allows municipalities to declare emergencies gives them broadly defined powers to deal with the crisis. The Emergency Management and Civil Protection Act allows municipalities that have declared emergencies to undertake actions and make orders that are needed to ensure the protection of life, civil order and property during the emergency. Please be assured that declaring an emergency does not stop the business of the municipality. Our staff will continue to work to ensure the business of the day continues. Appropriate modifications to workplace environments etc., have and will continue to be made as required.

Our staff has been taking necessary steps to protect the health of our residents in Lucan Biddulph. Residents have been kept informed daily, if not more frequently, of the current status of closures, alerts and general public information from the Province and the Middlesex-London Health Unit. We have dedicated newsletters that have been mailed out as well as social media posts. We have added a new section on the website dedicated to COVID-19 information.

Currently, the Lucan Community Centre is closed to the public and all programs and camps have been cancelled. The Township Office, while the doors are locked as a screening mechanism, is open. I am encouraging you to think about why you need to go to the Township Office. Can your question or concern be addressed through a phone call or email? We have a drop box for payments to be received and if you haven't already, we do have options for you to make payments via online banking. If you are unsure how to do that, please call the office and our staff will be able to help you with that. If after all this consideration, you still believe you need a face to face meeting, please schedule an appointment if need be. Our day to day services will continue being provided such as building permits, public works, outdoor maintenance and administrative services. The business of Lucan Biddulph will not stop.

We are continuing to work with the Middlesex-London Health Unit, County of Middlesex and our neighbouring municipalities to ensure that we are all providing the most up to date information to our residents and to determine how we can do our part in reducing the impact on our communities during this crisis that is facing not only our community, province, country but the world as a whole.

It is important to remember that this is an ever evolving situation. Today is today and decisions are made as such. We have to have faith in our Public Health Officials. Announcements made in the morning could well be out of date by the afternoon. Our Communications Officer, Lisa deBoer is doing her best to keep up to date with the constant barrage of information. Please keep this in mind as you watch social media for updates.

I want to acknowledge and thank our residents and businesses for all stepping up to look after one another even when enduring hardships of their own through a very stressful and uncertain time. While uncertain, it is not a time to panic. We have been assured our supply chain is well managed. We will have food, we have medications and we will have toilet paper. Please remember, our Foodland, our

Lucan Drug Mart, our Clarke's can only manage so many items. Reconsider hoarding and bulk buying. If you are going out of groceries and necessities, please consider reaching out to your neighbours or a senior you might know to see if you can pick up what they require.

While social distancing is the new norm—I want to encourage our residents as long as it is possible and safe to do so, please support our local businesses during this time. They are not only small business owners but employers as well. They have families that depend on our support.

I want to thank our staff for working many hours over the weekend and evenings to keep us and our community safe and informed. Residents should know that without question, our staff from our CAO to our part-time workers have adjusted and contributed in ways to ensure that business continues and the environment we are in is safe.

"The two most powerful warriors are patience and time." It would seem to me that this quote from Leo Tolstoy from War & Peace is quite fitting for the time we find ourselves in. I do not believe we will be out of this anytime soon. We must have patience; we must give this time. It is not all dire though. We can go back to the basics—play games, enjoy a walk, pick up the phone or face time with friends. You can still watch out for one another. A friend of mine reached out to me earlier this week and suggested that I think of this as another Hockeyville experience. Our community can...and will...rise to the occasion. The party will be different, but I believe we will be stronger for it. Just as long as we continue to wash our hands.

Public Meeting Under Planning Act, R.S.O. 1990, c.P.13

1/ Committee of Adjustment

Moved by D. Manders

Seconded by D. Regan

Resolved that the Council of the Township of Lucan Biddulph adjourn its regular meeting at 6:07 pm in order to sit as a Committee of Adjustment under Section 45 of the Planning Act, R.S.O. 1990, as amended, to consider the following Consent Application.

CARRIED

Mayor C. Burghardt-Jesson announced that Planner, Dan Fitzgerald has joined us by telephone to present his report.

a) B-2-3-4-2020 (1525020 Ontario Inc.)

D. Fitzgerald, County Planner gave a review of Planning Report PL-03-2020 and advised the purpose and effect of the application is as follows:

- To convey four (4) parcels of land to support the development of single detached residential dwellings on the lands.
- To rezone the lands to be conveyed to the residential second density (R2) zone to facilitate residential development in the form of single detached dwellings; and to change the zoning of the lands to be retained to a site-specific Future Residential (FR-6) Zone to recognize the frontage and area resulting from the consent application.

He noted that no agency had comments or concerns and the chief building official had no objections. He further noted that the public works manager advised that a working in road allowance permit would be required for work required to service the lots and that the permit would define the scope and deposit required by the Township.

Councillor D. Regan asked how residents were notified of the consent and zoning application. T. Merner advised that in accordance with The Planning Act, R.S.O. 1990, notices were circulated to residents within a 120 metre zone of the subject property 20 days prior to the public meeting date and a land use planning sign was erected on the subject lands.

Deputy Mayor D. Manders asked J. Little to explain the working road permit requirement. J. Little advised that this permit will ensure that the road, sidewalk and curbs are returned to its current conditions after construction and further that the applicant will be required to submit a security deposit which will be released after inspection and satisfaction of the public works manager.

Mayor C. Burghardt-Jesson advised that the applicant is available by phone should council

have any questions.

Mayor C. Burghardt-Jesson asked if any person in attendance wished to make any comments regarding the application and the following made oral submissions:

John Ward

Mr. Ward advised he lives on Margaret Street and is concerned about construction debris and damage that could be done to the roads, sidewalks and curbs and also asked what the access road will be. J. Little advised the four lots will be serviced and accessed off of Philip Street and the purpose of the working in road allowance permit and security deposit is to ensure the builder is accountable for any repairs required to our infrastructure. He added that costs incurred to repair damage will be billed to the developer as necessary.

Jim Hickson

Mr. Hickson asked when the four houses are expected to be constructed? Deputy Mayor D. Manders advised the applicant informed him the intent is to build them all at the same time or closely together. Mr. Hickson further asked if these new homes will affect the neighbourhood property taxes? R. Reymer advised MPAC controls the assessment values and it is unlikely that neighbouring properties would see much difference in their assessment.

Steve Gould

Mr. Gould asked if there is sidewalks and curbs going in and how much the security deposit will be and how long it will be held for. J. Little advised that there is existing sidewalks and curbs which are in good condition. He further advised that a deposit amount will be determined based on frontage of each lot and estimated damage to infrastructure. J. Little further noted the deposit will be retained until staff is satisfied that all infrastructure is repaired accordingly.

No further comments were received from the public.

Councillor D. Regan asked if access for construction off of Queen Street could be considered? J. Little advised that Queen Street access would be used for future development of the balance of lands, however it would not be ideal to use this access for these particular parcels due to the grassland area and weather conditions. Deputy Mayor D. Manders further noted it should be taken into consideration that the public may be using Queen Street as access and parking for the third soccer field.

2/ B-2-3-4-2020 (1525020 Ontario Inc.)

Moved by D. Manders

Seconded by D. Regan

*THAT Applications for Consent B-2/2020, B-3/2020, & B-4/2020 filed by 1525020 Ontario Inc. to sever four lots each having a frontage of approximately 14.4 metres along Philip Street and an area of approximately 509.76 square metres; from a property legally described as Lot 27, Plan 350, and Part of Lots 28-30, Part 1, Plan 33R10096 in the Township of Lucan Biddulph; **BE GRANTED** subject to the following conditions:*

- 1. That the Certificate of Consent under Section 53(42) of the Planning Act be issued within one year of the date of the notice of decision.*
- 2. That the applicant enter into a development agreement with the Township, and that the agreement be registered against the title of the subject lands, which addresses amongst other matters, building envelope locations, lot grading and drainage that ensures conformity with the adjacent subdivision, entrance locations, all to the satisfaction of the Township.*
- 3. That the lands to be conveyed be rezoned to Second Density (R2) Zone, consistent with the zoning of the adjacent residential neighbourhood, and the remnant parcel be rezoned to a Future Residential (FR-6) Zone to recognize the reduced lot area and frontage.*
- 4. That the applicant pay any outstanding property taxes for the subject lands.*
- 5. All lots are required to be serviced with all necessary permits obtained to achieve servicing.*
- 6. That the applicant pay \$4,000 cash-in-lieu of parkland dedication to the Township, being \$1,000 per lot to be severed.*

7. That the applicant initiate and assume, if required, all engineering costs associated with the preparation of revised assessment schedule(s) for any municipal drain having jurisdiction in accordance with the Drainage Act, as amended, such costs to be paid in full to the appropriate engineering firm prior to submitting a registered copy of the transfer.
8. That the applicant's solicitor submits an Acknowledgment and Direction duly signed by the applicant.
9. That the applicant's solicitor submits an undertaking, in a form satisfactory to the Secretary-Treasurer, to register an electronic transfer of title consistent with the Acknowledgment and Direction and the decision of the Committee of Adjustment.
10. That appropriate zoning be in place and the by-law amendment come into full force and effect.

CARRIED

3/ Public Meeting

Moved by D. Regan

Seconded by D. Manders

Resolved that the Committee does now rise out and move into a Public Meeting at 6:39 pm under Section 34 of the Planning Act, R.S.O. 1990, as amended, to consider the following Zoning By-law Application.

CARRIED

b) ZBA-4-2020 (1525020 Ontario Inc.)

D. Fitzgerald, County Planner advised the purpose of the application is to change the zoning of the lands to be conveyed to the Residential Second Density (R2) Zone to facilitate residential development in the form of single detached dwellings; and to change the zoning of the lands to be retained to a site-specific Future Residential (FR-6) Zone to recognize the frontage and area resulting from the consent applications.

Mayor C. Burghardt-Jesson asked if any person in attendance wished to make any further comments regarding the application and the following made oral submissions:

John Ward

Mr. Ward asked if Margaret Street will be extended to Queen Street in the future. J. Little advised that the lot lines for Queen Street and Margaret Street indicate that they will likely never connect however Elizabeth street will most likely connect to Queen Street in the future.

No further comments from the public or council were received.

4/ Adjourn Public Meeting

Moved by D. Regan

Seconded by D. Manders

Resolved that the Council of the Township of Lucan Biddulph adjourn the public meeting at 6:43 pm and reconvene its regular meeting to continue with its deliberations.

CARRIED

5/ ZBA-4-2020 (1525020 Ontario Inc.)

Moved by D. Manders

Seconded by D. Regan

THAT Application for Zoning By-law Amendment ZBA 04/2020, filed by 1525020 Ontario Inc. for a property known legally described as Lot 27, Plan 350, and Part of Lots 28-30, Part 1, Plan 33R10096 in the Township of Lucan Biddulph, in the County of Middlesex, to rezone the subject lands from Future Residential (FR) Zone to a Residential Secondary Density (R2) Zone and a site specific Future Residential (FR-6) Zone exception, as identified in the Schedule "A" to By-law No. 202-2020, BE APPROVED, as the application satisfies the requirements of the Planning Act; is consistent with the Provincial Policy Statement; conforms to the Official Plans of both the Township of Lucan Biddulph and the County of Middlesex; satisfies the requirements of the Township of Lucan Biddulph Zoning By-law; and presents sound land use planning.

CARRIED

Delegations

Mayor C. Burghardt-Jesson advised that due to COVID-19 Rod Dupuis and Jackie Mueller from OCWA will be rescheduled to a later date.

Adoption of Minutes**6/ Minutes**

Moved by D. Regan

Seconded by D. Manders

That the in-camera minutes of February 18, 2020 and regular council meeting minutes of March 3, 2020 be approved as circulated.

CARRIED

Business Arising

Mayor C. Burghardt-Jesson advised that two new items have been added to the Business Arising, all other items are ongoing and the Nagle Drive project will be discussed during staff reports to follow.

Communications Reports

R. Reymer reviewed the report provided by Lisa Courtney from BM Ross Engineers regarding the Development Charge Act Amendments and proposed Community Benefit Charge regulations. He noted the good news with this announcement is some of the soft charges which were being removed from development charges have been added back in. Other things to note were exemptions for additional dwelling units in homes that have a minimum of 2400 sq. ft. of existing space.

R. Reymer commented on the letter regarding the *Provincial Day of Action on Litter Act, 2019* received from Minister Jeff Yurek. The province is looking for support from municipalities and this letter identifies ways we can participate. Mayor C. Burghardt-Jesson advised that we have and continue to participate in a community pitch-in day which involves a number of actions identified in this letter.

Committee Reports**Lake Huron Water Supply System**

Mayor C. Burghardt-Jesson advised that a meeting took place the end of February and most items of discussion were ongoing projects. She noted the board members are looking at options for a different modeling structure of the board going forward.

Staff Reports**CAO/Clerk**

R. Reymer advised staff have been busy reacting to the recent announcements regarding COVID-19 and added Lucan Biddulph is doing the responsible thing at this point by taking action now.

Planning

R. Reymer reviewed the 2019 Lucan Biddulph Planning summary report submitted by the County planning department. The report outlined all planning applications and plans of subdivision submitted in 2019 as well as the previous 3 years.

Public Works

J. Little reviewed report no. PW-08-2020 regarding the Nagle Drive water main project and options going forward. He advised that five bids were received from the tender that was prepared by Dillon Consulting and the lowest bid submitted was much higher than the estimate arrived at in August 2019. J. Little reviewed items that could have contributed to the increase in cost including 3 additional items included in the tender that were not part of the original estimate. He noted that with the tender amount, contingency and engineering costs the final project could come in at just over \$600,000.00 and the Township has invested \$54,000.00 in expenses to date. J. Little advised a drilled well could cost the residents approximately \$18,000

– 20,000 not including pump, lines, electrical or HST. He also advised that there is the possibility of servicing 44 additional properties in that area which include residential homes, a school, church and an industrial area. J. Little advised determining what is reasonable and whether council chooses to move forward or terminate the project is the next step and then presented three options for council to consider, as follows:

- Option 1 – proceed as planned with the lowest tender bid received which would see the residents on Nagle Drive carry approximately \$300,000 in costs and the Township's costs between \$304, 896 and \$224,896. This option would have to project starting and ending this year as planned, however it requires the highest amount of costs to be carried by both the residents and Township
- Option 2 – proceed with the project but re-tender, lowering the overall tender price by \$63,000. This would involve eliminating the portion of the project that extends the water main to Airport Drive. With this option the Township would costs would be approximately between \$161, 896 - \$241,896.
- Option 3 – proceed without accepting the tender and have the township become the general contractor. This option provides for an estimated savings of anywhere between \$80,000 - \$120,000. J. Little noted that the roads department crew is on board with this option, however stressed that this would become the main focus for the road department staff for the summer of 2020 and if an emergency were to arise elsewhere in the Township such as a water main break, additional resources may be required. He further added that there would be hidden costs such as wear and tear on township equipment.

Mayor C. Burghardt-Jesson and R. Reymer emphasized how much work staff has put into this project to date and thanked Jeff Little and Julie Overholt for their efforts. Mayor C. Burghardt-Jesson then opened the floor to council for questions and comments.

Councillor D. Regan stated much of this decision is dependent on how the residents want to proceed and J. Little agreed yes, however staff needs some direction on what council is comfortable going forward with.

Mayor C. Burghardt-Jesson asked if option 3 was decided upon could eliminating some of the project as outlined in option 2, be included. R. Reymer advised yes however we are still obligated to do the extension to Airport Drive at some point as per the agreement with Mr. Lewis, the owner of the easement lands, which could become an extension to the project to be completed the following year.

R. Reymer explained that this water main is an investment for the resident's in their property. He noted the Township would be looking at a loan through Infrastructure Ontario and we could consider the possibility of a longer repayment period.

J. Little advised it is important to note the water capital reserves can support all three options presented, however there is no timeline that can be estimated on recovering the Townships costs. He also noted that future expansion options would be available with all three options.

Deputy Mayor D. Manders advised that three years ago the residents approached us with this request. Staff researched options available but was not challenged to make the project work, however now we seemed to have changed direction. He added that unfortunately it does not make sense for the Township to carry these costs when there is no guarantee if and when we would ever recover them. He reminded council and staff that the Township's hidden costs are not accounted for.

Mayor C. Burghardt-Jesson asked what the status and zoning designation is for the lots fronting onto Richmond Street and Airport Drive and if separate connections would need to be run for each property when we install the water main? R. Reymer advised these are historical lots created over 50 years ago and it would not be economical for development of a single based road, i.e. extension of Nagle Drive, nor would the MTO permit entrance for each from Richmond Street. T. Merner added that County Mapping shows the zoning designation as rural residential for the individual lots.

Mayor C. Burghardt-Jesson asked staff to explain the possibility of adding a development charge for industrial land in the area. R. Reymer advised a special area development charge could be created however he would suggest retaining BM Ross Engineers to determine appropriate development charges for future residential and industrial land specifically to this area.

R. Reymer added that when this project was initially considered a survey of the surrounding residents was completed including the London District Catholic School Board and the majority advised they are not interested in connecting to municipal water, including the school board.

D. Manders advised he is concerned with associating costs of this service to property owners who are not interested. J. Little added that the goal at this time is to bring municipal water to the residents of Nagle Drive only, nothing further at this time.

Mayor C. Burghardt-Jesson advised that she would not be in favour of supporting option no. 1, however option no. 3 would be a possibility if we can get the figure closer to the original amount council agreed to commit. She reminded members that council was previously comfortable with carrying \$100,000 of the costs and there was no timeline associated for repayment of that investment.

Councillor D. Regan agreed with Mayor C. Burghardt-Jesson and would like discussion with residents to take place as soon as possible.

Deputy Mayor D. Manders advised he would be ok with option no. 3 if costs could be brought down to the original estimate. He further stated he does not want to delay the decision and added that if we had known these costs three years ago we may not be having this discussion now as the project would most likely have been terminated. He stressed the importance of discussing the options with the residents as soon as possible as they need to move on with obtaining healthy and safe drinking water.

J. Little advised he would recommend staff putting together a report for option no. 3 that includes more details and setting up a meeting with the residents of Nagle Drive.

Parks & Recreation

R. Reymer advised that in P. Smith's absence he would answer any questions regarding report no. PR-04-2020 which outlines options for a short term soccer field strategy going forward due the loss of the 3rd field at the end of the 2020 season. He noted the short term plan would consist of reconfiguring the race track, addressing drainage issues and widening fields 1 and 2 to accommodate a 3rd large size field and this proposal would accommodate the needs of Lucan Minor Soccer for approximately 8-10 years. He further noted the estimated cost is \$150,000.00, based on the ability to access existing fill and topsoil already present within the Township. If topsoil is not available an estimate of \$75,000 could be added to the cost.

Questions were raised by council regarding the possibility of our staff assisting with the grading, clarity on the budgeted amount and if that includes costs of re-designing the race track. R. Reymer advised there is \$200,000 set aside to facilitate the project which includes re-configuring the race track. J. Little advised the initial grade could be completed by staff however the final grade requires mixing of top soil and sand and should be completed by professionals with access to the proper equipment.

At the request of an attendee, Mayor C. Burghardt-Jesson accepted comments from the gallery as follows:

Colin Haskett

Mr. Haskett advised it was his understanding that the Parks & Recreation Committee (PRAC) wanted to see formal long term plans for soccer before we start investing money. He noted he's concerned, as a committee member, that we are moving past that and further that he expected the staff report provided would have included a recommendation from PRAC or noted the discussion wherein PRAC had urged for a broader plan for the soccer fields rather than

spending \$150,000.00 for a short-term solution. He further noted his concerns with adding a 3rd soccer field in the proposed location which would potentially run alongside Queen Street. Mr. Haskett also advised he would prefer to see one recreation project finished before we start another.

R. Reymer and Councillor D. Regan advised it was their understanding that this was not a decision PRAC was wanting to make and they had recommended it be directed to council for decision. Councillor D. Regan advised he would confirm same with Paul Smith.

Mayor C. Burghardt-Jesson advised this strategy has also been discussed with members of Lucan Minor Soccer Association.

Steve Gould

Mr. Gould advised addressing the soccer fields is a time sensitive matter due to the loss of the 3rd field at the end of this season and there are over 300 kids registered in Lucan Minor Soccer. He further advised that professionals have stated that if they can get started on this plan by June/July of this year and if weather conditions are good, the field could most likely be ready for June 2021. He further noted that there is more than one recreation activity in our community and there is already money in the budget allotted for soccer.

Mayor C. Burghardt-Jesson advised it is important to realize that this is an investment and the grounds would always be used no matter how our community centre complex grows. She further commented that out of respect to PRAC it would be wise to defer this decision until clarification can be confirmed.

Councillor's Comments

Mayor C. Burghardt-Jesson thanked staff and council for their efforts regarding the COVID-19 situation. She added that she and R. Reymer had a conversation with Minister Steve Clark this afternoon regarding electronic participation at council meetings as there is currently no provision for same under the Municipal Act, 2001. She noted that Mr. Clark confirmed that this legislation would be brought forward to the province for consideration and that our next council meeting scheduled for April 7, 2020 could be look different than the usual format.

Motions

7/ Accounts Paid

Moved by D. Manders

Seconded by D. Regan

RESOLVED That the Council of the Township of Lucan Biddulph approve the accounts as paid, as follows:

February 2020 \$312,571.05

CARRIED

8/ Confirming

Moved by D. Regan

Seconded by D. Manders

That if no one cares to speak to these By-laws on their First, Second and Third Reading, that they be considered to have been read a First time and Passed, read a Second time and Passed, read a Third time and Passed, that they be numbered:

- 08-2020 Development Charges By-law*
- 202-2020 ZBA (1525020 Ontario Inc.)*
- 09-2020 Confirming By-law*

CARRIED

9/ Adjournment

Moved by D. Manders

Seconded D. Regan

Resolved that the Council meeting be adjourned at 8:28 p.m.

CARRIED

MAYOR

CLERK

The Corporation of the Township of Lucan Biddulph Special Meeting Minutes

Present: Mayor C. Burghardt-Jesson (Lucan Biddulph Council Chambers); Deputy Mayor D. Manders, Councillor A. Westman, D. Regan and P. Mastorakos (via electronic participation)

Also Present: R. Reymer-CAO and L. deBoer-Economic Development Officer (Lucan Biddulph Council Chambers); and T. Merner-Deputy Clerk, K. Langendyk-Treasurer, J. Little-Public Works Manager and T. Loyens-Deputy Treasurer (via electronic participation)

Call To Order

Mayor C. Burghardt-Jesson called the meeting to order at 10:00 a.m.

Declaration of Pecuniary Interest & Nature Thereof

None.

Mayor C. Burghardt-Jesson advised this is Lucan Biddulph's first virtual council meeting. She noted that due to COVID-19 and the provinces declaration of emergency, new legislation has been passed which allows municipalities to run meetings virtually and have those elected officials in attendance count as quorum as well as give them the ability to vote. Mayor C. Burghardt-Jesson further added that in order to permit virtual meetings and electronic participation council must pass a revised procedural bylaw.

Staff Reports

CAO/Clerk

R. Reymer reviewed report no. CAO-06-2020 and advised the purpose of this meeting is to adopt the proposed amendment to the procedure bylaw to allow the electronic participation of council members during virtual meetings. He further advised that the recent legislation passed by the Province permits electronic participation, and voting on matters, in Council, Committee and local Area Board meetings only during times of emergencies. Electronic participation, without voting, has been allowed for some time under the Municipal Act, 2001. R. Reymer advised that next Tuesday's council meeting will be held with this same format and streamed Live over Lucan Biddulph's own dedicated YouTube channel. Many thanks to the County IT Department for setting this up for us.

1/ Procedure By-Law Amendment (Allowing for Electronic Participation during Declared Emergencies)

Moved by D. Regan

Seconded by D Manders

Resolved that the Council of the Township of Lucan Biddulph accepts the CAO's recommendation as presented in report no. CAO-06-2020 dated March 31, 2020 to adopt the amended procedure by-law to allow for electronic participation during meetings.

CARRIED

2/ Amendment to Procedure By-law

Moved by A. Westman

Seconded by P. Mastorakos

That if no one cares to speak to this By-law on its First, Second and Third Reading, that it be considered to have been read a First time and Passed, read a Second time and

Passed, read a Third time and Passed, and that it be numbered:

- *11-2020 Procedural By-law*

CARRIED

Finance

K. Langendyk reviewed report no. FIN-04-2020 regarding financial relief during the COVID-19 pandemic. She advised that the Treasury department would like to proceed with issuing the water/sewer bills as normal with the due date of April 16, 2020, however is recommending that the application of penalty and interest charges be deferred for a period of 90 days as well as waiving any NSF charges until June 30, 2020. K. Langendyk further noted that Pre-Authorized Payments (PAP) would continue unless residents contact the Township office by no later than April 13th if they wish to be removed from this PAP run.

R. Reymer advised that one additional item council may want to consider is deferral of the increase to water and sewer rates as approved at the March 3rd, 2020 council meeting.

Councilor D. Regan asked if the increase to water and sewer rates would be deferred until June 30th? Mayor C. Burghardt-Jesson advised staff has not made any recommendation in that regard. Councilor A. Westman advised he would be in support of deferring the increase until June 30th and Councilor D. Regan advised he would support as well.

R. Reymer noted that by deferring the increase to the next billing cycle we would be leaving the 2019 rates for this current billing cycle. He further added that we will need to revise the fees bylaw again to revert to the 2019 fees. K. Langendyk asked for clarity in deferring the rates until the next billing cycle or deferring rates until June 30th. Mayor C. Burghardt-Jesson advised for consistency purposes, deferral to June 30th seems appropriate.

Mayor C. Burghardt-Jesson asked staff to prepare a summary of what the impact on delaying the increase in water/sewer rates will have on the budget and advise council of same at the next regular meeting.

Councillor P. Mastorakos asked if council should discuss the comments received from residents regarding the increase to water/sewer rates and Mayor C. Burghardt-Jesson advised it is important to note that the increase in rates was discussed at an open public meeting on March 3rd, 2020 as per legislative requirements. She further noted that any public comments received thereafter are most likely due to the situation COVID-19 has presented us with today.

3/ Deferral of Interest, Penalty and Late Charges

Moved by A. Westman

Seconded by D. Regan

Resolved that the council of the Township of Lucan Biddulph accepts the CAO and Treasurer's recommendation as presented in report no. FIN-04-2020 dated March 31, 2020 to defer the application of late charges for water/sewer invoices for 90 days and waive any NSF charges until June 30th, 2020;

And further that the scheduled increase in water and sewer rates, as approved at the March 3rd, 2020 regular council meeting, be deferred until June 30th, 2020.

CARRIED

Mayor C. Burghardt-Jesson made a final comment and noted in this challenging time our residents appear to be doing their best at social distancing in our community which is great to see. She further added that two years ago today was the announcement of Kraft Hockeyville 2018 and many great memories of that achievement and celebration can be viewed on social media today which is nice to see during this difficult time. Mayor C. Burghardt-Jesson reminded residents to keep supporting our local businesses and remember to keep a distance of 6 feet from others.

4/ Confirming

Moved by D. Regan

Seconded by D. Manders

That if no one cares to speak to this By-law on its First, Second and Third Reading, that it be considered to have been read a First time and Passed, read a Second time and Passed, read a Third time and Passed, and that it be numbered:

- *12-2020 Confirming By-law*

CARRIED

5/ Adjournment

Moved by D. Regan

Seconded P. Mastorakos

Resolved that the Special Council meeting be adjourned at 10:31 a.m.

CARRIED

MAYOR

CLERK

DRAFT

Business Arising – Minutes of March 17, 2020

| Discussion Item | Minutes Action | Follow-up | Date to be Completed/or Update on Status |
|------------------------|-----------------------|------------------|---|
| | | | |
| | | | |

Previous Meetings

| Discussion Item | Minutes Action | Follow-up | Date to be Completed/or Update on Status |
|---|---|---|---|
| Industrial Park Phase 2 lands | Ensure enough land retained surrounding Sewage Treatment Plant for future expansions and setback requirements | Staff to follow-up with B.M. Ross Engineers to determine setback requirements | Spring 2020 |
| Strategic Plan | Review draft Strategic Plan prepared by Sierra Planning & Management | Staff to report back to council after consulting with Sierra Planning & Management | Spring 2020 |
| Feasibility Report – Phase 2 Community Centre Project | Campaign Coaches provided report regarding feasibility study conducted | Staff to provide report with recommendation | ongoing |
| Feral Cats | Consider options for regulating cats | Staff to consult with surrounding municipalities and provide report to council with options for consideration | ongoing |
| Future Development Lands | Proceed with comprehensive review | Staff to provide updates | ongoing |
| Roads Analysis | Cost benefit analysis | Staff complete a cost benefit analysis report for council | Spring 2020 |
| Nagle Drive | Majority of Nagle Drive residents are in favour to proceed with the waterline extension. | Staff were given direction to keep moving forward and develop a report for Council. | Ongoing |

**Ministry of Finance**

Provincial-Local
Finance Division
10th Floor
777 Bay Street
Toronto ON M5G 2C8

Tel.: 416 327 0264
Fax: 416 325 7644

Ministère des Finances

Division des relations provinciales-
municipales en matière de finances
10^e étage
777 rue Bay
Toronto ON M5G 2C8

Tél.: 416 327 0264
Télééc.: 416 325 7644

March 25, 2020

Dear Municipal Treasurer / Clerk-Treasurer:

I am writing to follow up on the Minister of Finance's letter that was sent to your Head of Council today by providing you with further details on a number of property tax initiatives that were announced in *Ontario's Action Plan: Responding to COVID-19 (March 2020 Economic and Fiscal Update)*.

Deferral of Education Property Tax Remittance

The Province recognizes that many residents and businesses are facing challenges in making their scheduled property tax payments. We have been working closely with municipalities as they introduce measures to provide property tax relief, for example, by allowing taxpayers to defer property tax payments. In particular, we have been having discussions with members of the Property Assessment and Taxation Review Municipal Advisory Committee regarding potential measures.

In order to support and encourage municipal tax relief measures, the government announced that it is deferring the property tax payments that municipalities make to school boards by 90 days. This is consistent with requests that we have received from a number of municipalities and municipal organizations.

The Minister of Finance has announced the deferral of the upcoming quarterly (June 30) municipal remittance of education property taxes to school boards, as well as the deferral of the September 30 quarterly municipal remittance to school boards. Deferring these payments by 90 days each will provide municipalities the flexibility to, in turn, provide property tax deferrals to local residents and businesses.

To ensure this deferral does not have a financial impact on school boards, the Province will adjust payments to school boards to offset the deferral.

2021 Reassessment

The government will also be postponing the planned property tax reassessment for 2021, reflecting input that has been received from a number of municipal leaders. This will ensure that municipal governments are able to focus their attention on critical public health initiatives and other efforts to manage the local response to the COVID-19 outbreak. Postponing the reassessment will also provide stability for Ontario's property taxpayers and municipalities.

Postponing the reassessment means that property assessments for the 2021 taxation year will continue to be based on the same valuation date that was in effect for the 2020 taxation year. The Municipal Property Assessment Corporation (MPAC) will continue to maintain the assessment roll and ensure that it is updated to reflect changes such as new construction.

As part of our ongoing consultations with municipalities and taxpayers through the Property Assessment and Taxation Review, we will be discussing potential approaches for the next reassessment. The focus will be on maintaining stability for property owners and municipalities.

Appeal Deadlines

In addition, I want to make you aware that the government has issued a regulation under the *Emergency Measures and Civil Protection Act* which suspends the application of limitation periods and related deadlines under provincial legislation for the duration of the current emergency period. As a result, the deadlines for submitting Requests for Reconsideration (RfRs) to MPAC and appeals to the Assessment Review Board (ARB) will be extended until after the emergency declaration is lifted.

Information on the deadline extension for RfRs is posted on MPAC's website. Property owners who have questions regarding how the deadline extension may apply to the circumstances of their specific RfR or appeal should contact MPAC or the ARB.

Additional Support for Municipalities

As noted in the Minister of Finance's letter to your Head of Council, as we work with our municipal partners to help stop the spread of COVID-19, the government is providing nearly \$250 million of direct support that will assist municipalities in their efforts.

As the COVID-19 outbreak continues to evolve, we will continue to work closely in partnership with municipalities to ensure stability for Ontario's property tax system.

If you have any questions related to the property tax decisions noted above, please contact Chris Broughton, Director of the Property Tax Policy Branch at Chris.Broughton@ontario.ca or 416-455-6307.

Sincerely,

A handwritten signature in black ink, appearing to read 'AD', with a large, sweeping flourish extending to the right.

Allan Doheny
Assistant Deputy Minister

c: Greg Orencsak, Deputy Minister, Ministry of Finance
Kate Manson-Smith, Deputy Minister, Ministry of Municipal Affairs and Housing

**Ministry of the Environment,
Conservation and Parks**
Drinking Water and Environmental
Compliance Division
8th Floor
135 St. Clair Avenue West
Toronto ON M4V 1P5
Phone: (416) 314-6378
Fax: (416) 314-3986

**Ministère de l'Environnement, de la
Protection de la nature et des Parcs**
Division de la conformité en matière d'eau
potable et d'environnement
8^e étage
135, avenue St. Clair Ouest
Toronto (Ontario) M4V 1P5
Tél: (416) 314-6378
Télé: (416) 314-3986



DATE: March 24, 2020

MEMORANDUM TO: Drinking Water and Wastewater Systems Owners/Operating Authorities and Associations

FROM: Melissa Thomson
Assistant Deputy Minister
Chief Drinking Water Inspector
Drinking Water and Environmental Compliance Division
(DWECD)

SUBJECT: Enhanced Measures to Ensure Continuity of Operations for Ontario's Water Systems

The health and well-being of the people of Ontario is our government's number one priority. As the COVID-19 outbreak continues to evolve locally and globally, we have taken further action to ensure that the province's drinking water and wastewater systems continue to operate and provide clean, safe drinking water to the public.

Ontario has put in place a temporary emergency order for blanket regulatory relief for drinking water and wastewater system owners and operating authorities who may experience staffing challenges as a result of the outbreak. The order will provide flexibility to redeploy and employ qualified operators as needed to address staff shortages, reschedule operator hours and use operators whose certificates and licences may have recently expired. Our expectation is that system owners and operating authorities engage with their employees and unions (where applicable) to identify options that may work for all parties involved when scheduling adjustments and/or deployment are needed.

The emergency order also permits system owners and operators to temporarily employ certain qualified but non-certified individuals to perform operational duties, if needed. These individuals include knowledgeable technical personnel and supervisors, managers, professional engineers and operators who have retired in the past five years.

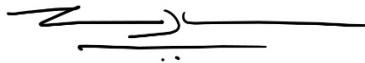
While the order is in place, systems can continue to submit statutory requests for relief to the ministry for consideration on a case-specific basis.

Ministry staff are here to support you during this difficult time. If you have any questions about these temporary measures, or any other matters, please contact your local ministry district office.

We ask that you inform the ministry's Spills Action Centre at 1-800-268-6060 or awqi.reporting@ontario.ca if you are experiencing difficulties that may lead to a break in continuity of operations so that we can assist where possible.

The ministry takes the protection of Ontario's drinking water very seriously and will continue to ensure that public health and environmental safeguards will not be compromised by any of these extraordinary measures. As drinking water and wastewater system owners and operating authorities, you play a critical role within your communities. Please take care of yourselves during this difficult time.

Visit Ontario's [website](#) to learn more about how the province continues to protect Ontarians from COVID-19.



Melissa Thomson
Chief Drinking Water Inspector
Drinking Water and Environmental Compliance Division
Ministry of the Environment, Conservation and Parks

From: Kevin Surette <Kevin.Surette@oeb.ca>

Sent: Monday, March 30, 2020 1:23 PM

To: Kevin Surette <Kevin.Surette@oeb.ca>

Subject: Information for Sharing - OEB COVID-19 Update on Electricity Bills & Time-of-use pricing

CAUTION: This email originated from outside of the Lucan Biddulph email system. Please use caution when clicking links or opening attachments unless you recognize the sender and know the content is safe.

Dear Mayors, Wardens and Reeves:

I am reaching out to you today with information that may be useful for you to share with Council and your residents. My apologies if you have received this email more than once: we have shared this information with a number of organizations, and asked that they, in turn, share it with their network.

It was recently announced that, to support Ontarians through the rapidly evolving COVID-19 situation, the Government of Ontario issued an Emergency Order under the *Emergency Management and Civil Protection Act*. Starting on March 24, 2020, residential and small business customers and farms on time-of-use (TOU) pricing under the OEB's Regulated Price Plan (RPP) pay 10.1 ¢/kWh no matter what time of day the electricity is consumed.

Given the number of residents you and your fellow council members serve, we thought some content for sharing on your social media platforms, in e-mail alerts or in eNewsletters would be helpful. We also want to make sure that as many electricity consumers as possible, particularly the more vulnerable, are getting this information. Any assistance you can provide in getting this news out there would be greatly appreciated.

Also included among the attachments are a few graphics that could be used with the article in an e-newsletter or in a social media post.

The article and graphics are also available in French: please let me know if you would like me to send them along.

If you have any questions, please let me know.

The Ontario Energy Board is supporting the Ministry of Energy, Northern Development and Mines while they identify support programs for consumers during the COVID-19 pandemic. This includes identifying the appropriate structure and delivery of the expanding eligibility of the LEAP program as announced by the Government of Ontario last week. Additional information will be provided as soon as possible.

Sincerely,

Kevin

[Kevin R. Surette](#), Advisor, Consumer Information, Public Affairs

2300 Yonge Street, 27th Floor, Toronto ON M4P 1E4 | [O 416.544.5151](tel:416.544.5151) | [C 647-282-7414](tel:647-282-7414) | OEB.ca



Ontario Energy Board COVID-19 UPDATE - Time-of-use pricing

The Government of Ontario issued an Emergency Order under the *Emergency Management and Civil Protection Act*. As a result, starting on March 24, 2020, residential and small business customers on time-of-use (TOU) pricing will pay **10.1 ¢/kWh no matter what time of day the electricity is consumed**. This means that TOU customers will be paying the off-peak price throughout the day as long as the Emergency Order remains in place. The Government has indicated that it intends to keep the 10.1 ¢/kWh pricing in place for 45 days.

The 10.1 ¢/kWh pricing applies automatically – no customer action is required. Some customers may receive a bill before their utility or unit sub-meter provider is able to implement the price change, in which case they will receive a credit on the following bill.

For more information, read the Government's news release at <https://news.ontario.ca/opo/en/2020/03/ontario-providing-electricity-relief-to-families-small-businesses-and-farms-during-covid-19.html>

Also visit <https://.oeb.ca/newsroom/2020/oeb-covid-19-update>, for the latest updates from the Ontario Energy Board on measures its taking in response to the COVID-19 pandemic.

From: noreply@salesforce.com [<mailto:noreply@salesforce.com>] **On Behalf Of** Ag Info
Sent: April 1, 2020 9:54 AM
To: Ron Reymer <rreymer@lucanbiddulph.on.ca>
Subject: Line Fences Act / Loi sur les clôtures de bornage

**Ministry of Agriculture,
Food and Rural Affairs**

**Ministère de l'Agriculture,
de l'Alimentation et
des Affaires rurales**



4th Floor
1 Stone Road West
Guelph, Ontario N1G 4Y2
Toll free: 1-877-424-1300
TTY: 1-855-696-2811
Fax: (519) 826-4332

4^e étage nord-est
1, rue Stone ouest
Guelph (Ontario) N1G 4Y2
Numéro sans frais : 1 877 424-1300
TTY: 1 855 696-2811
Télec. : 519 826-4332

This communication is in both English and French. The French-language message can be found immediately after the English-language message.

La présente communication est en anglais et en français. Le message en français se trouve immédiatement après la version anglaise.

Dear Stakeholder:

I am writing to let you know effective today, the administration of the Line Fences Act (Act) has transitioned from the Ministry of Municipal Affairs and Housing (MMAH) to the Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA).

As OMAFRA is tasked with specifically supporting agriculture and rural affairs in Ontario, it makes sense for the administration of this Act to be the responsibility of the Minister of Agriculture, Food and Rural Affairs.

OMAFRA also administers other Acts that support the sector and works with farmers and municipalities on a variety of files and has a proven track record in helping farmers and rural residents to find and build solutions to a variety of challenges they face.

We have worked closely with MMAH to ensure a seamless transition of the administration of the Act to OMAFRA. We will ensure the Act continues to be administered in an effective and efficient way. If you have any questions, please call the Agriculture Information Contact Centre: at 1-877-424-1300 or by email at: ag.info.omafra@ontario.ca.

We look forward to continuing to work with your organization on this and other matters.

Sincerely,

Carolyn Hamilton
Director, Rural Programs Branch
Economic Development Division
Ministry of Agriculture, Food and Rural Affairs



Invite Ontario home for dinner
Invitez l'Ontario à votre table

New Date

Youth:

Inspiring Change Locally and Globally

at Ausable Bayfield Conservation's Partner Appreciation Evening:

Thursday, April 23, 2020

at Ironwood Golf Club, 70969 Morrison Line, 2 km east of Exeter



Please RSVP to Sharon Pavkeje by April 17, 2020 for meal numbers.

Phone 519-235-2610

• **Toll-free** 1-888-286-2610

• **Fax** 519-235-1963

• **Email** spavkeje@abca.ca

If you have special dietary needs, please let us know in advance. Thank you.

• **5 p.m.** – Social Time

• **5:30 p.m.** – Light Supper

• **6 p.m.** – Conservationist of the Year Award • Service Awards

• **6:40 p.m.**

– Feature Presentation:

EcoExeter Youth: Away from pollution, towards solutions

Away from pollution, towards solutions!

Keeping plastics and other contaminants out of our water

Find out more at abca.ca





Lake Huron
Primary Water Supply System

2019 COMPLIANCE REPORT



CONTACT INFO:

Owner:

Lake Huron Primary Water Supply System Board of Management
c/o City of London, Regional Water Supply Division
235 North Centre Road, Suite 200, London, ON N5X 4E7
519-930-3505

Operating Authority:

Ontario Clean Water Agency
P.O. Box 1409, Grand Bend, ON N0M 1T0
519-238-8466

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PROFILE

WHO WE ARE

The Lake Huron Primary Water Supply System (LHPWSS) is owned by a Board of Management who governs the drinking water system. The Board of Management is made up of members appointed from each of the eight (8) member municipalities that are currently supplied with water from the LHPWSS. One of these member municipalities, the City of London, acts as the Administering Municipality. Accordingly, the City of London provides all associated administrative and management services on behalf of the Board. The Board of Management currently utilizes the services of an independent contracted Operating Authority.

The water system is operated and maintained by Ontario Clean Water Agency (OCWA) under contract to the Board of Management.

OPERATING AUTHORITY:



LHPWSS Board Member Municipalities

City of London (*Administering Municipality*)
 Municipality of Bluewater
 Municipality of Lambton Shores
 Township of Lucan Biddulph
 Municipality of Middlesex Centre
 Municipality of North Middlesex
 Municipality of South Huron
 Municipality of Strathroy-Caradoc

WHAT WE DO

Water Treatment & Supply

The LHPWSS is responsible for the treatment and transmission of drinking water to eight (8) municipalities in southwestern Ontario. The population served by this system is approximately 375,000. Water is provided bulk wholesale to the municipalities who then distribute it to their customers.

The Lake Huron Water Treatment Plant (WTP) has been in operation since 1967. The WTP employs pre-chlorination, screening, powder activated carbon addition (seasonally on an as-required basis), coagulation, flocculation, sedimentation, dual-media filtration, post-chlorination, and sodium hydroxide addition to treat raw water obtained from Lake Huron. After the water is treated it is pumped from the WTP to various communities or to storage reservoirs. The drinking water system is monitored at various locations throughout the system via a Supervisory Control and Data Acquisition (SCADA) system.

LHPWSS: Assets

- 1 water treatment plant
- 1 residuals management facility
- 3 water pumping stations
- 3 in-ground storage reservoirs
- 8 monitoring stations
- 151 km of watermain



Figure 1: McGillivray Booster Pumping Station



Figure 2: Pumps at the Lake Huron WTP

WHAT IS IMPORTANT

Values of the Water System

The values of the LHPWSS are the inherent beliefs or moral standards that generally reflect what the LHPWSS Board of Management stands for and believes in:

- **Sustainable** - be financially, environmentally, socially, and physically sustainable;
- **Inclusive** - provide access to bulk drinking water for current and prospective members, in accordance with Board policy;
- **Fair and equitable** - balance the interests of individual members with the best interests of all members, as well as the needs of existing members with the needs of new members;
- **Vigilant** - ensure an adequate supply of safe and reasonably priced drinking water is available to members;
- **Innovative** - be receptive to and supportive of new ideas and opportunities for improvement;
- **Cooperative** – be supportive to the needs of the Lake Huron Primary Water Supply System;
- **Open and transparent** – conduct business in a manner that enables member municipalities and the public to review and provide input into major decisions as appropriate;
- **Public Ownership** – retain ownership of the water system in public hands.

LHPWSS: AT A GLANCE

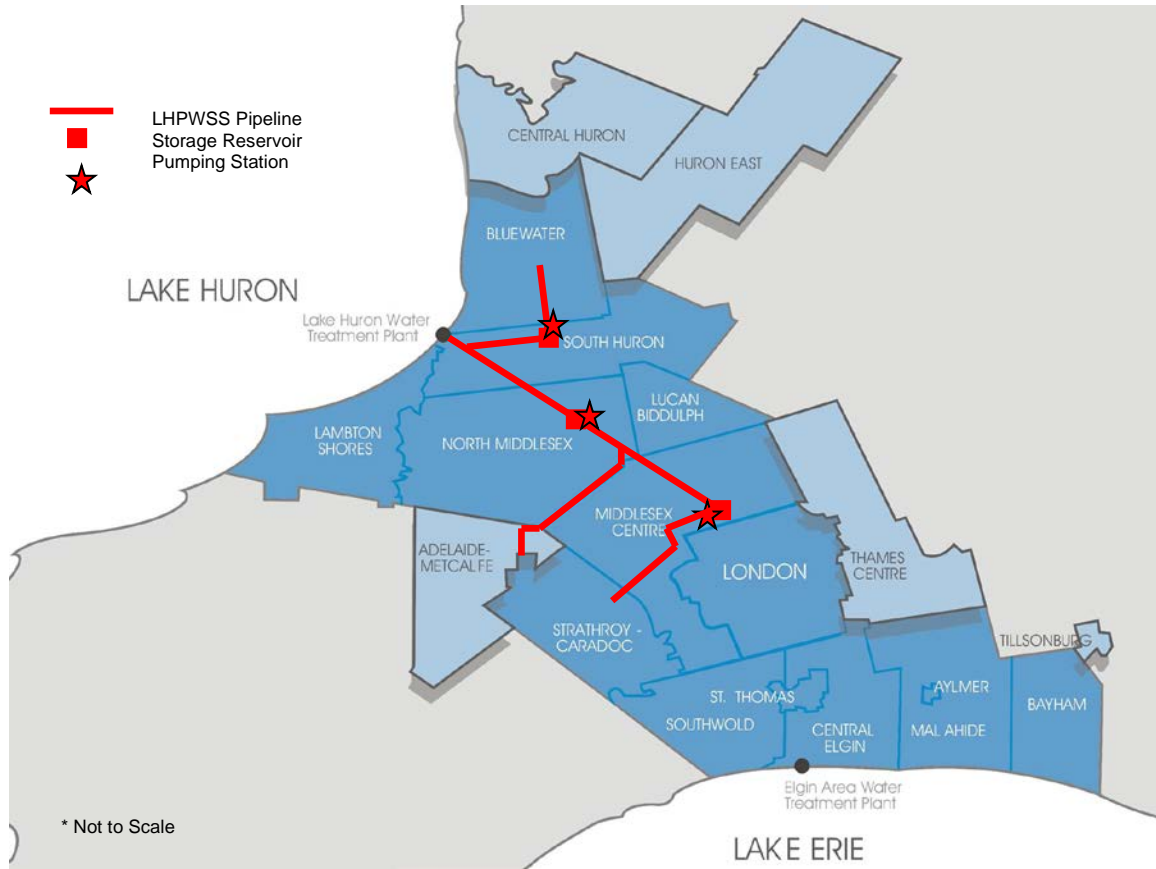


Figure 3: LHPWSS Major Infrastructure Locations

THE WATER TREATMENT PROCESS

The following figure provides a general overview of the conventional water treatment process. The processes outlined below are very similar to the treatment at the Lake Huron WTP, although they are not an exact representation. Some details may vary. Step 9 (fluoridation) does not take place at the Lake Huron WTP.

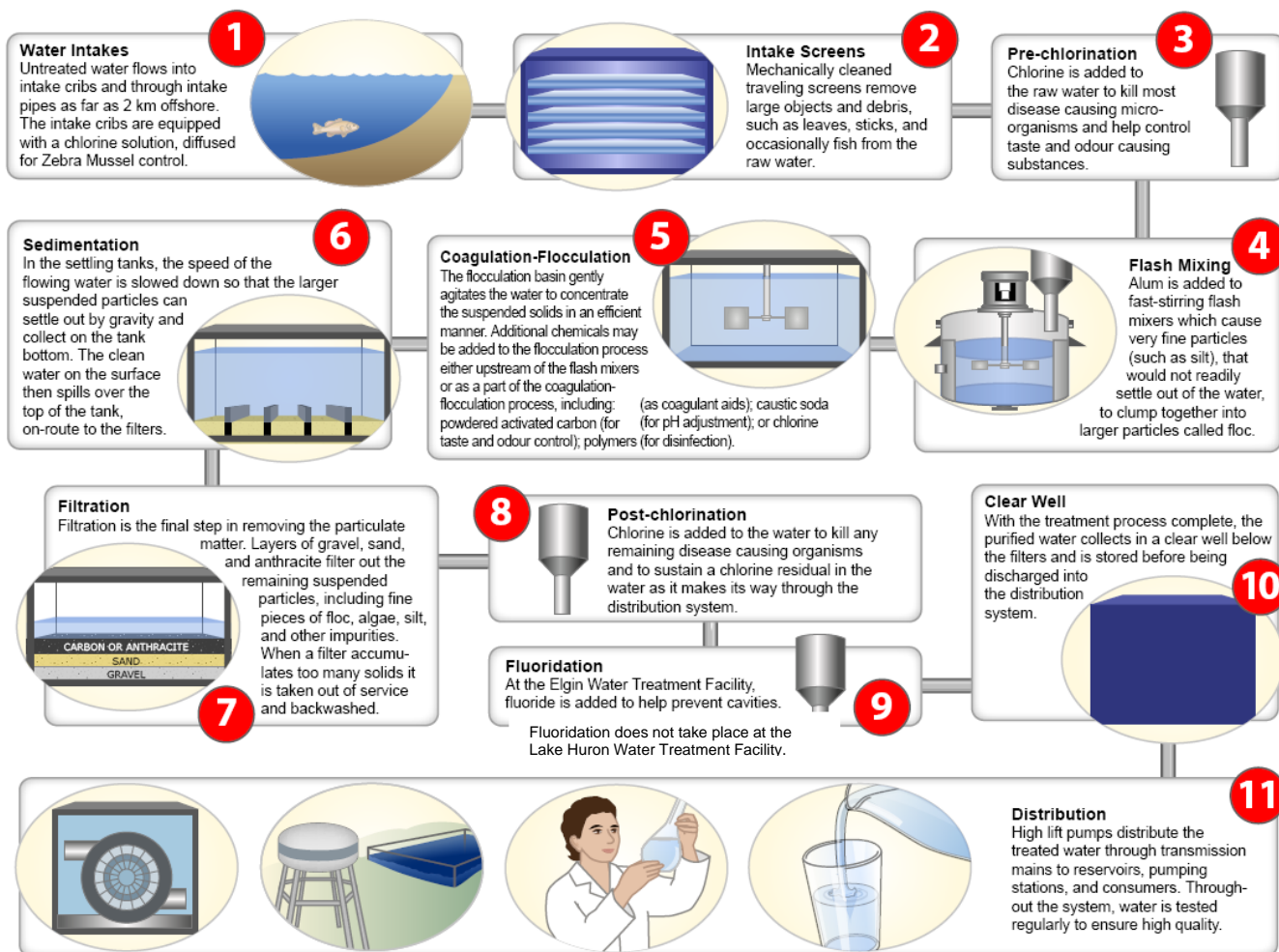


Figure 4: Overview of the Water Treatment Process

At the Lake Huron WTP, one additional treatment step takes place:

Sodium Hydroxide is added as the treated water leaves the WTP and enters the transmission system (Step 11) to raise the treated water pH, resulting in reduced corrosion potential.

2019 HIGHLIGHTS - GENERAL

PROCESS OPTIMIZATION & RESEARCH DAY

On March 29, 2019, the Lake Huron & Elgin Area Primary Water Supply Systems co-hosted a Process Optimization and Research Day. The purpose was to share information on the research programs currently being undertaken by the water systems in affiliation with the two partner Natural Science and Engineering Council (NSERC) chairs at the University of Waterloo and University of Toronto.

Although the NSERC chairs periodically hold “technology transfer days” to share information on their research projects with their contributing partners, this Research Day is unique in that it is hosted by a water system, and the water systems’ research partners presented their work on the Lake Huron and Elgin Area Water Supply Systems to associated guests. Guests included staff from the Ontario Clean Water Agency (OCWA), the Ministry of the Environment, Conservation and Parks (MECP), the local Health Units, Board staff, and staff of the benefiting municipalities supplied by the Lake Huron & Elgin Area Water Supply Systems.

Topics presented on Research Day included various investigations related to microplastics, cyanobacteria, lead corrosion control strategies, storm event monitoring, treatment studies and other research initiatives. It was an extremely valuable day of sharing project work, research and optimization for the water systems and an opportunity for attendees to network.

DRINKING WATER QUALITY MANAGEMENT SYSTEM (DWQMS) ACCREDITATION

The continued utilization and accreditation of a Quality Management System (QMS) is a regulatory requirement. The *Safe Drinking Water Act* (SDWA) and the water system’s Municipal Drinking Water Licence (MDWL) require that an accredited Operating Authority be in operational charge of the drinking water system. In order to become accredited, the Operating Authority must utilize and maintain an Operational Plan that meets the requirements of the Drinking Water Quality Management Standard (DWQMS). An external re-accreditation audit is required every three years. OCWA received full scope DWQMS re-accreditation in November 2019 and is currently accredited for another three-year period ending in 2022.

2019 CAPITAL PROJECT HIGHLIGHTS

RAW WATER FLOW METER REPLACEMENTS

Flow meters throughout the Water Treatment Plant (WTP) are necessary to control and monitor the various treatment processes. In addition to process



controls, the raw water flow meters are also required for regulatory reporting related to the water system's Permit To Take Water (PTTW). The systemic replacement of the old and failing non-revenue meters throughout the WTP ensures continued process control and regulatory compliance. In 2019, both the north and south raw water flow meters were replaced.

Figure 5: New raw water flow meter, north side.

CHEMICAL FILL PANELS

Bulk chemicals delivered to the Water Treatment Plant are supplied via tanker truck and unloaded at the loading dock. This exterior location previously did not include any alarms or indicators as to how full/empty the bulk storage tanks are, increasing the risk for overfilling the tanks and creating spills. This project involved installing new chemical delivery panels at the loading dock, which include display panels to indicate tank levels in order to eliminate the risk of spills.

HIGH LIFT PUMPS #3 AND #6 SUCTION VALVES INSTALLATION

In anticipation of the upcoming High Lift Pump (HLP) replacement project, work on the suction valves was required. HLP #3 suction valve was original to the plant. The valve was no longer maintainable, did not seat properly, and therefore would not be able to be isolated during construction/installation of the new pumps. HLP #6 is a new pump to be added, requiring the installation of a suction isolation valve in advance of the HLP construction. As the lead time was long on these valves, it was decided to have them replaced early to prevent any construction delays once the HLPs arrive on site. Installation of the new HLPs is anticipated to take place in 2021-2022.



Figures 6a and 6b: Replacement of the 36" suction isolation valve on HLP #3.

FILTER MEDIA REPLACEMENTS

The twelve (12) dual-media filters at the Lake Huron Water Treatment Plant were from the original construction in the mid-1960s. All filters were showing signs of deterioration due to age. This project undertakes the systemic replacement of the media within the filter boxes, as well as the filter rate valves and control valves, with an allowance for any repairs to the existing filter block and drains as needed. The filter media replacement project is a multi-year project. The filter media is being replaced in several filters per year, with 2019 being the fifth and final year of the replacement program. In 2019, filters #5 and #12 were rebuilt.

FILTER FLOW METER REPLACEMENTS

The filter flow meters are used to manage and control the rate of filtration on each of the twelve (12) filters. The flow meters were original to the plant, well past their useful life, and their inaccuracies were becoming increasingly problematic for the reliable operation of the Water Treatment Plant. This project involved replacement of the filter flow meters, including piping modifications, control wiring, SCADA configuration and commissioning.

UNINTERRUPTIBLE POWER SUPPLY (UPS) REPLACEMENT

The UPS system at the WTP is used to supply clean electrical power to plant instrumentation, Programmable Logic Controllers (PLCs), computers, and other critical equipment throughout the facility. It is a system that is used to mitigate risk to critical equipment and to ensure operational continuity during the time between the onset of a power outage and the time it takes for emergency generators to start and provide backup emergency power. The previously existing UPS system was no longer supported by the manufacturer and parts were difficult to obtain. In 2019, a modern UPS was installed and integrated into the plant's SCADA system to ensure that the critical plant instrumentation and computerized systems will operate seamlessly during power failures.

PIPELINE SECTION REPLACEMENT

In 2019, a leak was discovered on the 48" primary transmission pipeline, next to a chamber. An inspection and repair were subsequently undertaken on April 24, 2019. The segment of pipe that was removed showed evidence of corrosion, which caused the leak.



Figure 7a: After excavation to expose the pipeline and leaking joint, an inspection occurs.



Figure 7b: Cutting into the pipe to perform the repair.

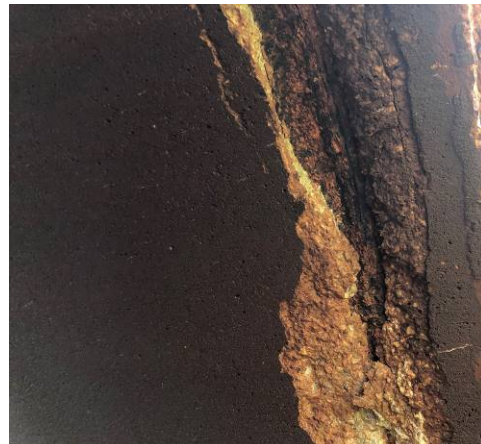


Figure 7c: Inside the old pipe, evidence of corrosion which caused the leak.

TRANSIENT PRESSURE MONITORING SYSTEM

The occurrence of pressure transients within a pressure pipeline can have adverse effects on the integrity of a pipe section as they can cause damage such as fatigue stress or even a pipe failure depending on the magnitude of the transient and current condition of the pipe. Accumulated damage of this nature can eventually decrease the structural integrity of the pipe. Therefore, it is important to understand the frequency and magnitude of pressure transients in a pipeline to ensure that operational protocols can be implemented to maintain the pressures below the specified design. An understanding of the actual pressure in a line will also permit knowledgeable decisions regarding future modifications to the line or facilities that affect the performance of the pipeline.

Four (4) transient monitors have been installed along the Lake Huron primary pipeline. If the device detects a transient it will sample and record data at a high rate. This data will be used to inform operations of transient events in the system before and after the new high lift pumps are installed in 2021/2022.



Figure 8: Pressure transient monitor installed in the primary transmission main.

2019 FLOW SUMMARY

As per the water system's current Permit To Take Water (PTTW), the amount of raw water taken into the Lake Huron WTP cannot exceed 454.98 million litres/day or 5266 litres/second.

The water taking PTTW for 2019 was # 4725-87SS3J.

As per the water system's current Municipal Drinking Water License, the rated capacity of the WTP is 340.0 million litres/day, which converts to 3935 litres/second. The maximum daily volume of treated water that flows from the treatment plant into the transmission system shall not exceed this value.

The following table contains a flow summary, with comparison to the system's rated capacity and permit limits in order to assess the capability of the system to meet existing and planned uses.

| | Total Daily Flow (ML/day) | Total Daily Flow (% of Capacity) | Daily Instantaneous Peak Flow (L/s) |
|--|---------------------------|----------------------------------|-------------------------------------|
| PTTW – permitted raw water taking amount | 454.98 | 100% | 5266 |
| Raw Water Flow – Average Day | 125.7 | 27.6% | 2427 |
| Raw Water Flow – Max. Day | 166.2 | 36.5% | 4096 |
| WTP Rated Capacity | 340.0 | 100% | 3935 |
| Treated Water Flow – Average Day | 121.2 | 35.6% | 1933 |
| Treated Water Flow – Max. Day | 161.6 | 47.5% | 2847 |

A complete flow summary for the LHPWSS can be found in Appendix A.

The majority of the volume of treated drinking water from the LHPWSS is used by the City of London. As shown in Figure 9, London takes 83.78% of the volume, with the other seven municipalities using the remaining 16.22%.

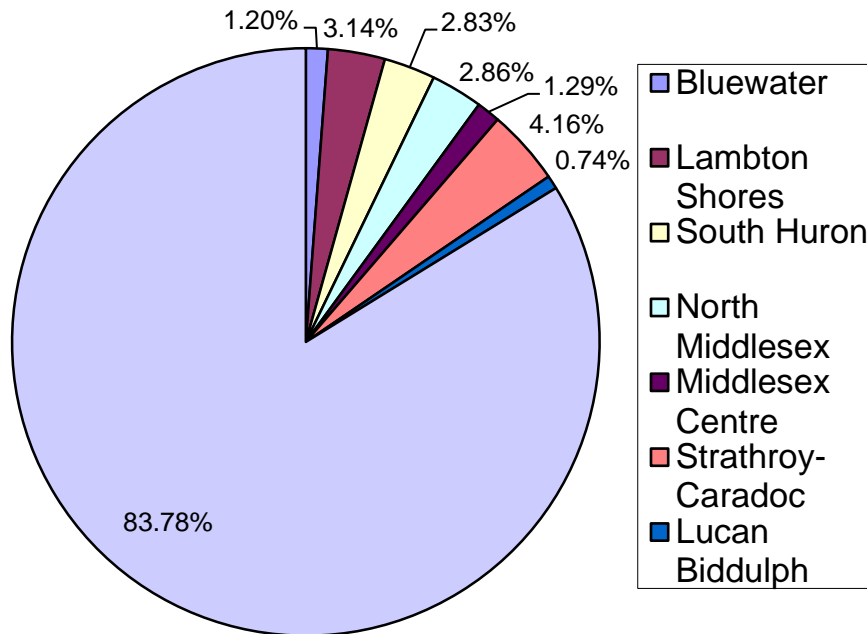


Figure 9: 2019 Treated Water Volumes per Municipality

2019 CHEMICAL CONSUMPTION

A variety of water treatment chemicals are used at the Lake Huron WTP to ensure safe, clean drinking water. The following table outlines the chemicals most frequently used for the LHPWSS. As part of the system’s registered ISO14001 Environmental Management System, objectives and targets are currently in place to optimize chemical usage.

| Chemical | Used for | Total Amount Used in 2019 |
|---------------------------|--|---------------------------|
| Aluminum sulphate | Coagulation | 842,969 kg |
| Powdered activated carbon | Taste and odour control (seasonally) | 30,478 kg |
| Chlorine gas | Mussel control | 33,853 kg |
| Chlorine gas | Primary disinfection | 59,606 kg |
| Sodium hydroxide | pH adjustment for corrosion control | 614,673 kg |
| Polymer | Filter aid (used on an as-required basis) | N/A |
| | Residuals Management Facility – dewatering aid | 6,606 kg |
| Sodium Bisulphite | Residuals Management Facility - dechlorination | 68,426 kg |

2019 WATER QUALITY SAMPLING AND MONITORING

The LHPWSS consistently provides treated drinking water with water quality above the standards required by provincial regulation. Where desirable, the LHPWSS standards are more stringent than what is required by regulation. For example, the target at the Lake Huron WTP for treated water turbidity (a measure of the cloudiness of water) is 10 times more stringent than the provincial standard. The LHPWSS is practicing continual improvement to ensure that high drinking water standards are maintained and enhanced where possible.

All water quality sampling at the LHPWSS is performed in accordance with the *Safe Drinking Water Act* and its associated regulations. All samples are collected by licensed operating authority personnel and are submitted to Canadian Association for Laboratory Accreditation (CALA)/Standards Council of Canada (SCC) accredited laboratories for both bacterial and chemical analysis.

In 2019, a total of 596 microbiological samples were collected from raw, treated and distribution system water, and were tested for E Coli, total coliforms and heterotrophic plate count (HPC). There was one incident of an adverse microbiological test result in 2019. For more information please see the Annual Report, which is attached as Appendix B.

Annual samples are collected and tested for inorganics (metals) and organics which include herbicides, pesticides and volatile organic parameters. Quarterly sampling is also conducted for trihalomethanes and haloacetic acids (disinfection by-products), nitrates and nitrites.

Seasonal samples are collected and tested for total microcystin from June through to the end of October. A total of 22 raw water samples were tested for total microcystin. There were no detectable results in the raw water.

In addition, the WTP operator samples the raw, in-process and treated water six times per day and carries out an array of physical and chemical tests for operational control.

As required by regulation, the LHPWSS also prepares an Annual Report which includes a summary of water quality test results and a maintenance report. The 2019 Annual Report can be found in Appendix B.

RESEARCH & PARTNERSHIPS

The LHPWSS acknowledges the importance of scientific research on water quality and the effects on human health. The LHPWSS has partnered with the Natural Sciences and Engineering Research Council (NSERC) Chair in Drinking Water Research at the University of Waterloo and University of Toronto to pursue research opportunities, as well as Western University, and is a member of the Water Research Foundation (WRF). In addition, the LHPWSS continues to evaluate and conduct specific research on the efficacy of the existing treatment processes, optimizing and improving treatment systems, and evaluating the potential and need of more advanced treatment alternatives.

The LHPWSS also participates in the Ministry of the Environment, Conservation and Parks (MECP) Drinking Water Surveillance Program (DWSP) and intake monitoring studies.

MINISTRY INSPECTION

ANNUAL INSPECTION

The Ontario Ministry of the Environment, Conservation and Parks (MECP) conducts an inspection of the LHPWSS annually. A MECP inspection took place on November 19, 2019. The final inspection report was issued on February 3, 2020. A total of two (2) non-compliances identified in the inspection report. The details of the non-compliances can be found in Appendix C. The final inspection rating received for the 2019-2020 reporting year was 93.25%.



Lake Huron

Primary Water Supply System

Regional Water Supply Division
235 North Centre Road
Suite 200
London, ON N5X 4E7
519-930-3505

www.huronequinwater.ca

APPENDIX A – 2019 FLOW SUMMARY

APPENDIX A – 2019 FLOW SUMMARY

1. RAW WATER INTAKE – FLOW (ML/DAY)

| MONTH DAY | January ML | February ML | March ML | April ML | May ML | June ML | July ML | August ML | September ML | October ML | November ML | December ML | |
|----------------|---------------|----------------|-------------|-------------|-----------|------------|------------|--------------|-----------------|---------------|----------------|----------------|---------|
| 1 | 116.89 | 116.41 | 106.75 | 132.24 | 115.61 | 115.12 | 148.49 | 145.35 | 128.95 | 131.17 | 114.43 | 115.96 | |
| 2 | 110.06 | 134.88 | 112.70 | 138.88 | 114.98 | 134.37 | 143.63 | 152.59 | 116.12 | 133.40 | 125.11 | 110.15 | |
| 3 | 111.03 | 127.88 | 125.43 | 106.13 | 115.43 | 116.42 | 143.12 | 151.93 | 153.55 | 126.09 | 125.19 | 121.92 | |
| 4 | 107.74 | 137.83 | 109.73 | 112.58 | 116.84 | 133.20 | 165.49 | 154.44 | 100.74 | 125.61 | 119.60 | 130 | |
| 5 | 108.94 | 114.29 | 118.75 | 126.96 | 115.08 | 117.92 | 166.17 | 148.92 | 160.90 | 121.93 | 117.35 | 113.32 | |
| 6 | 112.58 | 144.37 | 139.02 | 113.78 | 113.39 | 133.76 | 157.80 | 143.45 | 145.07 | 120.56 | 112.69 | 115.58 | |
| 7 | 116.96 | 117.73 | 106.31 | 128.17 | 132.93 | 128.69 | 130.02 | 128.70 | 144.13 | 116.03 | 124.89 | 115.65 | |
| 8 | 119.03 | 116.61 | 125.16 | 112.48 | 116.80 | 139.40 | 154.76 | 155.16 | 137.37 | 152.41 | 117.42 | 114.66 | |
| 9 | 116.08 | 117.43 | 115.23 | 133.95 | 114.46 | 143.54 | 150.88 | 135.00 | 147.44 | 133.67 | 110.71 | 114.83 | |
| 10 | 114.99 | 121.81 | 122.68 | 112.67 | 119.27 | 137.22 | 149.88 | 146.74 | 135.21 | 121.22 | 117.04 | 101.49 | |
| 11 | 116.13 | 132.59 | 120.57 | 126.67 | 113.88 | 114.46 | 151.50 | 151.03 | 125.72 | 140.44 | 115.82 | 127.82 | |
| 12 | 116.52 | 117.04 | 117.86 | 113.65 | 113.56 | 134.59 | 148.15 | 152.62 | 149.42 | 127.70 | 136.56 | 142.33 | |
| 13 | 141.32 | 138.12 | 113.63 | 112.96 | 113.59 | 115.45 | 143.28 | 147.08 | 124.14 | 118.32 | 60.63 | 106.50 | |
| 14 | 116.27 | 84.46 | 117.72 | 112.68 | 114.84 | 139.63 | 144.10 | 144.77 | 127.29 | 113.09 | 156.09 | 137.13 | |
| 15 | 112.67 | 128.92 | 112.25 | 142.92 | 111.25 | 116.49 | 147.92 | 152.92 | 136.11 | 109.16 | 129.83 | 121.40 | |
| 16 | 127.32 | 108.52 | 123.08 | 90.45 | 132.62 | 130.70 | 151.42 | 154.45 | 149.69 | 124.21 | 113.81 | 95.42 | |
| 17 | 116.19 | 109.82 | 113.23 | 125.20 | 116.51 | 116.58 | 145.72 | 149.96 | 140.23 | 101.25 | 132.62 | 140.45 | |
| 18 | 116.30 | 109.16 | 113.54 | 98.77 | 130.98 | 117.15 | 146.49 | 146.80 | 148.65 | 149.36 | 116.77 | 108.26 | |
| 19 | 116.40 | 115.15 | 132.12 | 134.17 | 115.56 | 138.33 | 156.60 | 136.80 | 134.18 | 132.68 | 132.20 | 115.47 | |
| 20 | 115.75 | 131.34 | 106.31 | 113.73 | 115.50 | 135.02 | 145.77 | 152.58 | 148.41 | 114.84 | 112.39 | 113.91 | |
| 21 | 117.53 | 99.54 | 136.26 | 112.77 | 116.89 | 131.38 | 117.93 | 113.91 | 147.43 | 126.27 | 115.77 | 113.36 | |
| 22 | 115.08 | 121.12 | 111.54 | 108.68 | 115.12 | 131.38 | 136.25 | 148.28 | 135.60 | 88.67 | 115.87 | 114.20 | |
| 23 | 134.93 | 115.70 | 113.42 | 111.68 | 125.79 | 144.29 | 143.32 | 127.21 | 135.91 | 140.19 | 114.99 | 115.84 | |
| 24 | 123.15 | 115.47 | 115.78 | 115.84 | 129.93 | 133.06 | 145.46 | 131.34 | 112.83 | 120.12 | 115.66 | 111.44 | |
| 25 | 116.21 | 114.48 | 112.50 | 115.11 | 116.32 | 132.33 | 159.32 | 139.53 | 152.92 | 130.91 | 115.60 | 104.54 | |
| 26 | 116.43 | 115.85 | 112.20 | 121.66 | 115.62 | 146.35 | 165.41 | 134.57 | 116.58 | 113.46 | 114.68 | 105.54 | |
| 27 | 116.53 | 110.62 | 128.72 | 119.32 | 133.08 | 136.30 | 163.12 | 137.11 | 133.55 | 114.68 | 135.83 | 98.86 | |
| 28 | 115.33 | 128.48 | 102.37 | 121.41 | 130.45 | 153.40 | 154.86 | 127.06 | 140.92 | 102.18 | 115.82 | 102.78 | |
| 29 | 129.66 | | 128.36 | 115.63 | 115.19 | 155.65 | 151.44 | 144.19 | 123.27 | 106.18 | 114.08 | 109.91 | |
| 30 | 97.31 | | 113.33 | 121.37 | 127.32 | 149.27 | 123.74 | 137.95 | 123.00 | 138.78 | 115.66 | 109.31 | |
| 31 | 139.57 | | 96.74 | | 131.78 | | 141.10 | 143.58 | | 129.39 | | 100.84 | |
| Total | 3650.9 | 3345.6 | 3623.3 | 3552.5 | 3710.6 | 3971.5 | 4593.1 | 4436.0 | 4075.3 | 3824.0 | 3565.1 | 3548.9 | 45896.8 |
| Minimum | 97.3 | 84.5 | 96.7 | 90.5 | 111.3 | 114.5 | 117.9 | 113.9 | 100.7 | 88.7 | 60.6 | 95.4 | 60.6 |
| Maximum | 141.3 | 144.4 | 139.0 | 142.9 | 133.1 | 155.7 | 166.2 | 155.2 | 160.9 | 152.4 | 156.1 | 142.3 | 166.2 |
| Average | 117.8 | 119.5 | 116.9 | 118.4 | 119.7 | 132.4 | 148.2 | 143.1 | 135.8 | 123.4 | 118.8 | 114.5 | 125.7 |

Note: (i) As per the water system's current Permit To Take Water (PTTW), the amount of raw water taken into the Lake Huron Water Treatment Plant cannot exceed 454.98 million litres/day.

APPENDIX A – 2019 FLOW SUMMARY

2. RAW WATER INSTANTANEOUS PEAK FLOW (L/s)

| MONTH DAY | January L/s | February L/s | March L/s | April L/s | May L/s | June L/s | July L/s | August L/s | September L/s | October L/s | November L/s | December L/s | |
|----------------|----------------|-----------------|--------------|--------------|------------|-------------|-------------|---------------|------------------|----------------|-----------------|-----------------|-------|
| 1 | 1953.7 | 1944.2 | 2205.3 | 2878.6 | 2815.3 | 1909.5 | 2884.7 | 2905.1 | 2219.0 | 2774.8 | 2180.7 | 1931.1 | |
| 2 | 1951.0 | 2871.2 | 1915.6 | 2453.4 | 1935.4 | 3254.9 | 2887.4 | 2974.3 | 1938.0 | 2887.4 | 2146.1 | 2188.3 | |
| 3 | 1946.5 | 2217.6 | 1920.8 | 1950.9 | 1915.6 | 1907.1 | 3090.5 | 2987.3 | 3027.4 | 2841.6 | 2082.6 | 2878.4 | |
| 4 | 1946.8 | 2946.3 | 2174.7 | 1892.8 | 1916.7 | 2520.8 | 3185.4 | 2942.2 | 2933.4 | 2774.2 | 1907.6 | 2847.7 | |
| 5 | 1941.6 | 2216.8 | 1925.3 | 2093.9 | 1900.1 | 1955.3 | 2968.2 | 2659.1 | 3068.2 | 2831.5 | 1937.0 | 1918.9 | |
| 6 | 1957.3 | 3032.8 | 2311.1 | 2040.4 | 1946.4 | 3004.9 | 2967.7 | 2910.1 | 2922.5 | 2731.8 | 1880.2 | 1918.3 | |
| 7 | 1939.0 | 1944.2 | 2872.2 | 2064.6 | 2703.4 | 2851.6 | 3773.1 | 3033.4 | 2948.0 | 2840.7 | 1910.2 | 1859.3 | |
| 8 | 1934.6 | 1945.9 | 2922.7 | 2031.7 | 1920.0 | 2851.6 | 3200.0 | 2908.6 | 2992.0 | 2811.2 | 1891.4 | 1899.4 | |
| 9 | 1940.7 | 1953.8 | 1829.7 | 2176.5 | 1885.8 | 2888.5 | 2947.0 | 3091.6 | 2812.3 | 2740.5 | 1921.3 | 1897.9 | |
| 10 | 1946.8 | 2168.8 | 1899.1 | 1927.9 | 2452.0 | 2876.2 | 2862.0 | 3114.2 | 2198.0 | 2821.1 | 1909.7 | 2873.6 | |
| 11 | 113.1 | 2906.1 | 3166.7 | 2826.2 | 1861.8 | 1960.1 | 3083.1 | 2898.6 | 2202.3 | 2773.0 | 1907.3 | 2155.8 | |
| 12 | 1945.8 | 2543.5 | 1927.5 | 1952.8 | 1929.7 | 3298.1 | 2871.4 | 2982.6 | 2946.1 | 2908.3 | 2872.1 | 2293.3 | |
| 13 | 2830.1 | 2305.8 | 1862.3 | 1873.5 | 1891.2 | 1851.4 | 2965.2 | 2923.1 | 2175.9 | 2140.0 | 2767.4 | 1991.7 | |
| 14 | 1942.4 | 2190.5 | 2177.3 | 1916.1 | 1947.7 | 3153.6 | 3125.7 | 2805.4 | 2488.4 | 1945.1 | 2881.3 | 2388.9 | |
| 15 | 1988.8 | 2214.1 | 2019.7 | 3033.8 | 2210.0 | 1912.2 | 2931.3 | 2903.7 | 2925.1 | 2208.6 | 2865.0 | 2115.0 | |
| 16 | 2129.6 | 1926.6 | 2067.9 | 2840.9 | 2938.5 | 2199.5 | 2764.0 | 2958.4 | 2811.6 | 2538.0 | 1890.0 | 2719.7 | |
| 17 | 2008.8 | 1924.1 | 1860.8 | 2091.7 | 1920.2 | 1945.5 | 2999.9 | 2888.1 | 2960.5 | 3297.9 | 2871.4 | 2940.4 | |
| 18 | 2004.5 | 1927.5 | 1865.6 | 2058.8 | 2194.8 | 2832.6 | 2963.5 | 2906.1 | 2937.6 | 2830.0 | 2797.6 | 2118.4 | |
| 19 | 2055.9 | 1932.9 | 2678.9 | 2936.0 | 1919.3 | 2832.6 | 2882.8 | 2627.0 | 2956.6 | 2180.7 | 2659.0 | 1915.6 | |
| 20 | 1992.1 | 2533.9 | 4096.4 | 1892.6 | 1936.9 | 2216.4 | 2928.5 | 2998.4 | 3099.5 | 1861.6 | 2235.3 | 1931.5 | |
| 21 | 2007.2 | 2943.1 | 3015.5 | 1868.1 | 1870.3 | 2915.7 | 1926.4 | 2908.3 | 2445.4 | 2902.1 | 1915.3 | 1923.8 | |
| 22 | 1997.3 | 4045.9 | 1925.3 | 1928.7 | 1907.3 | 1931.5 | 2898.3 | 2949.0 | 2316.7 | 1903.5 | 1976.3 | 1912.5 | |
| 23 | 2175.7 | 1916.7 | 1884.4 | 2930.3 | 2828.6 | 2952.3 | 3250.6 | 2759.7 | 2726.9 | 2905.8 | 1882.8 | 1908.9 | |
| 24 | 2952.4 | 2161.2 | 2172.8 | 2089.5 | 2806.1 | 2243.5 | 2842.9 | 3130.2 | 2876.6 | 2171.3 | 1891.8 | 1915.7 | |
| 25 | 1947.6 | 1956.9 | 2944.1 | 2738.1 | 1922.5 | 2888.1 | 2819.9 | 2769.1 | 2874.3 | 2222.2 | 1890.0 | 1926.9 | |
| 26 | 1950.2 | 1993.8 | 1864.8 | 2576.2 | 1923.6 | 2957.2 | 2931.4 | 2868.3 | 2139.7 | 1843.9 | 2042.4 | 1923.8 | |
| 27 | 1946.8 | 1999.1 | 2288.7 | 1923.1 | 2940.4 | 3008.9 | 2957.8 | 2925.3 | 2888.1 | 1872.5 | 2181.9 | 2012.4 | |
| 28 | 1930.2 | 2802.0 | 3996.4 | 1939.9 | 2192.0 | 2956.7 | 2994.2 | 3394.6 | 2854.2 | 1881.5 | 2099.2 | 2019.1 | |
| 29 | 2301.5 | | 2794.9 | 2152.7 | 1925.3 | 2908.0 | 2836.6 | 3098.0 | 2848.7 | 1879.6 | 1905.1 | 1954.6 | |
| 30 | 1997.5 | | 1867.2 | 3112.2 | 2265.0 | 3304.1 | 2766.2 | 2934.1 | 2223.3 | 2096.1 | 1895.5 | 1969.8 | |
| 31 | 2961.9 | | 1884.6 | | 2158.4 | | 2889.9 | 2946.4 | | 3076.6 | | 1980.7 | |
| Minimum | 113 | 1,917 | 1,830 | 1,868 | 1,862 | 1,851 | 1,926 | 2,627 | 1,938 | 1,844 | 1,880 | 1,859 | 113 |
| Maximum | 2,962 | 4,046 | 4,096 | 3,112 | 2,940 | 3,304 | 3,773 | 3,395 | 3,100 | 3,298 | 2,881 | 2,940 | 4,096 |
| Average | 2,021 | 2,338 | 2,334 | 2,273 | 2,157 | 2,610 | 2,948 | 2,939 | 2,692 | 2,500 | 2,173 | 2,136 | 2,427 |

Note: (i) As per the water system's current Permit To Take Water (PTTW), the amount of raw water taken into the Lake Huron Water Treatment Plant cannot exceed 454.98 million litres/day. This converts to 5266 litres/second.

APPENDIX A – 2019 FLOW SUMMARY

3. TREATED WATER FLOW (ML/DAY)

| MONTH DAY | January ML | February ML | March ML | April ML | May ML | June ML | July ML | August ML | September ML | October ML | November ML | December ML | |
|----------------|---------------|----------------|-------------|-------------|-----------|------------|------------|--------------|-----------------|---------------|----------------|----------------|---------|
| 1 | 111.39 | 110.75 | 103.58 | 128.87 | 109.81 | 110.67 | 144.48 | 137.57 | 122.67 | 127.13 | 110.70 | 111.97 | |
| 2 | 104.56 | 129.17 | 108.99 | 136.46 | 108.83 | 131.67 | 139.34 | 149.05 | 110.32 | 130.78 | 121.69 | 107.33 | |
| 3 | 106.47 | 122.17 | 121.60 | 103.29 | 112.01 | 112.14 | 138.85 | 147.87 | 147.41 | 122.30 | 121.04 | 118.07 | |
| 4 | 101.93 | 133.48 | 104.70 | 108.58 | 112.09 | 127.55 | 155.24 | 150.07 | 94.74 | 121.81 | 116.19 | 127.31 | |
| 5 | 103.54 | 108.65 | 109.58 | 124.16 | 112.16 | 112.15 | 161.59 | 143.54 | 155.52 | 119.29 | 110.41 | 110.58 | |
| 6 | 108.20 | 139.02 | 135.52 | 109.90 | 111.46 | 130.86 | 153.41 | 137.44 | 140.18 | 116.66 | 105.61 | 112.16 | |
| 7 | 111.13 | 111.96 | 95.83 | 125.25 | 126.03 | 123.00 | 125.05 | 119.61 | 136.74 | 113.20 | 118.26 | 111.96 | |
| 8 | 111.23 | 112.02 | 121.31 | 109.58 | 110.42 | 135.68 | 149.56 | 150.26 | 130.10 | 149.97 | 106.86 | 111.9 | |
| 9 | 110.40 | 112.01 | 111.53 | 130.11 | 110.50 | 139.89 | 147.01 | 130.04 | 137.95 | 129.99 | 105.22 | 111.05 | |
| 10 | 109.19 | 116.09 | 118.58 | 110.01 | 114.48 | 133.53 | 145.89 | 140.95 | 130.67 | 115.14 | 112.31 | 98.06 | |
| 11 | 110.33 | 127.17 | 116.23 | 124.09 | 110.74 | 110.40 | 147.39 | 145.69 | 120.05 | 138.10 | 112.07 | 123.05 | |
| 12 | 110.83 | 112.35 | 115.01 | 109.81 | 110.56 | 130.42 | 144.28 | 147.71 | 143.30 | 123.93 | 133.53 | 138 | |
| 13 | 135.98 | 132.52 | 109.64 | 110.14 | 110.36 | 111.01 | 137.99 | 141.91 | 117.31 | 115.60 | 57.35 | 103.12 | |
| 14 | 110.85 | 77.96 | 109.87 | 110.01 | 110.73 | 135.67 | 139.46 | 140.11 | 121.99 | 109.15 | 152.59 | 134.23 | |
| 15 | 106.71 | 126.26 | 109.69 | 139.42 | 106.17 | 112.24 | 143.63 | 148.59 | 132.28 | 104.93 | 126.20 | 117.79 | |
| 16 | 121.92 | 104.51 | 120.44 | 85.44 | 129.66 | 126.68 | 147.06 | 149.96 | 142.82 | 120.09 | 111.04 | 92.07 | |
| 17 | 110.82 | 105.91 | 109.37 | 122.48 | 112.31 | 112.35 | 140.94 | 145.01 | 134.87 | 93.63 | 128.81 | 137.08 | |
| 18 | 110.68 | 106.06 | 109.65 | 95.26 | 126.86 | 112.72 | 141.66 | 141.45 | 142.18 | 146.75 | 113.09 | 104.52 | |
| 19 | 110.69 | 111.06 | 129.04 | 130.56 | 112.58 | 134.11 | 151.80 | 130.63 | 125.79 | 129.72 | 128.35 | 111.93 | |
| 20 | 110.23 | 127.79 | 95.83 | 109.92 | 112.46 | 130.71 | 139.19 | 146.24 | 143.68 | 110.89 | 109.25 | 110.02 | |
| 21 | 110.65 | 83.79 | 132.62 | 109.85 | 111.64 | 127.23 | 112.32 | 108.02 | 141.63 | 123.02 | 111.78 | 111.83 | |
| 22 | 109.78 | 115.74 | 109.82 | 105.75 | 112.08 | 112.48 | 130.35 | 142.41 | 130.73 | 83.41 | 111.91 | 111.79 | |
| 23 | 128.67 | 112.06 | 109.75 | 107.63 | 122.71 | 140.27 | 136.47 | 120.78 | 129.78 | 136.50 | 112.10 | 111.97 | |
| 24 | 116.43 | 112.02 | 111.99 | 112.23 | 124.94 | 128.87 | 142.12 | 129.01 | 108.71 | 117.21 | 111.89 | 107.98 | |
| 25 | 110.58 | 112.01 | 106.71 | 111.23 | 112.19 | 126.63 | 154.83 | 134.41 | 150.07 | 128.57 | 111.66 | 101.22 | |
| 26 | 110.74 | 111.84 | 109.65 | 117.68 | 112.35 | 142.26 | 160.69 | 129.64 | 109.58 | 110.69 | 111.73 | 101.23 | |
| 27 | 110.77 | 103.82 | 125.29 | 116.44 | 129.17 | 131.17 | 158.28 | 134.42 | 129.97 | 113.17 | 132.39 | 95.17 | |
| 28 | 110.66 | 123.55 | 97.94 | 118.60 | 126.49 | 148.29 | 148.77 | 120.56 | 136.54 | 99.14 | 111.87 | 99.39 | |
| 29 | 124.71 | | 126.25 | 110.39 | 111.98 | 151.15 | 144.34 | 139.71 | 119.30 | 100.61 | 111.55 | 105.55 | |
| 30 | 90.07 | | 109.85 | 115.59 | 123.22 | 145.27 | 118.72 | 132.42 | 119.96 | 121.26 | 112.12 | 105.55 | |
| 31 | 135.24 | | 91.47 | | 127.53 | | 135.64 | 137.82 | | 126.80 | | 97.97 | |
| Total | 3475.4 | 3201.7 | 3487.3 | 3448.7 | 3584.5 | 3827.1 | 4436.4 | 4272.9 | 3906.8 | 3699.4 | 3439.6 | 3441.9 | 44221.7 |
| Minimum | 90.1 | 78.0 | 91.5 | 85.4 | 106.2 | 110.4 | 112.3 | 108.0 | 94.7 | 83.4 | 57.4 | 92.1 | 57.4 |
| Maximum | 136.0 | 139.0 | 135.5 | 139.4 | 129.7 | 151.2 | 161.6 | 150.3 | 155.5 | 150.0 | 152.6 | 138.0 | 161.6 |
| Average | 112.1 | 114.3 | 112.5 | 115.0 | 115.6 | 127.6 | 143.1 | 137.8 | 130.2 | 119.3 | 114.7 | 111.0 | 121.2 |

Note: (i) As per the water system's current Municipal Drinking Water Licence, the rated capacity of the Water Treatment Plant is 340.0 million litres/day. The maximum daily volume of treated water that flows from the treatment plant into the distribution system shall not exceed this value.

APPENDIX A – 2019 FLOW SUMMARY

4. TREATED WATER INSTANTANEOUS PEAK FLOW (L/s)

| MONTH DAY | January L/s | February L/s | March L/s | April L/s | May L/s | June L/s | July L/s | August L/s | September L/s | October L/s | November L/s | December L/s | |
|----------------|----------------|-----------------|--------------|--------------|------------|-------------|-------------|---------------|------------------|----------------|-----------------|-----------------|---------|
| 1 | 1330.6 | 1312.5 | 1230.1 | 2058.0 | 2072.6 | 1319.2 | 2709.6 | 2317.7 | 2219.4 | 2151.7 | 2117.7 | 1335.2 | |
| 2 | 1330.6 | 2387.8 | 1319.2 | 2045.5 | 1323.8 | 2176.5 | 2705.1 | 2462.3 | 1331.7 | 2209.3 | 2151.7 | 2150.0 | |
| 3 | 1321.5 | 2094.2 | 1837.8 | 1308.1 | 1325.0 | 1355.4 | 2679.2 | 2726.6 | 2211.6 | 2146.1 | 2062.5 | 2156.1 | |
| 4 | 1308.1 | 2089.5 | 1303.5 | 1335.6 | 1327.2 | 2167.5 | 2715.3 | 2697.2 | 2660.0 | 2155.1 | 1927.1 | 2322.3 | |
| 5 | 1321.5 | 2212.7 | 1306.9 | 2049.0 | 1335.2 | 1330.6 | 2847.2 | 2675.8 | 2667.8 | 2169.8 | 1636.8 | 1345.3 | |
| 6 | 1329.4 | 2391.2 | 2098.6 | 1310.2 | 2148.5 | 2228.5 | 2730.0 | 2714.1 | 2704.5 | 2225.1 | 1260.6 | 1334.0 | |
| 7 | 1316.0 | 1322.7 | 2014.0 | 2037.7 | 2174.3 | 1536.3 | 2177.7 | 2660.0 | 2661.0 | 2193.5 | 1612.2 | 1338.4 | |
| 8 | 1328.2 | 1322.7 | 2067.0 | 1309.0 | 1314.8 | 2474.7 | 2737.8 | 2703.9 | 2189.0 | 2214.9 | 1341.9 | 1334.0 | |
| 9 | 1325.0 | 1325.0 | 1551.9 | 2047.9 | 1310.2 | 2230.8 | 2731.0 | 2222.8 | 2355.0 | 2331.3 | 1331.0 | 1337.3 | |
| 10 | 1304.6 | 2128.1 | 1534.7 | 1304.6 | 2137.0 | 2239.8 | 2728.8 | 2718.6 | 2193.5 | 2226.2 | 1340.7 | 2153.9 | |
| 11 | 1309.0 | 2131.5 | 1915.7 | 2068.2 | 1306.9 | 1345.3 | 2723.1 | 2719.8 | 2159.6 | 2180.0 | 1340.7 | 2152.8 | |
| 12 | 1314.8 | 2083.0 | 1968.8 | 1296.8 | 1313.7 | 2239.8 | 2690.4 | 2716.4 | 2166.3 | 2094.2 | 2739.0 | 2175.3 | |
| 13 | 2151.9 | 2168.8 | 1308.1 | 1299.0 | 1313.7 | 1316.0 | 2710.8 | 2671.2 | 2164.4 | 2158.7 | 2181.0 | 1965.4 | |
| 14 | 1314.8 | 2170.9 | 1299.0 | 1336.2 | 2133.8 | 2198.0 | 2709.6 | 2260.2 | 2160.8 | 1323.8 | 2172.1 | 2226.3 | |
| 15 | 1326.2 | 2165.4 | 1301.2 | 2078.5 | 2187.8 | 1327.2 | 2271.4 | 2692.7 | 2550.3 | 2129.2 | 2156.3 | 2107.6 | |
| 16 | 2116.8 | 1328.2 | 2056.9 | 1990.2 | 2159.6 | 2191.2 | 2722.0 | 2716.4 | 2207.1 | 2151.9 | 1325.0 | 2124.7 | |
| 17 | 1309.0 | 1316.0 | 1305.8 | 2080.4 | 1336.2 | 1332.9 | 2717.5 | 2707.4 | 2491.7 | 2647.7 | 2152.8 | 2165.3 | |
| 18 | 1309.0 | 1329.6 | 1310.2 | 2025.2 | 2168.6 | 2344.9 | 2239.8 | 2687.0 | 2683.7 | 2669.1 | 2115.6 | 2105.6 | |
| 19 | 1323.8 | 1323.8 | 2080.4 | 2060.3 | 1334.0 | 2356.0 | 2664.5 | 2227.3 | 2224.0 | 2129.2 | 2121.3 | 1326.2 | |
| 20 | 1313.7 | 2204.7 | 2092.9 | 1539.9 | 1329.4 | 1560.6 | 2666.7 | 2713.0 | 2676.9 | 1323.8 | 1356.5 | 1329.4 | |
| 21 | 1345.3 | 2182.3 | 2040.0 | 1323.8 | 1330.6 | 2153.9 | 1340.7 | 2234.1 | 2453.7 | 2525.7 | 1349.8 | 1328.2 | |
| 22 | 1312.5 | 2120.1 | 1312.5 | 1302.3 | 1329.4 | 1336.2 | 2208.1 | 2676.9 | 2166.3 | 1729.4 | 1339.6 | 1225.5 | |
| 23 | 2186.7 | 1332.9 | 1306.9 | 2040.0 | 2257.9 | 2640.9 | 2713.0 | 2204.7 | 2158.4 | 2147.2 | 1335.2 | 1360.0 | |
| 24 | 2212.7 | 1328.2 | 2017.2 | 2027.5 | 2185.5 | 2198.0 | 2683.7 | 2231.8 | 2231.8 | 2122.5 | 1328.2 | 1334.0 | |
| 25 | 1296.8 | 1328.2 | 2033.1 | 2125.8 | 1325.0 | 2544.0 | 2723.1 | 2685.9 | 2186.7 | 2143.9 | 1317.1 | 1327.2 | |
| 26 | 1313.7 | 1325.0 | 1299.0 | 2120.0 | 1334.0 | 2614.7 | 2703.9 | 2212.7 | 2135.9 | 1325.0 | 1332.9 | 1335.2 | |
| 27 | 1314.8 | 1300.0 | 2046.6 | 1915.7 | 2178.0 | 2636.2 | 2277.1 | 2219.4 | 2191.2 | 1925.8 | 2218.3 | 1331.7 | |
| 28 | 1310.2 | 2011.7 | 1305.8 | 1911.2 | 2143.8 | 2580.9 | 2241.0 | 2500.7 | 2239.6 | 1280.8 | 1337.3 | 1312.5 | |
| 29 | 2123.6 | | 2032.1 | 1328.2 | 1334.0 | 2237.5 | 2388.9 | 2705.1 | 2233.8 | 1837.8 | 1329.4 | 1338.4 | |
| 30 | 1317.1 | | 1297.9 | 2095.4 | 2159.6 | 2711.9 | 2680.2 | 2698.3 | 2205.9 | 1959.8 | 1337.3 | 1335.2 | |
| 31 | 2149.5 | | 1295.6 | | 2141.6 | | 2236.3 | 2233.0 | | 2417.2 | | 1322.7 | |
| Total | 45,887 | 49,737 | 50,890 | 52,770 | 52,772 | 60,925 | 79,073 | 78,613 | 68,881 | 64,246 | 50,668 | 51,036 | 705,499 |
| Minimum | 1,297 | 1,300 | 1,230 | 1,297 | 1,307 | 1,316 | 1,341 | 2,205 | 1,332 | 1,281 | 1,261 | 1,225 | 1,225 |
| Maximum | 2,213 | 2,391 | 2,099 | 2,126 | 2,258 | 2,712 | 2,847 | 2,727 | 2,705 | 2,669 | 2,739 | 2,322 | 2,847 |
| Average | 1,480 | 1,776 | 1,642 | 1,759 | 1,702 | 2,031 | 2,551 | 2,536 | 2,296 | 2,072 | 1,689 | 1,646 | 1,933 |

Note: (i) As per the water system's current Municipal Drinking Water Licence, the rated capacity of the Water Treatment Plant is 340.0 million litres/day. This converts to 3935 litres/second. The maximum daily volume of treated water that flows from the treatment plant into the distribution system shall not exceed this value.

APPENDIX B – 2019 ANNUAL REPORT



| | |
|---|--|
| Drinking-Water System Number: | 210000791 |
| Drinking-Water System Name: | Lake Huron Primary Water Supply System |
| Drinking-Water System Owner: | Lake Huron Primary Water Supply System Joint Board of Management |
| Drinking-Water System Operating Authority: | Ontario Clean Water Agency (OCWA) |
| Drinking-Water System Category: | Large Municipal Residential |
| Period being reported: | January 1, 2019 through December 31, 2019 |

| | |
|--|---|
| <p><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></p> <p>Does your Drinking-Water System serve more than 10,000 people? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Lake Huron and Elgin Area Water Supply Systems c/o Regional Water Supply Division 235 North Centre Road, Suite 200 London, ON N5X 4E7 https://huronelginwater.ca/</p> <p>Lake Huron Water Treatment Plant 71155 Bluewater Hwy. Grand Bend, ON</p> </div> | <p><u>Complete for all other Categories.</u></p> <p>Number of Designated Facilities served: <input type="text" value="N/A"/></p> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Number of Interested Authorities you report to: <input type="text" value="N/A"/></p> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes <input type="checkbox"/> No <input type="checkbox"/></p> |
|--|---|



List all Drinking-Water Systems (if any), which receive all of their drinking water from your system:

Systems that receive their drinking water from the LHPWSS:

| Drinking Water System Name | Drinking Water System Number |
|---|-------------------------------------|
| City of London | 260004917 |
| Municipality of Bluewater | 260006542 |
| Municipality of Lambton Shores (East Lambton Shores Water Distribution System) | 260006568 |
| Township of Lucan-Biddulph | 260003071 |
| Municipality of Middlesex Centre (Middlesex Centre Distribution System) | 260004202 |
| Municipality of North Middlesex | 260006529 |
| Municipality of Strathroy-Caradoc (Strathroy-Caradoc Distribution System) | 260080106 |
| Municipality of South Huron (South Huron Water Distribution System) | 220001520 |

Systems that may receive their drinking water from the LHPWSS:

| Drinking Water System Name | Drinking Water System Number |
|--|-------------------------------------|
| Municipality of Lambton Shores (West Lambton Shores Distribution System) *Normally supplied by the Lambton Area Water Supply System (LAWSS) but a connection to the LHPWSS exists | 260006581 |

Did you provide a copy of your annual report to all Drinking-Water System owners that are connected to you and to whom you provide all of its drinking water?

Yes No

Indicate how you notified system users that your annual report is available, and is free of charge.

- Public access/notice via the web
- Public access/notice via Government Office
- Public access/notice via a newspaper
- Public access/notice via Public Request
- Public access/notice via a Public Library
- Public access/notice via other method News Release



Describe your Drinking-Water System

The Lake Huron Water Treatment Plant (WTP) employs pre-chlorination, screening, powder activated carbon addition (seasonally on an as-required basis), coagulation, flocculation, sedimentation, dual-media filtration, post-chlorination, and pH adjustment using sodium hydroxide to treat raw water obtained from Lake Huron. The WTP intake crib and raw water intake pipe have an estimated gross capacity of 454.6

Megalitres/day (MLD). The WTP rated capacity is 340.0 MLD.

A Residuals Management Facility (RMF) providing equalization, clarification, sediment thickening and dechlorination is also housed in the main complex where thickened sediment is dewatered by centrifuges and the sediment is sent to the landfill for final disposal. Clarified and dechlorinated liquid streams are sent back to Lake Huron through the plant drain via the Diversion Chamber.

The transmission system is comprised of the McGillivray Booster Pumping Station and Reservoir, the Exeter-Hensall Booster Pumping Station and Reservoir, the Arva Terminal Reservoir, the Komoka-Mt. Brydges Booster Pumping Station (PS#4) and the associated interconnecting transmission water mains, which includes the primary, Strathroy, Exeter-Hensall, and Komoka-Mt. Brydges transmission water mains.

The drinking water system is monitored at various locations throughout the system via a Supervisory Control and Data Acquisition (SCADA) system.

List all water treatment chemicals used over this reporting period

Filter Aid Polymer (on an as-required basis)
 Aluminum Sulphate
 Powder Activated Carbon
 Chlorine Gas
 Sodium Hydroxide
 Sodium Hypochlorite (Exeter Hensall Pumping Station)
 Dewatering Polymer (Residuals Management Facility)
 Sodium Bisulphite (Residuals Management Facility)

Were any significant expenses incurred to?

- Install required equipment
 Repair required equipment
 Replace required equipment

Please provide a brief description and a breakdown of monetary expenses incurred

Capital Projects:

- Pipeline section replacement
- Instrumentation replacements
- Filter flow meter replacements
- North and South raw water flow meter replacements
- Filters #5 and #12 rebuilds
- Filters #5 and #12 backwash valve rebuilds



- Security upgrades
- Chemical fill panel installation
- Operations & Maintenance Manual updates
- Concrete crack injection
- Replacement of Uninterruptible Power Supply (UPS) and related breaker panels
- B-Line Monitoring Station relocation
- High lift pump #5 control valve installation
- Travelling screen wash water pipe replacement
- High lift pump #3 and #6 suction valves installation
- Sodium hydroxide (NaOH) pump system replacement
- Transient pressure monitoring system installation
- Chamber rehabilitation and improvements
- Sluice gate repairs – Clearwell 2 outlet
- Erosion control at the beach chamber
- Replaced Grand Bend flow meter

Maintenance Projects:

- Installed air release valve at Exeter-Hensall Pumping Station
- Installed grit pump variable frequency drive (VFD)
- Replaced filter effluent analyzers piping
- Installed Residuals Management Facility (RMF) transfer pump wear plates and lobes
- Various building envelope replacements and maintenance
- Drain and service water piping replacement
- Power cables replaced at Exeter-Hensall Pumping Station
- Chlorine line repair

Provide details on the notices submitted in accordance with subsection 18(1) of the Safe Drinking-Water Act or section 16-4 of Schedule 16 of O.Reg.170/03 and reported to Spills Action Centre

| Incident Date | Parameter | Result | Unit of Measure | Corrective Action | Corrective Action Date |
|--|-----------------------------------|---|------------------------|---|--|
| August 7, 2019 AWQI #147116 | E.coli and Total Coliforms | 1 E.coli & 1 Total Coliforms | CFU/ 100 mL | Resampled and tested. All resample results were clear. | August 8, 2019 and August 9, 2019 |



Microbiological testing done under the Schedule 10, 11 or 12 of Regulation 170/03, during this reporting period.

| | Number of Samples | Range of E.Coli Results (CFU/100mL) (min #)-(max #) | Range of Total Coliform Results (CFU/100mL) (min #)-(max #) | Range of HPC Results (CFU/1mL) (min #)-(max #) |
|---|-------------------|---|---|--|
| Raw Water | 101 | (0)-(100) | (0)-(12,500) | (<10)-(>2,000) |
| Treated Water (WTP) | 224 | (0)-(1) | (0)-(1) | (0)-(>2,000) |
| Distribution (McGillivray PS) | 55 | (0)-(0) | (0)-(0) | (<10)-(80) |
| Distribution (North Exeter) | 55 | (0)-(0) | (0)-(0) | (<10)-(340) |
| Distribution (South Exeter) | 54 | (0)-(0) | (0)-(0) | (<10)-(70) |
| Distribution (Exeter-Hensall Reservoir) | 54 | (0)-(0) | (0)-(0) | (<10)-(20) |
| Distribution (Komoka-Mt. Brydges PS) | 53 | (0)-(0) | (0)-(0) | (<10)-(40) |

Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report.

| Parameter | Number of Grab Samples | Range of Results (min #)-(max #) |
|--|------------------------|----------------------------------|
| Treated Water Free Chlorine (mg/L) | Continuous Monitoring | (0.61) – (1.97) |
| | 2135 | (0.77) - (1.58) |
| Treated Water Turbidity (NTU) | Continuous Monitoring | (0.010) – (2.00) |
| | 2135 | (0.021) - (0.171) |
| Filter #1 - Filtered Water Turbidity (NTU) | Continuous Monitoring | (0.014) - (0.842) |
| Filter #2 - Filtered Water Turbidity (NTU) | Continuous Monitoring | (0.012) -*(1.383) |
| Filter #3 - Filtered Water Turbidity (NTU) | Continuous Monitoring | (0.019) - (0.575) |
| Filter #4 - Filtered Water Turbidity (NTU) | Continuous Monitoring | (0.020) - (0.167) |



| | | |
|---|-----------------------|-------------------|
| Filter #5 - Filtered Water Turbidity (NTU) | Continuous Monitoring | (0.017) - (0.870) |
| Filter #6 - Filtered Water Turbidity (NTU) | Continuous Monitoring | (0.019) - (0.396) |
| Filter #7 - Filtered Water Turbidity (NTU) | Continuous Monitoring | (0.017) - (0.817) |
| Filter #8 - Filtered Water Turbidity (NTU) | Continuous Monitoring | (0.021) - (0.719) |
| Filter #9 - Filtered Water Turbidity (NTU) | Continuous Monitoring | (0.014) - (0.704) |
| Filter #10- Filtered Water Turbidity (NTU) | Continuous Monitoring | (0.024) - (0.380) |
| Filter #11- Filtered Water Turbidity (NTU) | Continuous Monitoring | (0.014) - (0.792) |
| Filter #12- Filtered Water Turbidity (NTU) | Continuous Monitoring | (0.019) - (0.452) |
| Combined Filtered Water Turbidity (NTU) | 2135 | (0.021) - (0.123) |

* On March 22nd, Filter #2 went above 1.0 NTU on two occasions due to filter related upgrades. Both events were above 1.0 NTU for less than 5 minutes, therefore both events were not reportable (not an adverse result).

Summary of Inorganic parameters tested during this reporting period

(*All tests were conducted on treated water leaving the WTP unless otherwise noted)

| Parameter | Sample Date | Result Value | Unit of Measure | Exceedance |
|--|---|--|------------------------------|------------|
| Antimony | January 29, 2019 | 0.00012 | mg/L | NO |
| Arsenic | January 29, 2019 | Not Detected | mg/L | NO |
| Barium | January 29, 2019 | 0.0157 | mg/L | NO |
| Boron | January 29, 2019 | 0.016 | mg/L | NO |
| Cadmium | January 29, 2019 | 0.000003 | mg/L | NO |
| Chromium | January 29, 2019 | 0.00012 | mg/L | NO |
| Lead (Komoka Mt-Brydges Monitoring Station #2) | January 30, 2019 April 29, 2019 July 25, 2019 October 24, 2019 | Not Detected Not Detected 0.00004 0.00002 | mg/L mg/L mg/L mg/L | NO |
| Mercury | January 29, 2019 | Not Detected | mg/L | NO |
| Selenium | | | | |



| | | | | |
|-----------------|---|--|------------------------------|----|
| | January 29, 2019 | 0.00013 | mg/L | NO |
| Sodium | January 29, 2019 | 10.2 | mg/L | NO |
| Uranium | January 29, 2019 | 0.000072 | mg/L | NO |
| Fluoride | January 29, 2019 | 0.07 | mg/L | NO |
| Nitrite | January 30, 2019 April 29, 2019 July 25, 2019 October 24, 2019 | Not Detected Not Detected Not Detected Not Detected | mg/L mg/L mg/L mg/L | NO |
| Nitrate | January 30, 2019 April 29, 2019 July 25, 2019 October 24, 2019 | 1.11 1.29 0.341 0.278 | mg/L mg/L mg/L mg/L | NO |

Summary of Organic parameters sampled during this reporting period or the most recent sample results

(*All tests were conducted on treated water leaving the WTP unless otherwise noted)

| Parameter | Sample Date | Result Value | Unit of Measure | Exceedance |
|---|------------------|--------------|-----------------|------------|
| Alachlor | January 29, 2019 | Not Detected | mg/L | NO |
| Atrazine + N-dealkylated metabolites | January 29, 2019 | 0.00001 | mg/L | NO |
| Azinphos-methyl | January 29, 2019 | Not Detected | mg/L | NO |
| Benzene | January 29, 2019 | Not Detected | mg/L | NO |
| Benzo(a)pyrene | January 29, 2019 | Not Detected | mg/L | NO |
| Bromoxynil | January 29, 2019 | Not Detected | mg/L | NO |
| Carbaryl | January 29, 2019 | Not Detected | mg/L | NO |
| Carbofuran | January 29, 2019 | Not Detected | mg/L | NO |
| Carbon Tetrachloride | January 29, 2019 | Not Detected | mg/L | NO |
| Chlorpyrifos | January 29, 2019 | Not Detected | mg/L | NO |



| | | | | |
|---|---|--|------------------------------|----|
| Diazinon | January 29, 2019 | Not Detected | mg/L | NO |
| Dicamba | January 29, 2019 | Not Detected | mg/L | NO |
| 1,2-Dichlorobenzene | January 29, 2019 | Not Detected | mg/L | NO |
| 1,4-Dichlorobenzene | January 29, 2019 | Not Detected | mg/L | NO |
| 1,2-Dichloroethane | January 29, 2019 | Not Detected | mg/L | NO |
| 1,1-Dichloroethylene (vinylidene chloride) | January 29, 2019 | Not Detected | mg/L | NO |
| Dichloromethane | January 29, 2019 | Not Detected | mg/L | NO |
| 2-4 Dichlorophenol | January 29, 2019 | Not Detected | mg/L | NO |
| 2,4-Dichlorophenoxy acetic acid (2,4-D) | January 29, 2019 | Not Detected | mg/L | NO |
| Diclofop-methyl | January 29, 2019 | Not Detected | mg/L | NO |
| Dimethoate | January 29, 2019 | Not Detected | mg/L | NO |
| Diquat | January 29, 2019 | Not Detected | mg/L | NO |
| Diuron | January 29, 2019 | Not Detected | mg/L | NO |
| Glyphosate | January 29, 2019 | Not Detected | mg/L | NO |
| Haloacetic Acids (HAA's) (Arva Reservoir) | January 30, 2019 April 29, 2019 July 25, 2019 October 24, 2019 | Not Detected 0.0164 0.0134 Not Detected | mg/L mg/L mg/L mg/L | NO |
| Haloacetic Acids (HAA's) (Arva Reservoir) Running Annual Average | 2019 | 0.0075 | mg/L | NO |
| Haloacetic Acids (HAA's) (Exeter-Hensall Monitoring Station #3) | January 30, 2019 April 29, 2019 July 25, 2019 October 24, 2019 | 0.0197 0.0191 0.0206 0.0075 | mg/L mg/L mg/L mg/L | NO |



| | | | | |
|---|---|--|------------------------------|----|
| Haloacetic Acids (HAA's) (Exeter-Hensall Monitoring Station #3) Running Annual Average | 2019 | 0.0167 | mg/L | NO |
| Haloacetic Acids (HAA's) (Komoka Mt-Brydges Monitoring Station #2) | January 30, 2019 April 29, 2019 July 25, 2019 October 24, 2019 | 0.0121 0.0202 0.0177 0.0063 | mg/L mg/L mg/L mg/L | NO |
| Haloacetic Acids (HAA's) (Komoka Mt-Brydges Monitoring Station #2) Running Annual Average | 2019 | 0.0141 | mg/L | NO |
| Haloacetic Acids (HAA's) (Strathroy-Caradoc Monitoring Station #2) | January 30, 2019 April 29, 2019 July 25, 2019 October 24, 2019 | 0.0105 0.0168 0.0156 Not Detected | mg/L mg/L mg/L mg/L | NO |
| Haloacetic Acids (HAA's) (Strathroy-Caradoc Monitoring Station #2) Running Annual Average | 2019 | 0.0107 | mg/L | NO |
| Malathion | January 29, 2019 | Not Detected | mg/L | NO |
| 2-Methyl-4-chlorophenoxyacetic acid | January 29, 2019 | Not Detected | mg/L | NO |
| Metolachlor | January 29, 2019 | Not Detected | mg/L | NO |
| Metribuzin | January 29, 2019 | Not Detected | mg/L | NO |
| Monochlorobenzene | January 29, 2019 | Not Detected | mg/L | NO |
| Paraquat | January 29, 2019 | Not Detected | mg/L | NO |
| Pentachlorophenol | January 29, 2019 | Not Detected | mg/L | NO |
| Phorate | January 29, 2019 | Not Detected | mg/L | NO |
| Picloram | January 29, 2019 | Not Detected | mg/L | NO |
| Polychlorinated Biphenyls (PCB) | January 29, 2019 | Not Detected | mg/L | NO |



| | | | | |
|---|---|----------------------------------|------------------------------|----|
| Prometryne | January 29, 2019 | Not Detected | mg/L | NO |
| Simazine | January 29, 2019 | Not Detected | mg/L | NO |
| Total Trihalomethanes (Arva Reservoir) | January 30, 2019 April 29, 2019 July 25, 2019 October 24, 2019 | 0.015 0.024 0.028 0.020 | mg/L mg/L mg/L mg/L | NO |
| Total Trihalomethanes (THMs) (Arva Reservoir) Running Annual Average | 2019 | 0.022 | mg/L | NO |
| Total Trihalomethanes (Exeter-Hensall Monitoring Station #3) | January 30, 2019 April 29, 2019 July 25, 2019 October 24, 2019 | 0.031 0.033 0.045 0.035 | mg/L mg/L mg/L mg/L | NO |
| Total Trihalomethanes (Exeter-Hensall Monitoring Station #3) Running Annual Average | 2019 | 0.036 | mg/L | NO |
| Total Trihalomethanes (Komoka Mt-Brydges Monitoring Station #2) | January 30, 2019 April 29, 2019 July 25, 2019 October 24, 2019 | 0.021 0.028 0.039 0.026 | mg/L mg/L mg/L mg/L | NO |
| Total Trihalomethanes (Komoka Mt-Brydges Monitoring Station #2) Running Annual Average | 2019 | 0.029 | mg/L | NO |
| Total Trihalomethanes (Strathroy-Caradoc Monitoring Station #2) | January 30, 2019 April 29, 2019 July 25, 2019 October 24, 2019 | 0.018 0.026 0.029 0.023 | mg/L mg/L mg/L mg/L | NO |



| | | | | |
|---|------------------|--------------|------|----|
| Total Trihalomethanes (Strathroy-Caradoc Monitoring Station #2) Running Annual Average | 2019 | 0.024 | mg/L | NO |
| Terbufos | January 29, 2019 | Not Detected | mg/L | NO |
| Tetrachloroethylene | January 29, 2019 | Not Detected | mg/L | NO |
| 2,3,4,6- Tetrachlorophenol | January 29, 2019 | Not Detected | mg/L | NO |
| Triallate | January 29, 2019 | Not Detected | mg/L | NO |
| Trichloroethylene | January 29, 2019 | Not Detected | mg/L | NO |
| 2,4,6-Trichlorophenol | January 29, 2019 | Not Detected | mg/L | NO |
| Trifluralin | January 29, 2019 | Not Detected | mg/L | NO |
| Vinyl Chloride | January 29, 2019 | Not Detected | mg/L | NO |

NOTE: During 2019, no Inorganic or Organic parameter(s) exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards.

**APPENDIX C –
2019 MINISTRY OF THE ENVIRONMENT, CONSERVATION AND
PARKS (MECP) INSPECTION SUMMARY**

**Ministry of the Environment, Conservation and Parks (MECP) Inspection
Report – Issued February 3, 2020**

Summary of Non-compliances (NC)

| # | MECP Inspection Module | MECP Non-compliance (Summary) | Corrective Action Required by MECP (Summary) |
|-------|------------------------|---|---|
| NC #1 | Treatment Processes | <p>Where an activity has occurred that could introduce contamination, all parts of the drinking water system were not disinfected in accordance with Schedule B, Condition 2.3 of the Drinking Water Works Permit.</p> <p>Drinking Water Works Permit # 001-201, Issue # 5 Section 2.3 of Schedule B stipulates that all parts of the drinking water system in contact with drinking water which are added, modified, replaced, extended; or taken out of service for inspection, repair or other activities that may lead to contamination, shall be disinfected before being put into service in accordance with a procedure approved by the Director or in accordance with the applicable provisions of the following documents:</p> <ul style="list-style-type: none"> a) The ministry's Watermain Disinfection Procedure, dated November 2015; b) Subject to condition 2.3.2, any updated version of the ministry's Watermain Disinfection Procedure; c) AWWA C652 – Standard for Disinfection of Water-Storage Facilities; d) AWWA C653 – Standard for Disinfection of Water Treatment Plants; and e) AWWA C654 – Standard for Disinfection of Wells. | <p>From herein, the Operating Authority shall ensure that the procedures outlined in the Drinking Water Works Permit # 001- 201 Issue # 5, Section 2.3 of Schedule B are complied with.</p> <p>An internal operational document should be developed indicating the Standard to be used regarding disinfection and bacteriological sampling, pending the location of work to be completed and mandatory record keeping to ensure compliance.</p> <p>The Operating Authority shall provide additional training to the operators regarding the requirements of Drinking Water Works Permit # 001- 201 Issue # 5 specifically Section 2.3.</p> <ul style="list-style-type: none"> a) The ministry's Watermain Disinfection Procedure, dated November 2015; b) Subject to condition 2.3.2, any updated version of the ministry's Watermain Disinfection Procedure; c) AWWA C652 – Standard for Disinfection of Water-Storage Facilities; d) AWWA C653 – Standard for Disinfection of Water Treatment Plants; and e) AWWA C654 – Standard for Disinfection of Wells. <p>In addition to the above the</p> |

| # | MECP Inspection Module | MECP Non-compliance (Summary) | Corrective Action Required by MECP (Summary) |
|-------|----------------------------------|---|---|
| | | <p>Documentation provided for the inspection period indicates that not all bacteriological sampling was conducted during replacement/repair of treatment plant components as per AWWA C653 – Standard for Disinfection of Water Treatment Plants Sec. 5.1 Bacteriological Sampling "After the disinfection procedure is completed, and before the treatment unit or facility is placed in service, two or more samples shall be taken from the unit or facility not less than 30 min apart and shall be tested for the presence of total coliform" In addition to the above, records provided fail to document the time line of disinfection regarding the spray method as a minimum contact time of 30 minutes.</p> | <p>Operating Authority shall submit documentation including an operator sign off sheet to the undersigned inspector no later than March 31, 2020.</p> |
| NC #2 | Reporting and Corrective Actions | <p>Documentation provided by the Operating Authority indicated that a treated microbial water sample collected on August 6, 2019, was reported by the testing laboratory on August 7, 2019 at 14:55 to the OCWA Senior Operations Manager with adverse E. Coli and Total Coliform. Ontario Regulation 170 – Schedule 17-5 (1) stipulates that the appropriate corrective actions associated with adverse E. Coli require the Owner / Operating Authority to immediately resample and test. However, the Operating Authority did not initiate</p> | <p>The Owner/Operating Authority shall immediately develop and implement appropriate protocols to ensure that staff responsible for the operations and maintenance of the drinking water system are provided with direction and training regarding the following:</p> <ul style="list-style-type: none"> - Regulatory compliance related issues as prescribed by legislation; - Requirements for appropriate reporting and record keeping mechanisms as prescribed by legislation; - Requirements for operational monitoring and corrective action |

| # | MECP Inspection Module | MECP Non-compliance (Summary) | Corrective Action Required by MECP (Summary) |
|---|------------------------|---|---|
| | | <p>mandatory corrective action resampling until August 8, 2019.</p> | <p>requirements as prescribed by legislation.</p> <p>In addition, from herein, the Owner/Operating Authority, Overall Responsible Operator (ORO) and the Operator-in-Charge (OIC) of the drinking water system must be notified regarding any concerns with operations of the water system that may compromise public health and/or water quality compliance.</p> <p>The Owner/Operating Authority shall forward a copy of the aforementioned protocols to the author of this report by March 1, 2020.</p> <p>In addition to the above report, the Owner/Operating Authority shall provide a signoff sheet indicating that each person responsible for the operations of the facility have been given the appropriate training by March 31, 2020.</p> |

From: "Ausable Bayfield Conservation Authority (ABCA)" <tcumming@abca.ca>

Date: March 20, 2020 at 4:03:20 PM EDT

To: Ron Reymer <rreymer@lucanbiddulph.on.ca>

Subject: Annual Report 2019 available now

Reply-To: Ausable Bayfield Conservation Authority (ABCA) <tcumming@abca.ca>



Annual Report 2019 available now

Here at Ausable Bayfield Conservation Authority (ABCA), we are excited to announce the release of the 2019 *Annual Report*.

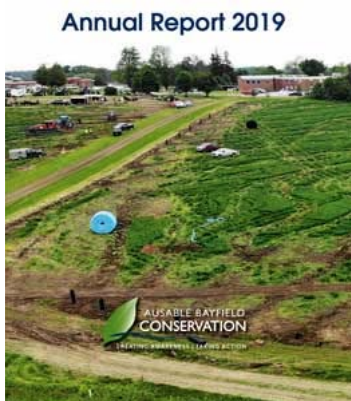
You may download it now and read it, online, in the comfort of your own home.

Here it is:

- [Annual Report 2019](#)

As a watershed community partner, the successes documented in this report are, to a large extent, your successes.

Thank you.



The front cover photo is courtesy of Williams Drainage Inc. It shows work at Huron County Soil and Crop Improvement Association’s drainage innovation and water quality improvement research project, at Huron County Demonstration Farm, at Huronview complex near Clinton, during the Drainage Innovation Day.

The colourful cover crops photo on the back cover is by Ausable Bayfield Conservation’s Nathan Schoelier. It was taken at GerardCornelisFarms Inc.

We thank them for use of these photos.

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Our mailing address is:

Ausable Bayfield Conservation Authority (ABCA)
71108 Morrison Line
RR 3
Exeter, Ontario N0M 1S5
Canada

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**Board of Directors Meeting Highlights
Held on March 26, 2020 at 8:30 AM
at the Material Recovery Facility Board Room**



COVID-19 Update

As of Friday March 20, 2020, the Association is still in the preparedness stage, the first stage of a four stages contingency plan. For the most part, it is business as usual.

Areas affected as a result of the pandemic are as follows:

- 1) We have temporarily stopped all waste auditing functions including bin inspections.

The situation remains very fluid with changes on a daily basis. We currently have 6 employees in self-isolation and none have exhibited any symptoms.

The New England Journal of Medicine has published research on the life of the virus on surfaces. It has determined that the virus is detectable in very low levels or completely undetectable after:

| Material | Half Life | Low to Undetectable |
|-----------------|-----------|---------------------|
| Cardboard | 1.2 hours | 24 hours |
| Stainless Steel | 5.6 hours | 48 hours |
| Copper | 1.2 hours | 4 hours |
| Plastic | 6.8 hours | 72 Hours |

According to the U.S. Centers for Disease Control and Prevention (CDC), risk of catching COVID-19 is higher for people who are in close contact with someone who already has the disease. The virus is

thought to spread mainly through respiratory droplets (not truly airborne) produced when an infected person coughs or sneezes. While it also may be possible that a person can get COVID-19 by touching a surface or object that has the virus on it and then touching their own mouth, nose, or possibly their eyes, this is not thought to be the main way the virus spreads. OSHA states that without sustained human-to-human transmission, most American workers are not at significant risk of infection.

Management of waste that is suspected or known to contain or be contaminated with COVID-19 does not require additional precautions beyond those normally used to protect workers in the solid waste sector. Use typical engineering and administrative controls, safe work practices, and PPE, such as puncture-resistant gloves and face and eye protection, to prevent worker exposure.

Certain supplies such as masks and disinfectants are not available or running low.

Shipment of recyclables to end markets continues but getting haulers is becoming more difficult. Shipments over long distances is very difficult. Some drivers are concerned that if they cross the border they will not be allowed in or if they get sick they will have no coverage. Other issues affecting all haulers are lack of basic needs. With all the restaurants closed, haulers have no where to stop to eat as walk ups are being refused at the drive throughs. Even more basic is the lack of access to washroom facilities. This is affecting our drivers as well. Without getting into any details, our female drivers are especially affected by this problem. We would ask our members to point us to locations within their municipality where they may be accommodated.

Stay safe and regardless of specific exposure risks, it is always a good practice to:

- Frequently wash your hands with soap and water for at least 20 seconds. When soap and running water are unavailable, use an alcohol-based hand rub with at least 60% alcohol. Always wash hands that are visibly soiled.
- Avoid touching your eyes, nose, or mouth with unwashed hands.
- Avoid close contact with people who are sick.

U.S.-Canada Land Border

Canada's federal Minister of Transport has stated that truck drivers, train and air crews and others whose professions require cross-border travel to the U.S. in order to maintain trade and deliver essential products will be exempted from the condition to self-isolate as the government attempts to limit the spread of coronavirus. OWMA is working with the Canadian Trucking Alliance, the Ontario Trucking Association and the Association of Canadian Manufacturers and Exporters on any cross-border issues arising from COVID-19.

Waste Disposal Contingency Plan

OWMA has recommended that the Government of Ontario present a **Provincial Contingency Plan** to respond to U.S. border disruptions or closures, which may prevent the export of solid waste for disposal in U.S. landfill sites. The contingency plan will provide for the temporary modification of Certificates of Approval governing the operation of Ontario waste management facilities.

If you are facing any waste management-related issues or challenges, please let us know and we will work with the Ministry of Environment and/or other agencies to resolve your concern. The government is still working during this crisis.

Ontario Enacts Declaration of Emergency to Protect the Public

As of March 17, 2020, the Government of Ontario has declared a state of emergency in the province.

Closures of the following will be legally required:

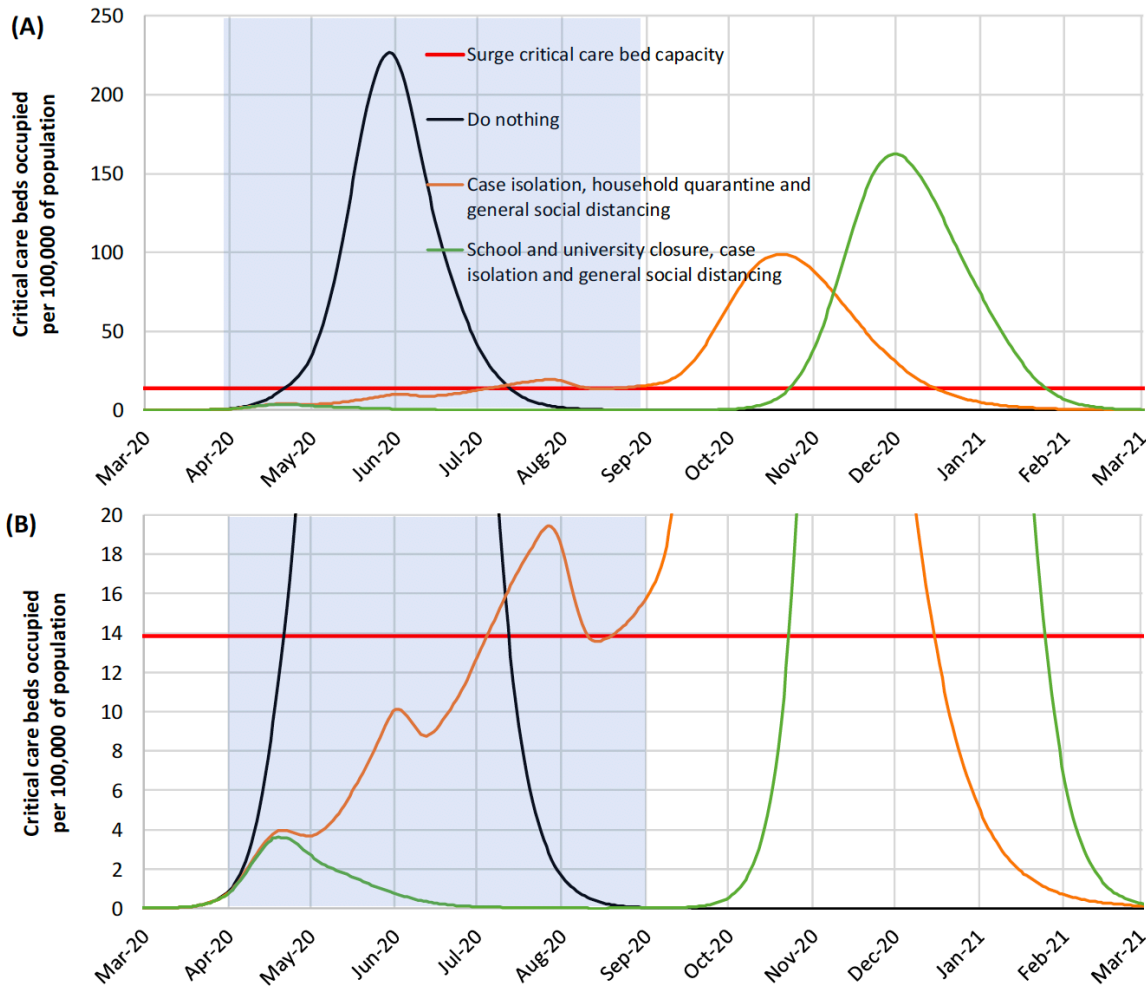
- Indoor recreation facilities
- Public libraries
- Child care facilities
- Private schools
- Theatres
- Concert Venues
- All bars and restaurants, excepting those that provide takeout or delivery options

All organized public events of over 50 people are prohibited, including parades, events and communal services within places of worship.

These measures will remain in place until March 31, 2020 unless terminated earlier.

Projecting Duration of the Pandemic

The Imperial College of London COVID-19 Response Team has produced an exceptionally good model that suggests an August end to the 1st wave and a November start to a second wave.



Suppression strategy scenarios for US showing ICU bed requirements. The black line shows the unmitigated epidemic. Green shows a suppression strategy incorporating closure of schools and universities, case isolation and population-wide social distancing beginning in late March 2020. The orange line shows a containment strategy incorporating case isolation, household quarantine and population-wide social distancing. The red line is the estimated surge ICU bed capacity in US. The blue shading shows the 5-month period in which these interventions are assumed to remain in place. (B) shows the same data as in panel (A) but zoomed in on the lower levels of the graph.

Adding household quarantine to case isolation and social distancing is the next best option, although we predict that there is a risk that surge capacity may be exceeded under this policy option. Combining all four interventions (social distancing of the entire population, case isolation, household quarantine and school and university closure) is predicted to have the largest impact, short of a complete lockdown which additionally prevents people going to work.

Once interventions are relaxed (from September onwards), infections begin to rise, resulting in a predicted peak epidemic later in the year in the absence of vaccination, due to lesser build-up of herd immunity.

Status of the Outbreak at a Glance

On December 31, 2019, the World Health Organization was alerted to several cases of pneumonia in Wuhan, China. The virus did not match any other known virus.

On January 7, 2020, China confirmed COVID-19.

On January 25, 2020, Canada confirms its first case of COVID-19 related to travel in Wuhan, China.

On February 20, 2020, Canada confirms its first case related to travel outside mainland China.

On March 9, 2020, Canada confirms its first death related to COVID-19.

On March 11, 2020, the World Health Organization declares the global outbreak of COVID-19 a pandemic.

311 The number of confirmed cases in Ontario as of March 21.

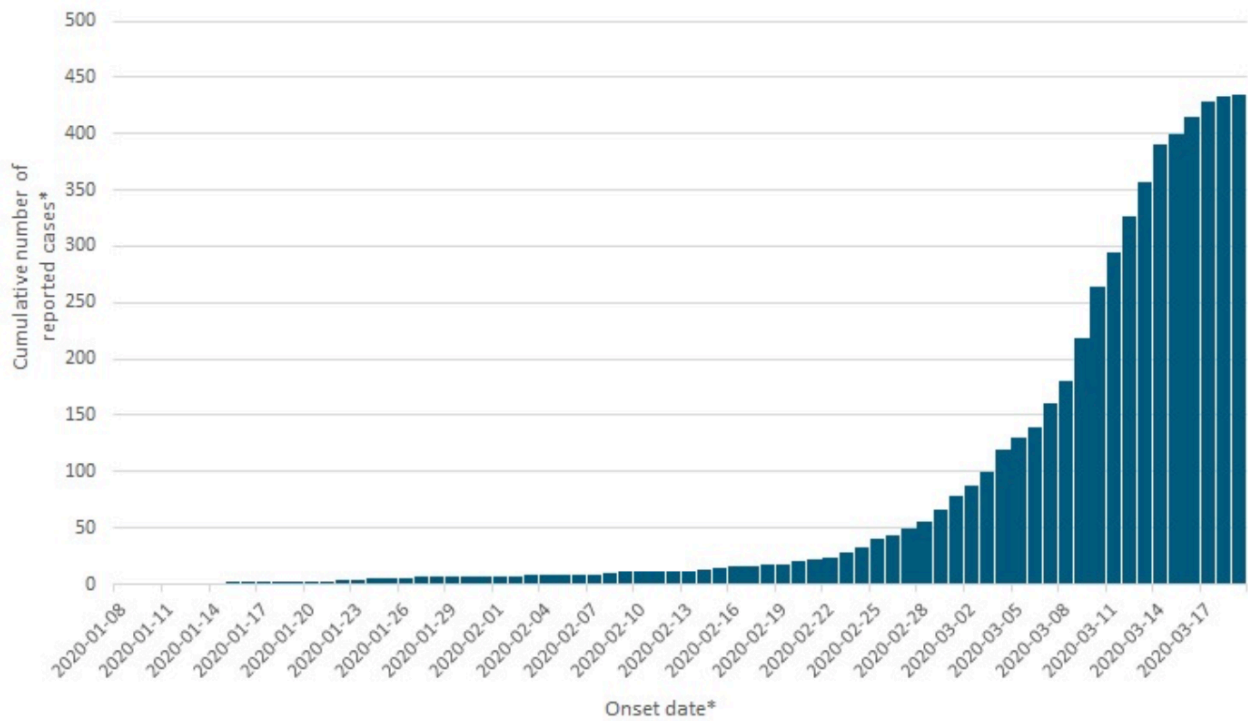
2 The number of fatality in Ontario as of March 21.

64% of those infected travelled or were in close contact with a traveler.

National Microbiology Laboratory's summary of people tested in Canada as of March 20, 2020 at 7:00 pm EDT

| Total number of patients tested in Canada | Total positive | Total negative |
|---|----------------|----------------|
| 76,814 | 975 | 65,673 |

Figure 2. Cumulative COVID-19 cases (n=434 ¹) in Canada by date of symptom onset ₂ as of March 20, 2020, 8:30 AM EST.



Nutrient Management General Regulation Amendment Proposal

The province is committed to cutting red tape and reducing regulatory burden for all businesses, to lower business operating costs and improve Ontario's competitiveness while continuing to protect the environment. Reducing burden on farmers is a critical part of ensuring rural Ontario is economically vibrant and competitive. As part of this effort, the Ministry of Agriculture, Food and Rural Affairs (OMAFRA) and the Ministry of Environment, Conservation and Parks (MECP) are proposing changes to regulations under the Nutrient Management Act, 2002 to reduce burden and ensure requirements are outcome-focused and evidence-based.

In this proposal, the province is considering changes to the General Regulation (O. Reg. 267/03 – General) to create more opportunities for agricultural producers to process manure and other agricultural source materials in on-farm Regulated Mixed Anaerobic Digestion Facilities (RMADFs) and enable the production of renewable natural gas. These changes have the benefits of:

- Increased opportunities for management of food and organic waste in the circular food economy;
- Increased production of renewable natural gas in Ontario; and
- Increased economic development opportunities for the agri-food sector.

The proposed changes maintain environmental protections and provide more opportunities to process manure and other agricultural materials in anaerobic digesters on farms (RMADFs) and return nutrients and organic matter from the anaerobic digestion output (digestate) to the soil.

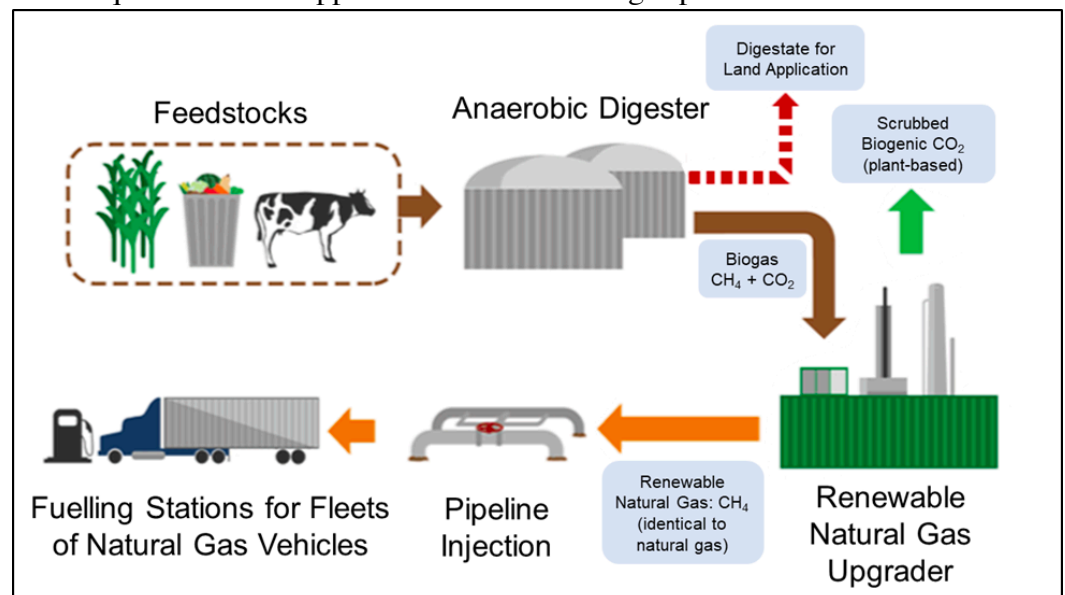
These proposals have been developed in part based on feedback and requests from farmers, the biogas sector, and from companies that generate or collect food and organic material that could be suitable feedstocks for anaerobic digesters. They also align with environmental goals in the Made-in-Ontario Environmental Plan.

Specifically, the proposed changes would:

1. Clarify design and construction requirements to support renewable natural gas production while maintaining or enhancing environmental protections for neighbours and local communities.

2. Provide greater flexibility in the amount and type of on- and off-farm anaerobic digestion materials (feedstocks) permitted for use in RMADFs to make the generation of renewable natural gas more effective, efficient, and economical for farmers.

3. Simplify operational requirements regarding the sampling and analysis of received materials to reduce costs and enhance operational flexibility for farmers.



Canada short 25,000 truck drivers by 2023: report

Canada is expected to be short 25,000 truck drivers as early as 2023, representing a 25% increase over the unfilled vacancies in 2019, Trucking HR Canada reports.

The findings — outlined in *The Road Ahead: Addressing Canada's trucking and logistics industry labor shortage*, a study produced in a partnership with the Conference Board of Canada — are particularly troubling when compared to other business sectors.

Since 2016 alone, the number of truck driver vacancies has more than doubled.

Canada's trucking industry faced an average job vacancy rate of 6.8% last year — double the Canadian average of 3.3% and higher than all industries outside crop production. Longhaul truck driving jobs faced a 9.4% average vacancy rate. And while truck drivers represent 46% of the industry's overall employees, they accounted for 63% of the sector's job vacancies.

Sixty-one percent of the 352 employers surveyed by Trucking HR Canada last fall said they have had trouble filling truck driver vacancies in the last year.

The trucking and logistics sector employs 3.6% of Canada's workforce, translating to more than 650,000 workers. Truck drivers account for 300,000 employees, while 90,000 people are in shipping and receiving, 70,000 are courier service drivers, 38,000 are material handlers at warehouses and distribution staff. The remainder are managers, supervisors, administrative staff, and accounting personnel.

While the number of truck drivers has increased by more than 80,000 people in the past two decades, the rate of increase has slowed to an average of 4,100 drivers per year over the past decade, compared to 5,500 per year over the previous decade.

Identified factors behind the current labor shortage include an aging workforce, misconceptions about the industry among women and youth, and a high turnover rate.

“While 63% of prospective new hires have a high school degree or less, many are not entering the trucking industry due to the perception that training costs and time are prohibitive. And, we are losing these young people to other occupations [e.g. construction], as they perceive the ability to start in other industries immediately,” the report concludes.

While 12% of millennial-aged workers would consider a career in longhaul trucking, just 50% of surveyed employers have formal plans to recruit from the demographic group, Trucking HR Canada says. Misconceptions about training costs, the time to obtain credentials, and the industry's image were all seen as barriers here.

According to Statistics Canada's 2016 Census, 32% of truck drivers were 55 or older, compared to 21% of the labor pool as a whole.

In terms of compensation, close to $\frac{3}{4}$ of shorthaul drivers are paid by the hour, at an average of \$23.77 per hour. Roughly two-thirds of longhaul drivers are paid by the mile, averaging 0.53 per mile. Other forms of compensation range from flat rates to percentage of revenues, and annual salaries.



ISRI Offers a Way Forward for Residential Recycling During Congressional Testimony

Effective policy solutions aimed at rediscovering the value of successful recycling

Focused on solutions to the complex challenges facing the residential recycling stream, the Institute of Scrap Recycling Industries (ISRI) testified during a hearing in front of the House Subcommittee on Environment and Climate Change of the Committee on Energy and Commerce. In his testimony, ISRI Chief Lobbyist Billy Johnson explained what makes for successful recycling, identified existing pressure points in the residential recycling stream, and provided a number of clear policy solutions.



“Recycling in the U.S. involves far more than what is placed in the blue bin, or cart, at the end of the driveway,” Johnson testified. “The recycling infrastructure in the U.S. touches almost every part of our economy – from retail stores, office complexes, residential neighborhoods, schools, factories, and even military bases. And the vast majority of the recyclable material that flows through the recycling infrastructure does so without any problems, and is transformed by recyclers into clean, high quality, commodity-grade product used throughout the world as a substitute for virgin materials.”

Serving as the Voice of the Recycling Industry™, ISRI is in favor of several practical solutions and effective policies that will improve recycling in the United States, including Design for Recycling®; funding for recycling education; recycling-specific technical and financial assistance; affirmative Government Procurement policies demanding increased recycled content; and commitments to use recycled materials in state and local transportation and infrastructure projects.

In addition to highlighting these policy solutions, Johnson identified elements of successful recycling during the hearing on “Reduce, Reuse, Recycle, Reform: Addressing America’s Plastic Waste Crisis”:

“First, successful recycling requires market demand. If there is no end market to utilize the recyclable materials that are collected, they will not be recycled and used again in manufacturing, regardless of the volume of material collected. And collection without market consumption is not recycling.

“Whether called ‘scrap,’ ‘recyclable materials,’ or ‘secondary materials,’ these valuable commodities are sold and sought after in the global marketplace by industrial consumers – including steel mills, metal refiners, foundries, paper mills, plastic formulators, and others – for the manufacture of new consumer and industrial products. The Bureau of International Recycling (BIR) estimates that more than 40% of manufacturers’ raw material needs around the world are met through the recycling of obsolete, off-spec, and end-of-life products and materials.

“Second, successful recycling requires minimal contamination as recyclables are products sold by specification-grade, with their corresponding value and marketability directly related to quality. Industry specifications developed by ISRI are derived from many sectors of the recycling industry including materials recovery facilities, metals, paper stock, plastics, glass, and electronics industries and are constructed to represent the quality or composition of the materials bought and sold in the industry. These specifications are internationally accepted and are used throughout the world to trade various commodities.”



Photo courtesy of Dow Chemical Co.

Hefty diverts 1M pounds of hard-to-recycle plastics from landfills

The Hefty EnergyBag program provides collection service in participating markets for hard-to-recycle items.

Reynolds Consumer Products, Lake Forest, Illinois, has announced that the Hefty EnergyBag program has diverted over one million pounds of hard-to-recycle plastics from landfills. The program is designed to give consumers in participating markets the ability to collect these hard-to-recycle items and see them converted into what Reynolds calls valuable resources.

“We are really proud of surpassing our ambitious goal of diverting one million pounds in just three years,” says Lindsey Walter, director of the Hefty EnergyBag program. “We are grateful to the many people and communities out there who have embraced this program as something we can all do together to make our world a little better.”

In partnership with Dow, Midland, Michigan, and other community collaborators, the program was set up to complement existing recycling programs, allowing unfavorable plastics to be picked up at curbside.

Participants can place the plastics in the Hefty orange bag, tie the bag when full and place it in their curbside recycling cart or bin. Once collected, the plastics are converted into resources, including fuel and new plastic products like park benches, composite decking and concrete blocks. The bright orange bags used for collection make it easy for recycling facilities to separate and forward the materials they cannot process, says the company.

“We are grateful for Hefty’s partnership and their ability to help galvanize people so that we all can do our part to help minimize hard-to-recycle waste by converting it into valuable resources,” says Julie Zaniewski, Dow’s North America sustainability director for packaging and special plastics. “We are encouraged by people’s desire to be a part of the program and the impressive growth it has seen thus far.”

Hydro One, OPG launch e-vehicle charging network



Hydro One and Ontario Power Generation have announced the launch of a new company, which will create the province's most connected electric vehicle fast-charger network.

Ivy Charging Network will have 160 level-3 fast-chargers at 73 locations across the province by the end of 2021.

The charging stations will help alleviate "electric vehicle range anxiety" as Ivy's locations will be less than 100 kilometres apart on average, they said.

Natural Resources Canada (NRCan), through its Electric Vehicle and Alternative Fuel Infrastructure Deployment Initiative (EVAFIDI), provided \$8 million in repayable contribution to Hydro One and OPG to help build the network.

Ivy has chosen Greenlots, a member of the Shell Group and leader in electric vehicle charging and management solutions as its service provider to operate and manage the network.

Ivy is a limited partnership with equal ownership between Hydro One and OPG. As an unregulated business, it can provide a new revenue stream for both companies while not affecting Ontario electricity rates.

The Humble Urban Garbage Truck Gets a High-Tech Battery Makeover

Volvo and Daimler are working on variants to replace diesel

Short routes, frequent stops make haulers suitable for upgrade



Volvo's FE electric garbage truck. Source: Volvo AB

Automakers from Tesla Inc. to Ford Motor Co. are developing ever-sleeker, futuristic-looking electric cars. Volvo AB has something a little chunkier in the race: the battery-powered garbage truck.

The Swedish company will start producing electric versions of its brawny trash haulers next month starting with Europe, with cities from Hamburg to Gothenburg to Zurich already signed up to buy. Volvo says it expects its two new electric models, which can be used for a variety of heavy-duty urban jobs, to do well because they're emissions-free and much quieter than diesels, whose engines fire up when they lift a dumpster.

Surprisingly, these hulking trucks offer some compelling advantages for electrification. Garbage vans typically follow regular daily routes that rarely exceed 60 miles (97 kilometers), easing range concerns. And with frequent stops, they return energy to the battery each time the driver hits the brakes.

City centers are becoming increasingly hostile environments for combustion vehicles. Paris, Madrid, and Hamburg have already introduced limited bans on older diesel cars, and Barcelona, London and Rome plan to keep them out altogether by the end of this decade.

Volvo is offering two versions, one weighing 16 tons and a larger model clocking in at 27 tons. The company wouldn't say how much they will cost, though estimates the sticker prices for the first generation of heavy-duty e-trucks will be about double their diesel equivalents. But by the middle of

this decade the total cost of ownership will be about the same due to their lower maintenance costs and fuel consumption, BNEF predicts.

It's not just the purchase price that operators need to consider. Buyers must also set up a charging infrastructure, adding to the already higher up-front investment. But Volvo says customers should also count incentives including tax breaks and lower toll fees in some regions, cutting the lifetime cost of the vehicle. Moreover, batteries are rapidly becoming more powerful and more affordable, meaning ranges and potential applications will multiply in coming years.

In Europe, the U.S., and China, Volvo faces growing competition from rivals also working on rigs ranging from long-distance freight haulers to urban vans to stop-and-go workhorses such as garbage trucks.

StreetScooter, a German startup bought by Deutsche Post AG in 2014, developed a no-frills electric delivery van that turned into a surprise hit. Tesla in 2017 unveiled the Semi, a long-haul e-truck that can accelerate from zero to 60 miles in 20 seconds (production hasn't started yet). And BYD Co., the Chinese electric-vehicle maker backed by Warren Buffett, has a range of e-trucks on offer for freight delivery and waste management.

Daimler AG, the No. 1 globally in conventional heavy trucks, this year plans to show customers an electric version of its popular Mercedes-Benz Econic truck.

The new variant can be adapted for a variety of jobs -- starting with one for quieter and cleaner garbage collection in cities. The company will begin testing the truck next year and expects to start serial production in 2022.

Electric refuse trucks on the road or on the way in rising number of states



Electric collection vehicles, an increasingly common sight around the world, are on track to become more prevalent in the United States over the coming year than previously reported.

Truck manufacturers BYD and Lion Electric Company will be delivering new vehicles in multiple states. High-profile pilots from Mack are also underway in at least two states this year.

The companies touted big reductions in maintenance costs, along with the ability to drive progress toward corporate and government emissions reduction targets, as key factors. Still, charging

infrastructure and overall cost remain significant hurdles to overcome before the waste and recycling industry might see widespread adoption.

Despite those recognized hurdles, the session's presenters repeatedly highlighted electrification as the way of the future for fleets and passenger vehicles alike. Other sectors are further ahead in this area, but the waste industry's needs are particularly demanding according to panelists.

The agency has been eyeing alternative fleet technology for many years – including a more recent test with Chinese company BYD that didn't move ahead – and has decided against pursuing other options before due to infrastructure and cost factors. Compressed natural gas (CNG), biodiesel, dimethyl ether, hydrogen and other options have all been on the table at one time or another.

CNG in particular has caught on with the U.S. waste industry in recent years, but more and more signs point to the future being electric.

The Los Angeles Bureau of Sanitation recently pledged to make its whole fleet electric by 2035, following tests with various companies. Mack previously announced an LR pilot with Republic Services in North Carolina. Recology is now running two BYD trucks for commercial collection in Seattle following a previous test in San Francisco. GreenWaste is also running a BYD Generation 1 side-loader in Palo Alto, California and could convert its entire local fleet in the coming years.

BYD is considered ahead of the market due its multi-continent presence and battery expertise. The company has been testing refuse vehicles for years, including a past pilot with Casella Waste Systems in Maine, but until recently has largely focused on the West Coast. That's now changing, with a new location in the New York City metro area.



As of last fall, BYD had five of its first generation refuse models on the road in the U.S. and was working on the second generation. The company anticipates delivering new electric refuse vehicles to multiple new states throughout the country in the coming year, but declined to confirm where.



Lion8 sideloader refuse truck

Canada-based Lion is newer to the refuse market, but also has significant expansion plans. Lion8 Refuse trucks will be running in Alabama, California, Maine, New York, Washington and Montreal "by the end of 2020 or early 2021. This will include a mix of rear-loader, automated side loader and roll-off vehicles. White Plains, New York is the only publicly announced customer at this time.

One notable vehicle difference is the entire Lion8 truck body is electrified, meaning no heavy (or potentially leaky) hydraulic systems. While this feature does reduce range, Lion's trucks come with multiple batteries and charging options. The body is from Boivin Evolution, launched by the former owner of well-known manufacturer Labrie. Lion bills itself as an integrator, working with other companies to customize certain aspects of the vehicle for a "purpose built" truck.

The tone of the day was pro-electric, with multiple presenters speaking optimistically about its potential in a variety of industries.

"Twenty years from now it's going to be a very different landscape with respect to electric transportation," said Kyle Burak, director of energy storage at BYD.

Yet Burak and others recognized that some factors outside of their control could hinder that growth. Burak said he had seen scenarios where a truck was delivered within five months, but it took much longer for customers and utility companies to get the necessary charging infrastructure in place.

"The truck is going to show up and it's going to stay parked for another six months and that's not good for anybody," he said.

Lion echoed that concern, saying the company now waits to deliver vehicles if customers don't have the capability to charge them.

“Make sure that the energy companies are involved early in the conversation,” said Gary Lalonde, Lion's director of sales, who suggested the possibility for simpler options like adding a utility pole or substation versus running cables underground in some cases. Otherwise, he said, “it becomes a really nice paperweight that cost you a lot of money.”

For example, DSNY anticipates needing 480 volt charging capabilities and that currently only exists at a few of its 80 garages.

“The truck will probably get to where it needs to be, but then the infrastructure is going to pose a problem,” said DiRico, who estimated it could potentially be a \$100 million proposition to upgrade all facilities. Following a decision not to pursue CNG due to logistical factors, DiRico said “similar infrastructure issues exist with the electric [alternative] because of the power.”

While charging infrastructure may present a challenge for many service providers, some are uniquely well-positioned to deal with it. Portland's ecomaine, a nonprofit organization made up of member communities, already has access to 480 volt charging capabilities at its incinerator.

Factoring in the fuel savings for regular two-mile trips delivering ash to ecomaine's landfill, along with the occasional collection of roll-off containers, Roche estimates ecomaine could see the value of its energy output increase from 3 cents per kilowatt-hour to 18 cents.

DSNY anticipates applying for funding through the Congestion Mitigation and Air Quality Improvement Program – a common source for city projects – which covers 80% of the cost delta for new vehicles. DiRico roughly estimated each new truck may cost anywhere from \$500,000 to \$600,000, versus the current cost of around \$300,000 for diesel trucks, but he also foresees significant maintenance savings.

Lion's representatives have found maintenance costs can be reduced by at least 60% over diesel — a number that could actually be as high as 75% to 80% since expensive maintenance needs often arise later in a vehicle's lifespan and their electric trucks haven't been on the road that long yet.

Still, both Lion and BYD recognized cost remains a significant factor and they're well-versed in the limitations of current funding options. Among other things, the Volkswagen emissions settlement fund is starting to wind down and other new sources have yet to fully emerge. “We need to find a sustainable source for that,” said BYD's Burak.

As more service providers look to make this move, they'll also need to consider factors such as battery lifespans and range capabilities in varying climates, adding noise generators to alert the public and training drivers on how to maximize regenerative braking systems.

Still, while CNG isn't likely going to be supplanted as the alternative fuel source of choice for many in the industry just yet, and the status quo of diesel remains cheap, electric vehicles are clearly generating more interest within the waste industry heading into the new decade.

“I don't think anything is more on the cutting edge than the electrification of fleets,” said Roche.

Trudeau visits Lion Electric, calls electric vehicles 'economy of the future'



Lion Electric president Marc Bedard (left) discusses electric vehicles with Prime Minister Justin Trudeau and MP Stéphane Lauzon.

Prime Minister Justin Trudeau made a point of demonstrating his interest in electric vehicles, in a visit to Lion Electric's assembly plant in Saint-Jerome, Que., north of Montreal.

The visit is being described as a "courtesy call" by the company, which manufactures battery-electric school buses and Class 8 trucks.

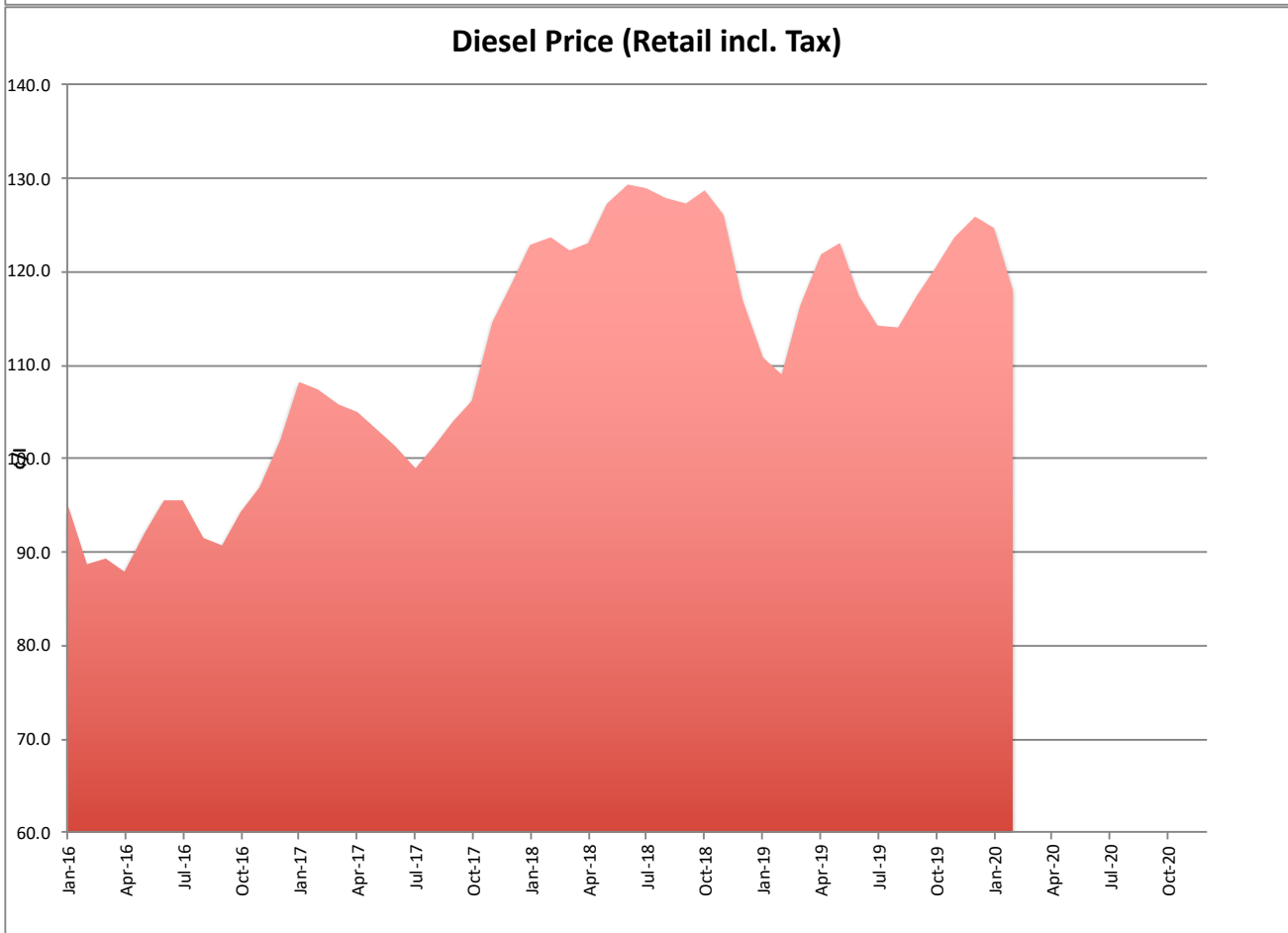
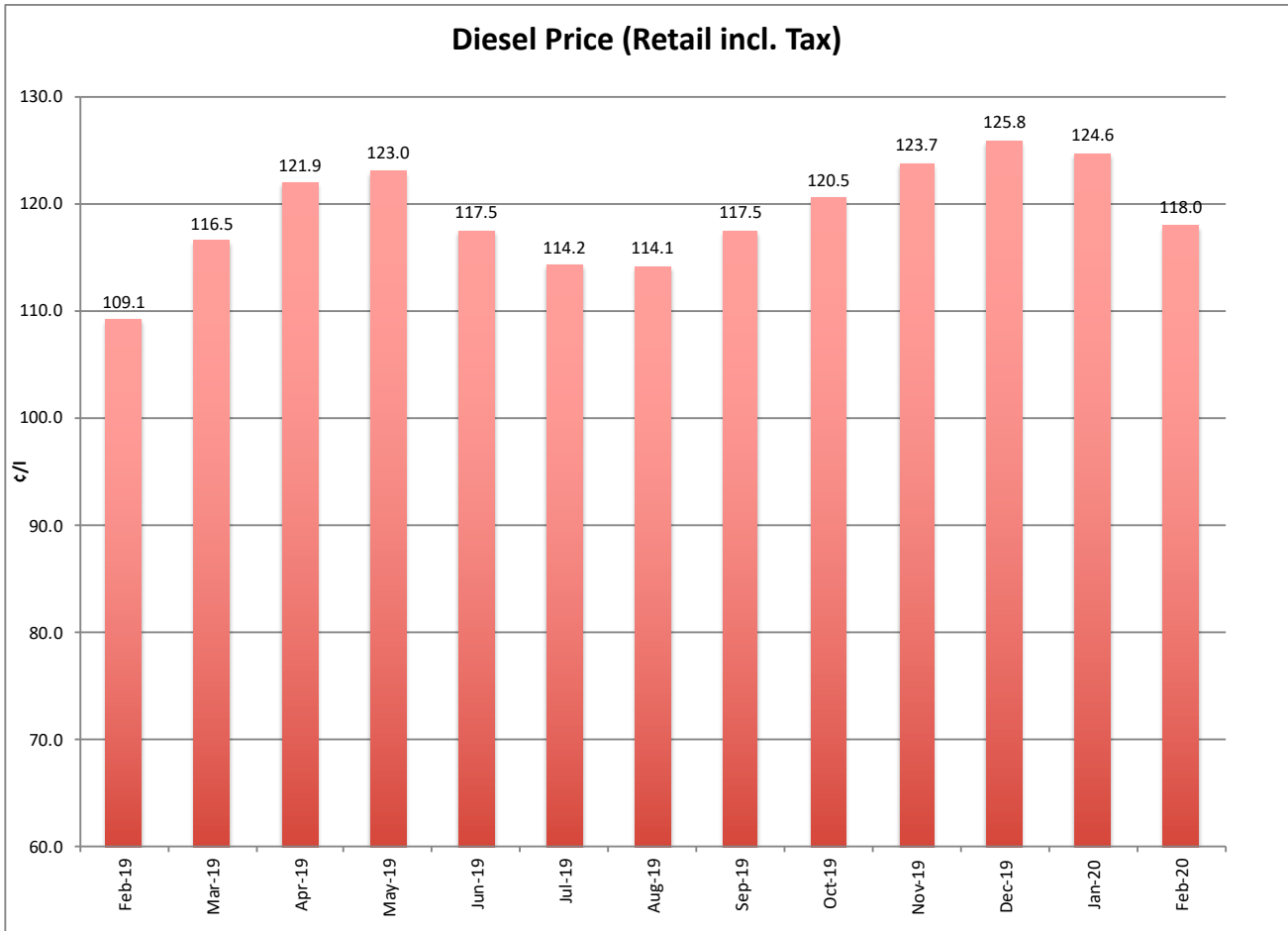
Trudeau met employees and senior management including Lion Electric president Marc Bedard.

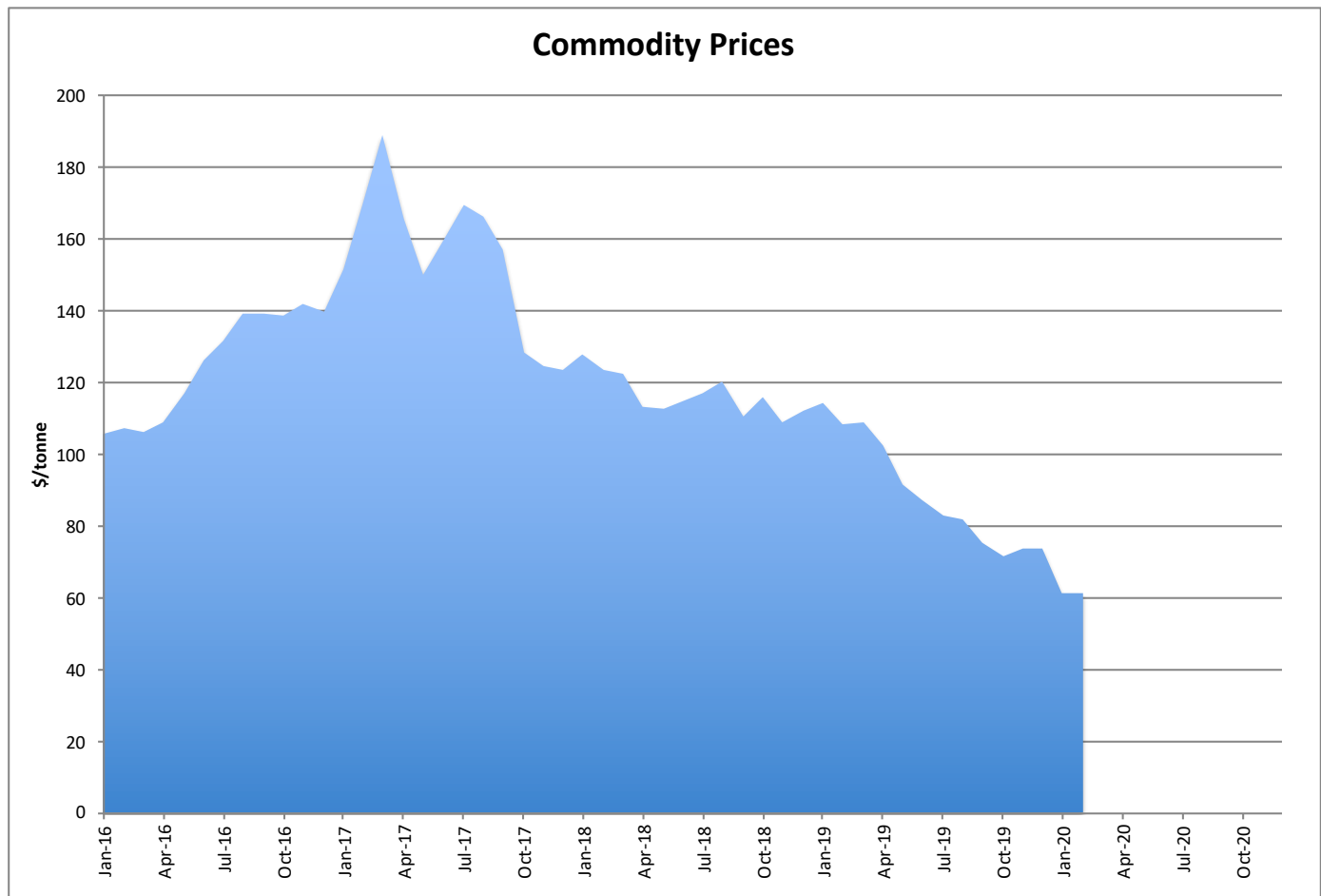
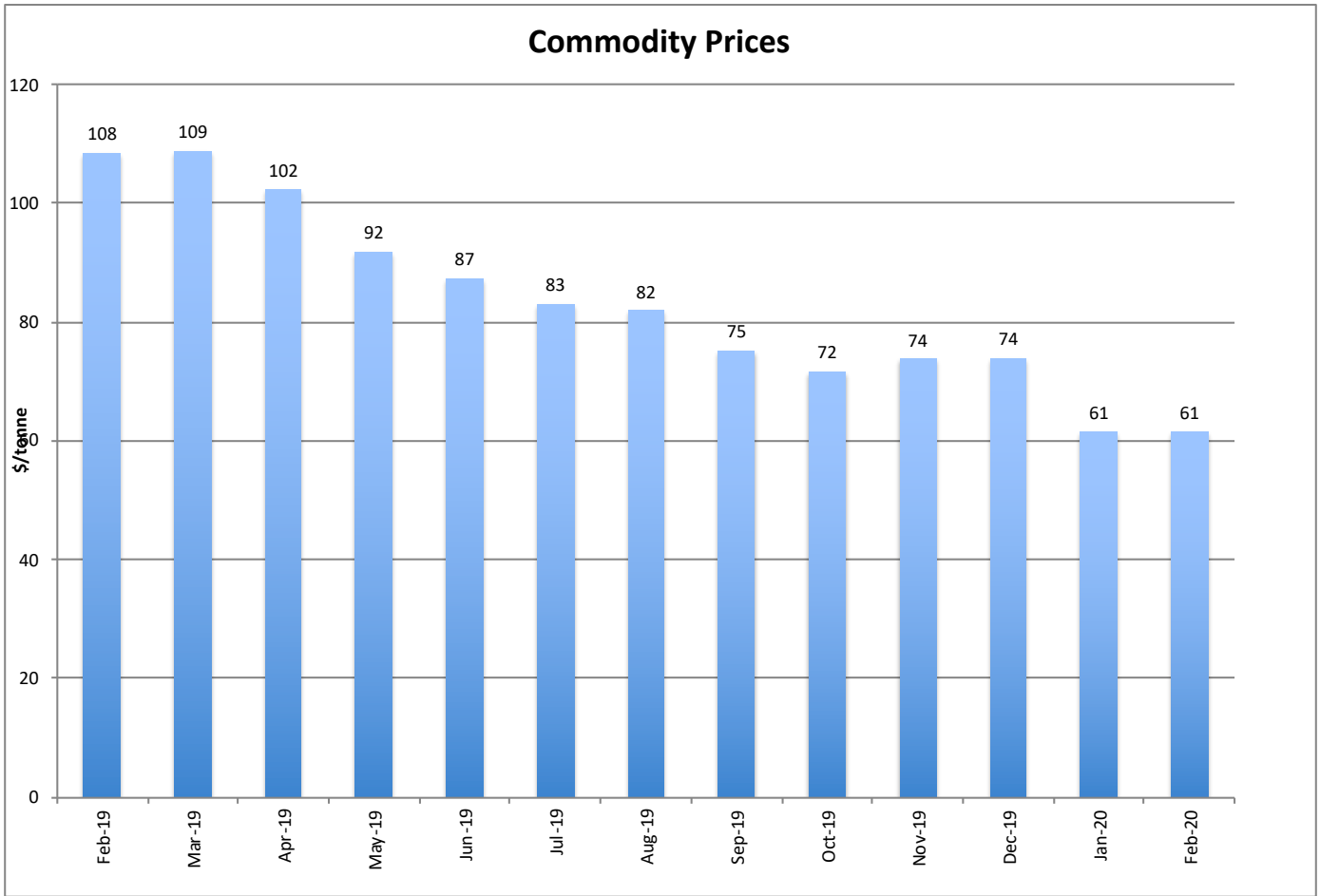
In 2018, the federal government invested \$50,000 in Lion Electric research and development activities. Trudeau said this kind of collaboration is part of a series of measures aimed at "achieving ambitious goals that will reduce our emissions, create good jobs and move faster towards a cleaner future."

In a brief speech, Trudeau highlighted the contributions of Canada and Quebec into electric vehicles, which he called "the economy of the future".

Two days earlier, the Prime Minister's Office announced that certain off-road electric trucks – particularly those used in the mining sector – would benefit from a zero-emission business tax write-off.

Businesses will be able to write off 100% of the related purchase prices on vehicles used before 2024. The support will drop to 75% in 2024, and 55% in 2025. Vehicles that won't be available until 2028 will not be eligible.







March 24, 2020

Municipality of West Nipissing
101-225, rue Holditch Street
Sturgeon Falls, ON P2B 1T1

Re: Support for Legislative Changes in Bill 132

Please be advised the Council of the Municipality of Chatham-Kent at its regular meeting held on March 23, 2020 considered the aforementioned topic and subsequent to discussion, the following was resolved:

Moved by Councillor Latimer, Seconded by Councillor Finn

That Council send a letter of support respect to the Municipality of West Nipissing's Council resolution to support AMO's position on the Legislative Changes in Bill 132 with respect to the *Aggregate Resources Act* and the *Safe Drinking Water Act*.

If you have any questions or comments, please contact Judy Smith at 519-360-1998 Ext # 3200.

Sincerely,

A handwritten signature in black ink, appearing to read "Judy Smith", is written over a light blue horizontal line.

Judy Smith, CMO
Director Municipal Governance
Clerk /Freedom of Information Coordinator



March 24, 2020

The Corporation of the Town of Bracebridge
1000 Taylor Court
Bracebridge ON P1L 1R6

Re: Support for Ban of Single-Use Disposable Wipes

Please be advised the Council of the Municipality of Chatham-Kent at its regular meeting held on March 23, 2020 considered the aforementioned topic and subsequent to discussion, the following was resolved:

Moved by Councillor Latimer, Seconded by Councillor Finn

That Council send a letter of support with respect to the Town of Bracebridge's Council resolution to support the ban of single-use disposable wipes.

If you have any questions or comments, please contact Judy Smith at 519-360-1998 Ext # 3200.

Sincerely,

A handwritten signature in black ink, appearing to read "Judy Smith", is written over a horizontal line.

Judy Smith, CMO
Director Municipal Governance
Clerk /Freedom of Information Coordinator

C

Right Honourable Prime Minister of Canada;
Honourable Premier of Ontario;
Minister of the Environment, Conservation and Parks;
Minister of Municipal Affairs and Housing;
Association of Municipalities of Ontario (AMO);
Local Members of Provincial Parliament;
All Municipalities in Ontario.

OFFICE OF THE MAYOR



CORPORATION OF THE
CITY OF SAULT STE. MARIE

March 13, 2020

The Honourable Doug Ford, Premier of Ontario
The Honourable Jeff Yurek, Minister of the Environment, Conservation and Parks
The Honourable John Yakabuski, Minister of Natural Resources and Forestry

Dear Premier Ford, Minister Yurek and Minister Yakabuski:

RE: Support for Conservation Authorities

You will find attached hereto a resolution passed by the Corporation of the City of Sault Ste. Marie City Council on March 9, 2020 regarding support for conservation authorities in Ontario.

We trust that this matter will receive the appropriate time and attention from your respective offices.

Yours truly,

A handwritten signature in black ink, appearing to read 'Christian C. Provenzano'. The signature is fluid and cursive, with a large initial 'C'.

Christian C. Provenzano, B.A., LL.B., LL.M

CC City Council
Association of Municipalities of Ontario
Conservation Ontario



CITY COUNCIL RESOLUTION

Agenda Number: 8.1
Title: Conservation Authorities
Date: Monday, March 9, 2020

Moved by: Councillor M. Bruni
Seconded by: Councillor R. Niro

Whereas the City of Sault Ste. Marie has been well served by the Sault Ste. Marie Region Conservation Authority; and

Whereas Sault Ste. Marie values the efforts of the Conservation Authority to monitor floods, to manage source water protection and to ensure the integrity of the watersheds within our municipality and conserve our natural environment; and

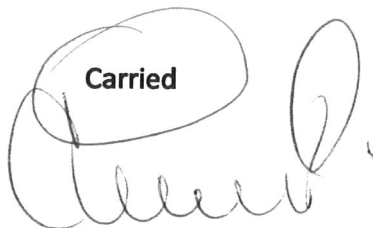
Whereas the Province of Ontario is currently reviewing the mandate and operations of Conservation Authorities; and

Whereas Conservation Authorities provide essential services to municipalities in their watersheds;

Now Therefore Be It Resolved that the Council of the City of Sault Ste. Marie encourages the Province to continue to support the principle of planning on a watershed basis in the ongoing review and prioritize the allocation of adequate funding to support the core mandate of conservation authorities while preventing any downloading of costs to municipalities;

Further that the Province of Ontario be requested to maintain and not diminish the core mandate of Conservation Authorities; and

That this resolution be forwarded to Premier Doug Ford, the Minister of the Environment, Conservation and Parks, the Minister of Natural Resources and Forestry, Conservation Ontario, the Association of Municipalities of Ontario and all Ontario municipalities.

Carried


Tied, Defeated

Defeated

Officially Read and Not Dealt With / Postponed



Clerk's Department

595 9th Avenue East, Owen Sound Ontario N4K 3E3
519-372-0219 x 1223 / 1-800-567-GREY / Fax: 519-376-8998

March 16, 2020

The Right Honourable Justin Trudeau
By email only: pm@pm.gc.ca

Dear Prime Minister:

Re: Grey County Council Resolution Supporting 100% Canadian Wines Excise Exemption

At the March 12, 2020 session of Grey County Committee of the Whole, resolution CW60-20 was passed by Grey County Council as follows:

Whereas, Canada's federal excise tax currently exempts 100% Canadian wines; and

Whereas, Australia has asked the World Trade Organization (WTO) to rule that this exemption is discriminatory; and

Whereas, if the WTO were to rule with Australia, Canadian wineries making 100% Canadian wine would no longer be exempt; and

Whereas, the present value of the excise exemption is \$39 million annually across Canada; and

Whereas, in the 13 years since this exemption was created, the production of 100% Canadian wine has increased by almost 30 million litres, representing an additional annual contribution of \$2.7 billion to the Canadian economy; and

Whereas, Grey County, specifically the municipalities of Meaford and Town of Blue Mountains, is home to a number of successful, award winning, boutique wineries;

Now Therefore, Be It Resolved That, the County of Grey supports the excise exemption for 100% Canadian wines; and

That, the County of Grey appeals to the Federal government to ensure the exemption remains in place by reaching an agreement

Page 2
March 16, 2020

with Australia prior to the WTO ruling; and

That, this motion be forwarded to: The Right Honourable Justin Trudeau, Prime Minister of Canada; The Honourable Andrew Scheer, Leader of the Official Opposition; Yves-François Blanchet, Leader of the Bloc Québécois; Jagmeet Singh, Leader of the New Democratic Party of Canada; Jo-Ann Roberts, Interim Leader of the Green Party of Canada; The Honourable Mary Ng, Minister of Small Business, Export Promotion, and International Trade; Alex Ruff, Member of Parliament for Bruce-Grey-Owen Sound; AMO Member Municipalities; FCM Member Municipalities; Vintner's Quality Alliance; Ontario Craft Wineries; Ontario Craft Cider Association; and

That this resolution be forwarded prior to County Council approval as per Section 25.6 of Procedural By-law 5003-18.

Yours truly,



Heather Morrison

Clerk

(519) 372-0219 x 1227

heather.morrison@grey.ca

www.grey.ca

/kn

cc.

The Honourable Andrew Scheer, Leader of the Official Opposition: Andrew.scheer@parl.gc.ca

Yves-François Blanchet, Leader of the Bloc Québécois: yves-francois.blachet@parl.gc.ca

Jagmeet Singh, Leader of the New Democratic Party of Canada: jagmeet.singh@parl.gc.ca

Jo-Ann Roberts, Interim Leader of the Green Party of Canada: leader@greenparty.ca

The Honourable Mary Ng, Minister of Small Business, Export Promotion, and International Trade: mary.ng@parl.gc.ca

Alex Ruff, Member of Parliament for Bruce-Grey-Owen Sound: alex.ruff@parl.gc.ca

AMO Member Municipalities

FCM Member Municipalities

Vintner's Quality Alliance: info@canadianvintners.com

Ontario Craft Wineries: info@winecouncilofontario.ca; info@ontariocraftwineries.ca

Ontario Craft Cider Association: info@ontariocraftcider.com



March 19, 2020

In This Issue

- COVID-19 update.
- Social Media in a Crisis webinar available free.
- AMO President's call for Blue Box resolutions.
- BEACON Digital Therapy - Innovative mental health care support.
- Cancellation Notice: OSUM 2020 Conference: *Spring Time in Paris*.
- AMO Conference planning responds to COVID-19.
- Showcase your products at the AMO Conference - August 2020.
- Only 1 session remaining in AMO's popular social media webinar series.
- LAS Blog: COVID-19 - What it Means for AMO and LAS.
- Facilities Maintenance Equipment webinar: Municipal Group Buying Program.
- Capital Purchasing webinar: Municipal Group Buying Program.
- ONE Investment - HISA rate update.
- MEPCO Board meeting update.
- County of Renfrew - Service Delivery Improvement Project RFP.
- Careers with Bruce County and Burlington.

COVID-19 Update

With a provincial emergency declaration in place and municipal governments taking appropriate local emergency action, AMO will continue to keep you informed on the municipal aspects of the COVID-19 pandemic. For the most up-to-date and accurate provincial COVID-19 information about coronavirus, the best source is the [Government of Ontario](#) site. AMO has put together a [one-stop COVID-19 page](#) with all the links and information you might need at this time.

AMO Matters

To support municipal communicators during the pandemic, AMO has made the recent one-hour Social Media Webinar, '[Social Media Use During a Crisis](#),' available to view for free via YouTube.

A reminder that for municipalities with Blue Box programs, AMO's President has called for resolutions on transition timing by June 30, 2020. Contact [Dave Gordon](#) or [Amber Crawford](#) if you require more information.

AMO is exploring partnerships to provide innovative ways of helping members support the mental health of their employees. [Join us on March 26 at noon for a webinar](#) where we will demonstrate how you can help your employees, and their dependents,

easily access effective mental health care through [BEACON](#).

Eye on Events

In response to the current COVID-19 situation, the OSUM 2020 Conference scheduled to have occurred in Brant County, April 29 - May 1 has been cancelled. The OSUM Executive is currently considering next steps. For all refunds please contact events@amo.on.ca.

OSUM, FONOM, and NOMA conferences are cancelled. Planning for the AMO conference in August continues. If it proceeds as planned, lessons learned from the COVID-19 pandemic will be a key topic of learning and discussion. Visit the [AMO website](#) for details and registration information.

Are you a municipal supplier or vendor? Do you have a product or service that would benefit the municipal sector? For AMO and municipal industry partners, this Conference is an unparalleled opportunity to make and solidify relationships with the municipal sector. Showcase your products or services at the AMO Conference in Ottawa, from August 16 - 19, 2020. [Reserve your booth today!](#)

As elected officials living in the spotlight, effective communication is essential! Designed to help you navigate social media effectively, these 1 hour lunch & learn workshops provide the tactics to promote good news, manage issues professionally, and leverage traditional and social media. [Register now](#) for the last webinar on April 1.

LAS

Las Blog: AMO and LAS are adapting to ensure our work can continue as Ontario faces COVID-19. [Click here to learn](#) what this means for the normal operations of AMO and LAS.

[Register for our Facilities Maintenance webinar](#) to be held March 25 at 10am. Join us to learn how Grainger can supply for your building maintenance, repair and operations needs. Just one of the many categories under the popular [Capital Purchasing offering!](#)

Webinar April 8 @ 10am - All products under our [Capital Purchasing offering](#) are procured through Sourcewell, North America's trusted leader in municipal cooperative procurement. Find out about their processes and how your municipality can take advantage of national contracts on hundreds of pre-qualified products. [Register today.](#)

ONE Investment

HISA Rate Update: Due to the Bank of Canada's second interest rate cut in the month of March in response to the coronavirus, the Bank has reduced Prime Rate to 2.95%. New effective rate for HISA is 1.415% (based on Bank Prime Rate less 1.535%) as of March 17, 2020. For more information, [click here](#).

Municipal Employer Pension Centre of Ontario (MEPCO)

The MEPCO Board met this week and the [newsletter is available now](#). It includes details of two plan changes being considered by OMERS, as well as highlights from the meeting.

Municipal Wire

[Request for Proposals](#) are being accepted by the County of Renfrew for the services of a qualified consultant to undertake a comprehensive review of its services and organization. Submission deadline: 12:00 p.m. EST, April 9, 2020.

Careers

[Corporate Communications Specialist - County of Bruce](#). Reports to: Chief Administrative Officer. Applicants should review the entire job posting, and then apply online at [County of Bruce](#), following the outlined process. Deadline for applications is 12:00 midnight on Sunday, March 29, 2020.

[Corporate Fleet Business Improvement Specialist - City of Burlington](#). Employment Status: Contact position (8 months). Department: Roads, Parks and Forestry. Reports to: Manager, Fleet Services & Operations Centre. Posting closes: April 1, 2020. To apply, please visit [Burlington Career Opportunities](#) and click on "View Jobs". Please note applications are only accepted online.

About AMO

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AMO Contacts

[AMO Watch File](#) Tel: 416.971.9856

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[LAS Local Authority Services](#)

[MEPCO Municipal Employer Pension Centre of Ontario](#)

[ONE Investment](#)

[Media Inquiries](#) Tel: 416.729.5425

[Municipal Wire, Career/Employment and Council Resolution Distributions](#)

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Please consider the environment before printing this.

Association of Municipalities of Ontario
200 University Ave. Suite 801, Toronto ON Canada M5H 3C6
To unsubscribe, please [click here](#)



March 26, 2020

In This Issue

- COVID-19 related proceeding suspensions.
- COVID-19 resources.
- AMO Podcast: Discussing meetings with electronic attendance.
- AMO Podcast: Communication guide for councils.
- AMO Virtual Panel: Guidance for electronic meetings.
- New AMO COVID-19 resource available.
- Main Street Revitalization Initiative project extensions and final report.
- Register for Blue Box Program update webinar - April 8.
- BEACON Digital Therapy - Innovative mental health care support.
- OSUM Annual Conference update.
- 2020 AMO Conference.
- Cancellation deadline extended for exhibitors to July 6 in response to Covid-19.
- Municipal Group Buying Program webinar: Capital Purchasing.
- Municipal Group Buying Program webinar: Procurement.
- ONE Investment - HISA rate update.

COVID-19 Update

Under EMCPA, the Information and Privacy Commissioner (IPC) has frozen all proceedings; the Local Planning Appeal Tribunal (LPAT) will not have hearings until June 30th and all proceedings have been suspended. AMO's COVID-19 resource page will be adding other proceeding suspensions as they become known.

AMO COVID-19 Resources

AMO's COVID-19 Resources page is being updated continually so you can find critical information in one place. Please send any of your municipally related pandemic questions to covid19@amo.on.ca.

Building on AMO's Meeting Guidance for Heads of Councils; AMO's Executive Director, Brian Rosborough sits down with municipal experts to dig deeper into how to prepare for and manage electronic meetings.

AMO's Executive Director Brian Rosborough speaks with Brian Lambie, President of Redbrick Communications. AMO worked with Brian Lambie to create a Communication Guide for Councils to assist in their response to COVID-19.

Join AMO's municipal expert virtual Question Box Panel on Friday, March, 27 from

2:00 - 3:00 pm (Eastern time) to discuss experiences and everything you need to consider in planning for and hosting virtual council meetings.

Redbrick Communications and AMO are compiling COVID-19 infographics for municipalities. Visit AMO's [COVID-19 Resources webpage](#) to download.

AMO Matters

In response to COVID-19 challenges, AMO may be able to provide [project extensions](#) to MSRI-funded projects, if requested. If your projects are complete, please submit the final report by May 15, 2020. Contact [Adam Garcia](#) with questions.

[Register today](#) for an AMO Webinar Update on the Blue Box Program, Wednesday, April 8 from 2:00 - 3:30 pm. For more information, contact [Amber Crawford](#).

AMO is exploring partnerships to provide innovative ways of helping members support the mental health of their employees. [Join us on March 26 at noon for a webinar](#) where we will demonstrate how you can help your employees, and their dependents, easily access effective mental health care through [BEACON](#).

Eye on Events

The OSUM Executive is pleased to announce that the this year's OSUM Conference has been moved to 2021 and will be held in Brant County. OSUM 2020 - *Springtime in Paris* - was cancelled due to COVID-19. Refunds for this year's event are being processed. Contact events@amo.on.ca.

AMO is monitoring all developments with COVID-19 and will be advising members of new developments if and when they emerge. Please contact [Poonam Ruparelia](#) with questions. Visit the AMO [website](#) for updates, details and registration information.

Recognizing how quickly things are changing in the environment of COVID-19, and in appreciation of our valued exhibitors, AMO is extending the cancellation deadline for exhibitors. We are committed to taking every step necessary to ensure the health and safety of those attending our conference. Exhibitor information can be [found here](#).

LAS

Webinar April 8 @ 10am - [Capital Purchasing](#) using Sourcewell is part of the [Municipal Group Buying Program](#). This offering lets municipalities access everything from heavy equipment to fire trucks to auction services. Join us to learn how this offering works on some of your biggest purchases. [Register today](#).

Webinar April 22 @ 10am - Cooperative purchasing greatly benefits municipalities, but staff need to be confident they are getting the best value for tax dollars. Join us for an in-depth conversation on the procurement processes that make up our [Municipal Group Buying Program](#). [Register here](#).

ONE Investment

HISA Rate Update: Due to the Bank of Canada's second interest rate cut in the month of March in response to the coronavirus, the Bank has reduced Prime Rate to 2.95%. New effective rate for HISA is 1.415% (based on Bank Prime Rate less 1.535%) as of March 17, 2020. For more information, [click here](#).

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April 2, 2020

In This Issue

- COVID-19 resources.
- AMO communications and virtual attendance at council meetings webinars.
- Remote electronic meetings.
- Peter J. Marshall Municipal Innovation Award - Accepting submissions until May 1.
- Reminder to register for Blue Box Program webinar - April 8.
- Notarius electronic signatures: Business 5 promotion.
- Extension of *Aggregate Resources Act* posting on Environmental Registry.
- 2020 AMO Conference.
- Cancellation deadline extended for exhibitors to July 6 in response to COVID-19.
- OSUM Annual Conference update.
- ONE Investment: New website and HISA rate update.
- An easy way to reduce facility operating costs.
- Who wants to go on an Energy Treasure Hunt?
- This week's LAS Blog: The Pollinators - A Superhero Story.
- Municipal Group Buying Program webinar: Capital Purchasing & Sourcewell.
- Municipal Group Buying Program webinar: Procurement.
- Career with City of Brantford.

AMO COVID-19 Resources

AMO's [COVID-19 Resources page](#) is being updated continually so you can find critical information in one place. Please send any of your municipally related pandemic questions to covid19@amo.on.ca.

Over the last few weeks, AMO has been hosting webinars to support members in communications during COVID-19, and guidance for council meetings with electronic attendance. These are now available on AMO's [COVID-19 Resources page](#) under the AMO Podcasts and Webinars tab.

AMO Matters

Municipal Act and the *City of Toronto Act* amendments now permit councils, council committees, and local boards to meet virtually during a municipal or provincial emergency. [Learn how AMO's digital meeting management partner, eSCRIBE](#), can help your municipality implement electronic meetings so that elected officials and staff can meet virtually and interact through the platform.

If your municipality has an innovative approach to service delivery and partnerships that have improved capital and/or operating efficiency, submit your Peter J. Marshall Municipal Innovation Award entry by May 1 for committee review.

Register today for an AMO Webinar Update on the Blue Box Program, Wednesday, April 8 from 2:00 - 3:30 pm. For more information, contact Amber Crawford.

As COVID-19 impacts ways of working, Notarius' electronic signatures are helping municipalities ensure business continuity and work remotely efficiently. AMO members can try the Business 5 version of their e-signature platform ConsignO Cloud free for 60 days. This includes 5 users, unlimited signature projects and signers. Contact Marc St-Jacques for details.

Provincial Matters

The consultation period for MNR's Regulatory Proposal entitled *Proposed amendments to O. Reg. 244/97 and the Aggregate Resources of Ontario Provincial Standards under the Aggregate Resources Act* on the Environmental Registry, number 019-1303, has been extended from March 30 to **May 15, 2020**.

Eye on Events

AMO monitors all COVID-19 developments and will advise members of changes to the Annual Conference as they emerge. Please contact Poonam Ruparelia with questions. Visit the AMO website for updates, details and registration information.

Recognizing how quickly things are changing in the environment of COVID-19, and in appreciation of our valued exhibitors, AMO is extending the exhibitor cancellation deadline. We are committed to taking every step necessary to ensure the health and safety of those attending our conference. Exhibitor information can be found here.

The OSUM Executive is pleased to announce that the this year's OSUM Conference has been moved to 2021 and will be held in Brant County. OSUM 2020 - *Springtime in Paris* - was cancelled due to COVID-19. Refunds for this year's event are being processed. Contact events@amo.on.ca.

ONE Investment

Access our brand new website with the latest information! HISA Rate Update: The Bank of Canada has made a third emergency interest rate cut in response to COVID-19 hit on the economy that has reduced the Bank Prime Rate to 2.45%. New effective rate for HISA is 0.915% (based on Bank Prime Rate less 1.535%) as of March 30, 2020.

LAS

Did you know that since 2015, LAS has helped municipalities to save over **\$300,000** in energy/maintenance cost savings? Take advantage of our turn-key Facility Lighting Service to upgrade your old light fixtures to LED. Contact Christian Tham today for a

free proposal.

Energy treasure hunts are just one of the favorite things about our custom [Energy Training Workshops](#). And all workshops qualify for up to 75% SaveONenergy incentives. Don't wait - book your 2020 workshop with LAS and Stephen Dixon today. Contact [Christian Tham](#) for more details.

Spring is here! Pollinators are the hidden heroes who keep our gardens green and our grocery store full. Check out the [LAS Blog](#) to learn more about pollinators, and find out how your municipality can be a welcoming host to these tiny superheroes.

Webinar April 8 @ 10am - The [Capital Purchasing](#) offering through our [Municipal Group Buying Program](#) uses Sourcewell for products - from tractors and fire trucks to rentals and facility equipment. Join us to learn more about Sourcewell, their processes and how this offering works. [Register here](#).

Webinar April 22 @ 10am –The [Municipal Group Buying Program](#) started in Alberta and has been adopted for municipalities by their Associations nationwide. Join LAS and RMA for a deep dive on the procurement and set up of a wide range of offerings in this program. [Register here](#).

Careers

[Director of Information Technology Services - City of Brantford](#). Job ID# 1036. Reports to: General Manager, Corporate Services/City Treasurer. To apply online, please visit [City of Brantford Careers](#) and click on Current Opportunities. Closing date for applications: Thursday, April 23, 2020, at 4:30 p.m.

About AMO

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Memo

To: Mayor and Council
From: Kathryn Langendyk, Treasurer
Subject: Public Sector Salary Disclosure
Date: April 7, 2020

Background:

Introduction

Each year, since the Public Sector Salary Disclosure Act was passed in 1996, the Ontario Government has published a compendium on public sector employees who were paid a salary of \$100,000 or more. Organizations that receive public funding from the Province of Ontario are required to disclose the names, positions, salaries and taxable benefits of these employees. The purpose of this law is to provide a more open and accountable system of government. It lets taxpayers compare the performance of an organization with the compensation given to the people running it. People paid \$100,000 or more a year are usually the senior employees in an organization. It also provides taxpayers with more details on how their tax dollars are spent.

Public Sector salaries disclosed

The Act covers county and other local governments, universities and colleges, school boards, hospitals, and Crown agencies such as Ontario Place. It also applies to Provincial Government ministries and members of the Assembly. Other non-profit organizations that receive a large share of their funding from the provincial government are covered as well. To determine if an organization is covered by the Act, contact the organization or the Ministry that funds it.

Compliance

All organizations that are covered by this Act must prepare a list each year of the employees who were paid \$100,000 or more the year before, with their names, positions, salaries and the value of their taxable benefits. Each organization must make the list available on their premises, in a place where any member of the public can easily see and review it. The list must be available for inspection without charge between March 31 and December 31 of the year it is disclosed.

Analysis:

The report was submitted by the deadline of March 6, 2020.
The Township of Lucan Biddulph reported the following for 2019:
Ronald Reymer, Chief Administrative Officer and Clerk
Salary Paid \$119,881.02
Taxable Benefits \$783.04

Recommendation:

For information purposes only.

Kathryn Langendyk

Kathryn Langendyk
Treasurer



Memo

To: Mayor and Council
From: Kathryn Langendyk, Treasurer
Subject: Financial Impact Re: Delay Water/Sewer Rate Increase
Date: April 7, 2020

Background & Analysis

On March 3, 2020, Council approved a 4% increase to water and sewer usage rates and the capital levy charge for each; effective January 1, 2020.

At the March 31, 2020 special Council meeting, Council discussed and approved to defer the scheduled increase until at least June 30th, 2020.

Therefore, the April water/sewer billings were generated using the 2019 rates.

The difference in revenue between the 2019 and 2020 rates was calculated to be:

Water Capital \$2,608.46
Water Usage \$1,860.56
Sewer Capital \$3,246.34
Sewer Usage \$1,415.96

Impact to Budget:

Total lost revenue for 2020 in the water budget of \$4,469.02
Total lost revenue for 2020 in the sewer budget of \$4,662.30

Overall a total of \$9,131.32 of lost revenue for 2020.

Recommendation:

For information purposes only.

Kathryn Langendyk

Kathryn Langendyk
Treasurer

Memo

To: Mayor and Council
From: Public Works Manager, Jeff Little
Subject: Frank Street Budget update
Date: April 7, 2020

BACKGROUND:

Frank Street was purposed to be rebuilt as per the Asset Management Plan. The plan included the road, the sanitary sewer and the watermain as all part of the rebuild. The infrastructure on the Township property that runs between William Street and Frank Street is included in this project. Engineering has been completed by Dillon. The next step in the process will be to go to tender. Projects of this size and complexity should be engineered and then priced to form budgets. However, a budget was set using the AMP cost estimates.

Taking into consideration the Covid-19 issue, there is concern of cost estimates of the AMP being low and no data on storm sewers or the scope of work involved on the property that runs between William and Frank Streets. I have asked Dillon Consulting to update cost estimates after completing the engineering.

DISCUSSION:

Dillon Consulting, after reviewing the engineering for Frank Street, have determined a number of items that need to be added to the project scope as follows:

- Sidewalk/curb replacement (\$96,000) and storm water work (\$36,000).
- Due to depth and location of utilities the sidewalk and curb will need to be replaced.
- Storm water work to stop flooding behind the post office/museum area was not accounted for.
- Work at the Donnelly Museum easement site requires an increase in pavement replacement originally not planned for.
- The easement that is off of William St requires legal work.
- A temporary by-pass watermain will have to be used during construction due to design factors.

Dillon has supplied updated costs related to contingency, testing and contract management if we go ahead with the project.

| | Budgeted Estimates | Post Engineering Estimates |
|-------------|--------------------|----------------------------|
| Road | \$130,000 | \$295,000 |
| Water | \$170,000 | \$220,000 |
| Wastewater | \$240,000 | \$272,000 |
| Storm water | 0 | \$36,000 |
| Total | \$540,000 | \$823,000 |

All figures include a break down of legal, engineering and a contingency cost.

The hot mix paving tender is going to be going out very shortly. There is indication that the Hot Mix tender will come back under budget creating a surplus.

FINANCIAL IMPACT:

There is a shortfall of \$201,000 in the current approved construction capital budget. There will be \$34,439 needed from the water capital reserve fund to cover the increase in water based costs. The waste water capital levy budget surplus will decrease by \$32,000 to a surplus of \$38,381.

RECOMMENDATION:

That council direct staff to put a hold on the sidewalk replacement capital budget of \$70,000.

That council approve staff to tender the project.

Jeff Little

Jeff Little, Manager of Public Works

Memo

To: Mayor and Council
From: Public Works Manager, Jeff Little
Subject: Quarterly Public Works Update
Date: April 2, 2020

DISCUSSION:

Water

1. Operators are to work isolated.
2. The Township has sent an application to the Ministry for Pandemic Relief for lead testing.

Wastewater

1. Headworks Replacement. Funding is pushed back to May.
2. Expansion. Meeting with BM Ross this week for an update on the time line.

Roads

1. Road maintenance moving forward.
2. Sweeping complete.
3. Parking markings on Main St to be painted.
4. The Flower program will not start until at least May.

Drainage

- 1.
2. Roman Line Drain 90% complete
3. Stumpf Drain. We are asking for quotes. The tender came back too high to continue.
4. Three large drain projects have been engineered and are on hold until public meetings can resume.

Construction Projects

1. Signal Lights. Comments are still going back and forth. There is optimism that approval will happen at any time. Construction at this point will be September.

FINANCIAL IMPACT:

Items are covered by the existing budget.

Jeff Little

Jeff Little, Manager of Public Works

Memo

To: Mayor and Council
From: Parks and Recreation Manager, Paul Smith
Subject: Short term soccer field strategy
Date: March 17, 2020

BACKGROUND:

With the potential loss of use for field three in 2021, Staff has been working with the Lucan Soccer association to develop a short term plan to address their current needs.

DISCUSSION:

A reconfiguration plan has been proposed behind the Community Centre that the Soccer Association has identified would be able to sustain their needs for 8-10 years. This would provide time for a long term solution to be developed and funds raised to acquire and develop a larger complex at a later date.

The discussion and concern for the short term plan are that development and acquisition of a new location would leave the soccer association unable to operate for the next few seasons.

Surrounding areas have been explored as well as locations already owned by the Township. These areas would be unable to accommodate a larger field but may be able to accommodate smaller fields.

By reconfiguring the old horse track, addressing drainage and doing the groundwork to widen fields 1 and 2, this would also allow space for a third large size field. Having three large fields would allow soccer to also play across with portable nets which would then allow for 6 smaller fields. There is also the potential to develop one smaller field in Granton. The Soccer association believes this should get them 8-10 years based upon their growth, and feel this could be accomplished in time for the 2021 season.

Three companies provided advice and an estimate of \$150,000 was given. This estimate is based upon the ability to access existing fill and topsoil already present in the Township due to development, which would then be amended with sand. This pricing includes drainage, soil amending, creating a new field and groundwork associated to expand the existing field. Drainage tile would be installed under the new field and some issues addressed for existing fields tying into the existing drain near the community gardens.

If soil is not available a rough estimate of \$75,000 would be added to the price.

Senior staff has recommended utilizing Dillon Consulting Ltd to develop site and grading plans and development of tender. This recommendation is for efficiency as Dillon Consulting is facilitating the same work for the neighboring proposed development, and would be able to co-ordinate both sites simultaneously as to not have adverse effect either property

FINANCIAL IMPACT:

\$120,000 capital budget has been dedicated already for soccer field improvements an additional \$30,000 would be required based upon estimate to complete this project as well as consulting fees.

Alignment with Parks and Recreation Master Plan:

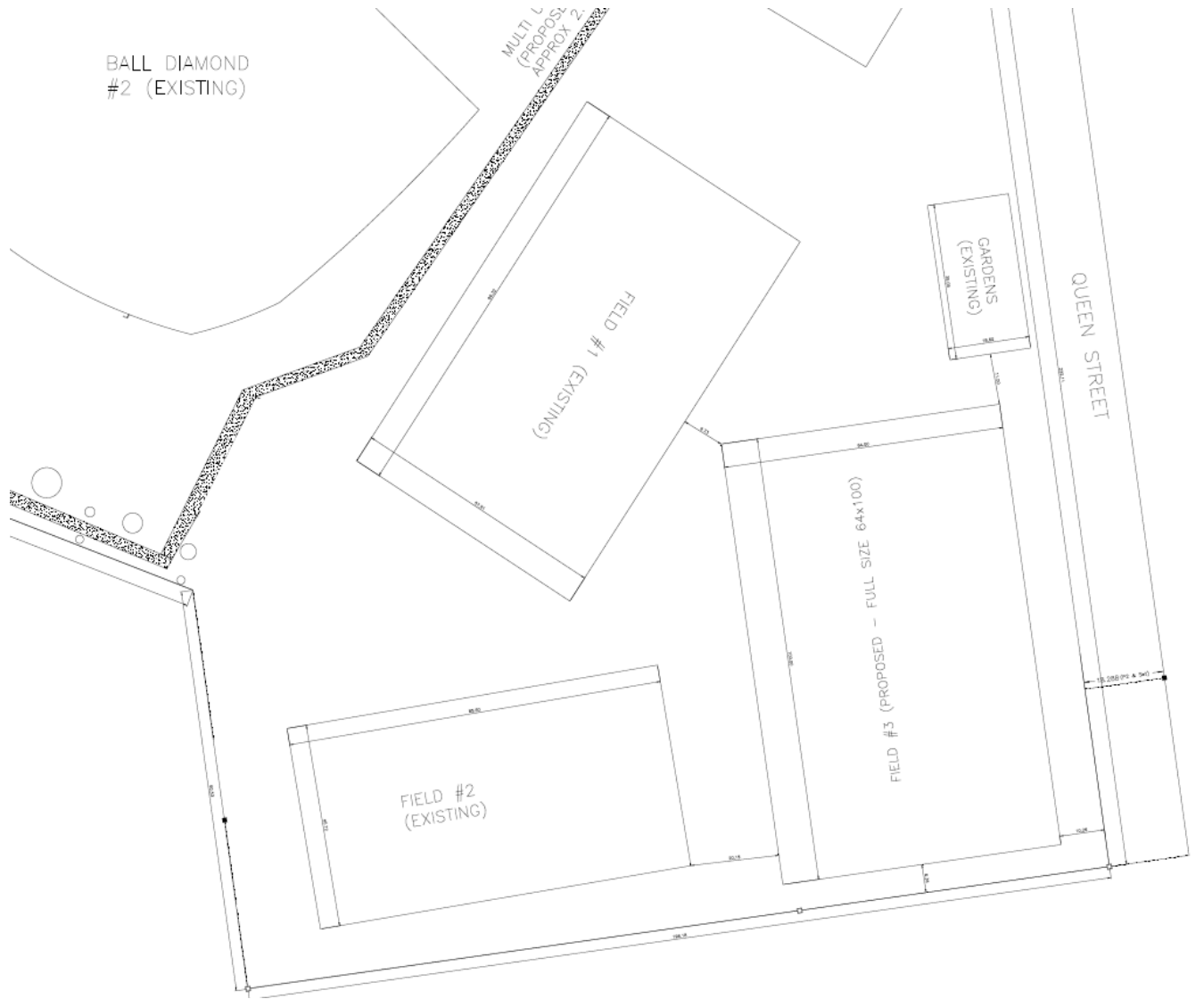
Improvements to existing sports fields, and development of new soccer fields is mentioned in the second key finding of the executive summary of the Parks and Recreation Master Plan.

RECOMMENDATION:

Council direct staff to proceed with Dillon Consulting Ltd to develop site and grading plans as well as develop Tender documentation for submission.

Paul Smith

Paul Smith, Manager of Parks and Recreation



Proposed concept.

TOWNSHIP OF LUCAN BIDDULPH RESOLUTION

DATE: April 7, 2020

RESOLUTION NO. _____

MOVED BY: _____

SECONDED BY: _____

RESOLVED:

That the regular council meeting minutes of March 17, 2020 and special council meeting minutes of March 31, 2020 be approved as circulated/amended.

RESOLUTION CARRIED

MAYOR

TOWNSHIP OF LUCAN BIDDULPH RESOLUTION

DATE: April 7, 2020

RESOLUTION NO. _____

MOVED BY: _____

SECONDED BY: _____

RESOLVED:

That if no one cares to speak to these By-laws on their First, Second and Third Reading, that they be considered to have been read a First time and Passed, read a Second time and Passed, read a Third time and Passed, that they be numbered:

- 13-2020 Road Assumption By-law (Ridge Crossing Phase 1B)
- 14-2020 Fees By-law
- 15-2020 Confirming By-law

RESOLUTION CARRIED

MAYOR

**TOWNSHIP OF LUCAN BIDDULPH
RESOLUTION**

DATE: April 7, 2020

RESOLUTION NO. _____

MOVED BY: _____

SECONDED BY: _____

RESOLVED:

That the Council meeting be adjourned at _____ p.m.

RESOLUTION CARRIED

MAYOR

Township of Lucan Biddulph

BY-LAW NO. 13-2020

Being a By-law to accept and assume ownership of the work on
Registered Plan 33M-704 (Ridge Crossing Subdivision Phase 1B– Lucan)

WHEREAS the Township of Lucan Biddulph (hereinafter referred to as “Township”) entered into a Subdivision Agreement, January 18, 2016 and subsequently registered on title as ER1026666 on February 3, 2016 (hereafter referred to as the “Subdivision Agreement”) with 2219260 Ontario Inc. (hereinafter referred to as the “Subdivider”) in respect of Registered Plan 33M-704;

AND WHEREAS pursuant to the Subdivision Agreement, the Subdivider agreed to construct and install certain underground and surface Works as shown on the Plan of Subdivision;

AND WHEREAS the Works and other financial obligations of the Subdivider pursuant to the above mentioned Subdivision Agreement have been completed and satisfied in full;

AND WHEREAS the Township Engineer has issued the Certificate of Final Acceptance and has recommended the Township assume ownership of the Works;

AND WHEREAS the said Subdivision Agreement requires the Council, upon the completion of the works of the Subdivision Agreement to accept and assume ownership of the Works;

AND WHEREAS it is deemed to be desirable by the Township to assume the Works set forth in the Subdivision Agreement;

NOW THEREFORE THE COUNCIL OF THE CORPORATION OF THE TOWNSHIP OF LUCAN BIDDULPH hereby enacts as follows

1. THAT the Works shown on the Plan of Subdivision for Ridge Crossing Subdivision - Phase 1B, Lucan, Registered Plan 33M-704 are hereby accepted and assumed by the Township.
2. THAT the Mayor and Clerk be authorized to release any monies of performance securities held on deposit by the Township with respect to Ridge Crossing Subdivision – Phase 1B, Lucan, Registered Plan 33M-704.
3. THAT this By-law shall come into force and take effect upon the final passing thereof.

Read a FIRST, SECOND and THIRD time and FINALLY PASSED on April 7, 2020.

MAYOR

CLERK

Township of Lucan Biddulph

BY-LAW NO. 14-2020

Being a by-law to establish Tariff Rates and Fees for the Township of Lucan Biddulph

WHEREAS pursuant to Part XII of the Municipal Act, 2001 a municipality may pass by-laws imposing fees and charges;

AND WHEREAS pursuant to the Planning Act, R.S.O. 1990, c. P.13 a municipality may establish fees for the processing of applications;

AND WHEREAS the Council of the Township of Lucan Biddulph deems it expedient and desirable to set user fees and charges for services as provided by the Township;

AND WHEREAS the Township has given notice of its intent to establish user fees and charges as required by Regulation.

NOW THEREFORE BE IT ENACTED THAT the Council of the Township of Lucan Biddulph establishes the fees and charges as set out in the attached as follows:

1. Schedule 'A' shall be the fees and charges imposed pursuant to Section 391 and 392 of the Municipal Act, S.O. 2001, c.25 and Section 7 of the Building Code Act, S.O. 1992, c. 23. Schedule 'A' shall be the fees and charges imposed pursuant to Sections 42(6), 53(13) and 69(1) of the Planning Act, R.S.O. 1990, c. P.13.
2. The fees and charges established by this by-law shall be due and payable in full without discount by cheque or cash at the time of submitting an application or prior to the request for service.
3. Fees or charges imposed by this by-law that are unpaid as required by this by-law are subject to an additional penalty charge calculated at 1-1/4% per month or any part thereof.

That By-law No. 69-2019 and any other by-law and resolution that are inconsistent with the provisions of this by-law are hereby repealed.

This by-law shall come in force and take effect on April 7, 2020.

Read a FIRST, SECOND and THIRD TIME and FINALLY PASSED on this 7th day of April, 2020.

MAYOR

CLERK

Schedule "A" to By-law No. 14-2020

| Item | Description | Fee/Charge |
|---------------------------|---|------------------------|
| Administration | | |
| | Penalty on outstanding taxes | 1.25%/month |
| | Interest on special charges | 1.25%/month |
| | Interest on accounts receivable | 1.25%/month |
| | Interest on Arena receivables | 1.25%/month |
| | Tax/Water Certificate | \$50.00 |
| | Zoning/Work Orders Certificate | \$75.00 |
| | Photocopying | \$0.25 |
| | NSF cheque return | \$30.00 |
| | Commissioner of Oath | \$10.00 |
| | Marriage Licence | \$125.00 |
| | Burial Permit Issuance | \$13.00 |
| | Tax Registration | All Direct Costs + 10% |
| | New Tax Account/Name Change | \$25.00 |
| | Late Tax Statement | \$5.00 |
| | New Water Account/Name Change | \$25.00 |
| | Late Water Statement | \$5.00 |
| | Lottery Licence | \$30.00 |
| | Township Pin | \$3.00 |
| | County map | \$3.00 |
| | Biddulph history book | \$25.00 |
| | Municipal flag | \$90.00 |
| Animal Control | | |
| Dog Tags | First dog | \$20.00 |
| | Second dog | \$30.00 |
| | \$40.00 for the third dog and each dog thereafter, where applicable; | \$40.00 |
| | Kennel Licence | \$100 |
| | Replacement of lost tag | \$5 |
| | Penalties – see Animal Control By-law | |
| By-law Enforcement | | |
| | Appeal to Property Standards Committee | \$200.00 |
| | Municipal Concurrence Report – Telecommunications Towers | \$300.00 |
| | Follow up By-law Enforcement Inspections Finding Continued Non-compliance | \$100.00 |
| | Request for Council Resolution to Support Applications to the Ontario Power Authority | \$150.00 |
| | Non-Compliance Fee visit | \$100.00 |

| | | |
|----------------------------------|---|---|
| Building | Occupancies as per OBC Group C – Residential Group A – Assembly Occupancy (churches, arenas, theatres etc.) Group B – Care & Detention Occupancy (jails, hospitals) Group D – Business & Personal Occupancy (banks etc.) Group E – Mercantile Occupancy Group F – Industrial Occupancy Farm Building | |
| Group C | Low Density Residential (sfd) | \$1,125/dwelling unit up to 1500ft ² \$0.66 for buildings with a floor area over 1500ft ² Minimum fee: \$1125 |
| | Multiple Residential (apt, condo, semi) | \$1,125/dwelling unit up to 1500ft ² \$0.66 for buildings with a floor area over 1500ft ² Minimum fee: \$1125 |
| | Residential – Major alterations, additions of > 50 percent increase | \$1,125/dwelling unit up to 1500ft ² \$0.66 for buildings with a floor area over 1500ft ² Minimum fee: \$1125 |
| | Group ‘C’ – Basement Finishes | \$200.00 up to 600 ft ² , 0.33/ ft ² for application with a floor area over 600 ft ² . Minimum fee: \$200.00 |
| | Garage, carport, accessory building, deck, porch, minor alterations, additions, retrofits, wood stoves, temporary buildings, standalone plumbing and other permits ie. change of use, conditional, pool | \$200 up to 300 ft ² or \$200/permit flat fee for other types of permits. \$0.66/ft ² for buildings or structures with a floor area over 300ft ² . Minimum fee \$200 |
| | Group ‘C’ - Inflatable Pools which require Permits as per Building By-law | Flat fee of \$100.00 |
| Group A, B, D, E & F | New Construction | \$1,700 up to 2500 ft ² . \$0.70/ft ² for buildings with a floor area over 2500ft ² . Minimum fee \$1700 |
| Group A, B, D, E, & F | Major Alterations and additions (> \$10,000.00 construction value) | \$1,700 up to 2500 ft ² . \$0.70/ft ² for buildings with a floor area over 2500ft ² . Minimum fee \$1700 |
| Farm Buildings | New Construction, major alterations and additions >600 m ² (ex. intensive livestock, engineered buildings) | \$1,400.00 up to 10,000 ft ² , \$0.14/ ft ² for buildings with a floor area over 10,000 ft ² . Minimum Fee \$1,400.00 |
| | Minor additions (<600 m ²), alterations accessory buildings, hobby farms (ex. pole frame/stud wall drive sheds/coveralls) | \$300.00 up to 2,500 ft ² , \$0.12/ ft ² for buildings with a floor area over 2,500ft ² . Minimum Fee \$300.00 |
| Group A, B, D, E & F | Minor additions (<600 m ²), alterations, retrofit, interior finishes, mechanical stand alone | \$700 up to 2500 ft ² . \$0.28/ft ² for buildings with a floor area over 2500ft ² . Minimum fee \$700 |
| | Septic Systems | \$200 flat fee – minor repair \$600 flat fee – small system \$1000 flat fee – large system |
| | Communication tower/facility, silo, solar panels | \$500 |
| | Non-residential-demolition permits | \$400 |
| | Wind Turbines (per turbine) | 1-10 \$15,000 |

| | | |
|--|--|--|
| | | 11-20 \$10,000 21-30 \$7,500 Greater than 31 \$5,000 |
| | Residential demolition permits | \$200 |
| | Security deposit in residential "R" zones (assumed subdivisions) | \$2,000 |
| | Moving buildings in Township | \$75 plus direct cost (\$5,000 deposit) |
| | Roadside sign permit | \$100 |
| | Municipal address sign with post | \$50 (sign \$30, post \$20) |
| | Conditional building permit (administration charge only residential) | \$300 |
| | Building re-inspections | \$70 per inspection (after two original inspections) |
| Plumbing | | |
| Permit & Inspection | Water connection | \$50.00 |
| | Sanitary building sewer connection | \$50.00 |
| | Storm building sewer connection | \$50.00 |
| | | |
| Meters & Valves | Standard Meter | \$500 |
| | Non-standard Meter | At cost |
| | Pressure reducing valve | \$85.00 |
| | Backflow preventor | \$70.00 |
| | Water meter repair/installation charge | \$75.00 |
| | Plumbing re-inspections | \$70.00 per inspection (after two original inspections) |
| Private Sewage Disposal Systems | | |
| | Change of use | \$75.00 |
| | Demolition | \$75.00 |
| | Transfer of permit (prior to expiry – 6 months from issuance) | \$75.00 |
| | Renewal of permit (prior to expiry – 6 months from issuance) | \$75.00 |
| | Report for subdivision application | \$100.00 |
| | Report for consent applications | \$100.00 |
| | Report for minor variance application | \$100.00 |
| | Report for zoning by-law amendment application | \$100.00 |
| | Report for site plan applications | \$100.00 |
| | File search, performance review report | \$75.00 |

| Public Works | | |
|--|---------------------------------------|--|
| | Entrance culvert | Charged out at actual cost to Township |
| | New Water Service Fee | \$100.00 |
| | New Water Service Deposit | \$1,000.00 |
| | New Sanitary Service Fee | \$50.00 |
| | New Sanitary Service Deposit | \$1,000.00 |
| | New Storm Service Fee | \$50.00 |
| | New Storm Service Deposit | \$1,000.00 |
| | New Services Road Restoration Deposit | \$2,000.00 |
| | Encroachment/Entrance Permit | \$75.00 |
| Tile Drain Loan | Administration & Inspection | \$100.00 |
| Noxious Weeds | Municipal authorized weeds cutting | \$10.00 plus cutting cost |
| Water & Sewer Rates | | |
| | Bulk Water | \$2.00 per cubic meter |
| Residential, Rural and Commercial Water Rates and Charges | | |
| | Lucan/Granton Water Flat Charge | \$15.32/month |
| | Lucan/Granton Water Usage Charge | \$0.643/cubic meter |
| Residential, Rural and Commercial Sewer Rates and Charges | | |
| | Lucan/Granton Sewer Flat Charge | \$26.82/month |
| | Lucan/Granton Sewer Usage Charge | \$0.686/cubic meter |
| Residential, Rural and Commercial Miscellaneous Water Rates | | |
| | Lucan/Granton 2 Unit Flat Charge | \$16.27/month |
| | Lucan/Granton 3 Unit Flat Charge | \$17.25/month |
| | Lucan/Granton 4 Unit Flat Charge | \$22.98/month |
| | Lucan/Granton 5 Unit Flat Charge | \$28.73/month |
| | Lucan/Granton 8 Unit Flat Charge | \$45.97/month |
| | Lucan/Granton 12 Unit Flat Charge | \$68.96/month |
| | Lucan/Granton 28 Unit Flat Charge | \$160.89/month |
| | Lucan/Granton 32 Unit Flat Charge | \$183.88/month |
| Residential, Rural and Commercial Miscellaneous Sewer Rates | | |
| | Lucan/Granton 2 Unit Flat Charge | \$28.27/Month |
| | Lucan/Granton 3 Unit Flat Charge | \$29.70/Month |
| | Lucan/Granton 4 Unit Flat Charge | \$39.62/Month |
| | Lucan/Granton 5 Unit Flat Charge | \$49.53/Month |
| | Lucan/Granton 8 Unit Flat Charge | \$79.22/Month |
| | Lucan/.Granton 12 Unit Flat Charge | \$118.85/Month |
| | Lucan/Granton 28 Unit Flat Charge | \$277.33/Month |
| | Lucan/Granton 32 Unit Flat Charge | \$316.94/Month |
| Residential, Rural and Commercial Water Capital Levy | | |
| | Lucan/Granton 2 Unit Flat Charge | \$15.00/month |
| | Lucan/Granton 3 Unit Flat Charge | \$15.00/month |
| | Lucan/Granton 4 Unit Flat Charge | \$15.00/month |
| | Lucan/Granton 5 Unit Flat Charge | \$15.00/month |
| | Lucan/Granton 8 Unit Flat Charge | \$15.00/month |
| | Lucan/Granton 12 Unit Flat Charge | \$15.00/month |
| | Lucan/Granton 28 Unit Flat Charge | \$15.00/month |
| | Lucan/Granton 32 Unit Flat Charge | \$15.00/month |
| | Lucan/Granton Residential | \$15.00/month |
| Residential, Rural and Commercial Wastewater Capital Levy | | |
| | Lucan/Granton 2 Unit Flat Charge | \$20.00/month |
| | Lucan/Granton 3 Unit Flat Charge | \$20.00/month |
| | Lucan/Granton 4 Unit Flat Charge | \$20.00/month |
| | Lucan/Granton 5 Unit Flat Charge | \$20.00/month |
| | Lucan/Granton 8 Unit Flat Charge | \$20.00/month |
| | Lucan/Granton 12 Unit Flat Charge | \$20.00/month |
| | Lucan/Granton 28 Unit Flat Charge | \$20.00/month |
| | Lucan/Granton 32 Unit Flat Charge | \$20.00/month |
| | Lucan/Granton Residential | \$20.00/month |

| Planning & Development | | |
|-----------------------------------|--|---|
| | Official Plan Amendment | \$2,000.00 |
| | Zoning By-law Amendment | \$1,500.00 |
| | Consent Application • Each additional consent application on the same lot | \$1,500.00 \$500.00 |
| | Cash-in-lieu of parkland dedication per new residential lot created by consent | \$1,500.00 |
| | Cash-in-lieu of parkland dedication per new non-residential lot created by consent | \$1,000.00 |
| | Cash-in-lieu of parkland dedication for residential draft plan of subdivision | 5% of the appraised value of the land the day before draft plan approval is granted |
| | Cash-in-lieu of parkland dedication for non-residential draft plan of subdivision | 2% of the appraised value of the land the day before draft plan approval is granted |
| | Minor Variance Application | \$1,000.00 |
| | Removal of Holding Symbol | \$200.00 |
| | Site Plan Control Application | \$1,000.00 |
| | Part Lot Control Exemption | \$1,000.00 |
| | Draft Plan of Subdivision and Draft Plan of Condominium review | \$2,500.00 |
| | Deeming Bylaw | \$500.00 |
| | Zoning/Work Orders Certificate | \$75.00 |
| Development Charges | | |
| Lucan | Single, semi detached & duplexes (per unit) | \$6,987.00 |
| | Apartments – 2 bedrooms + | \$4,913.00 |
| | Apartments – bachelor & 1 bedroom | \$3,002.00 |
| | Other multiples | \$5,733.00 |
| | Non-residential (per sqft of gross flr area) | \$0 |
| Granton | Single, semi detached & duplexes (per unit) | \$5,450.00 |
| | Apartments – 2 bedrooms + | \$3,833.00 |
| | Apartments – bachelor & 1 bedroom | \$2,342.00 |
| | Other multiples | \$4,471.00 |
| | Non-residential (per sqft of gross flr area) | \$0 |
| Rural Area | Single, semi detached & duplexes (per unit) | \$2,048.00 |
| | Apartments – 2 bedrooms + | \$1,441.00 |
| | Apartments – bachelor & 1 bedroom | \$880.00 |
| | Other multiples | \$1,681.00 |
| | Non-residential (per sqft of gross flr area) | \$0 |

| Fire & Emergency Services | |
|--|--|
| For attending the scene of a MVC; a) Involving dangerous goods (as defined under the Dangerous Goods Act) and/or vehicle with a gross weight over 11,000kg. or b) Where the fire department provided extrication, fire suppression, stand-by/fire prevention, assisted OPP with traffic control, spill mitigation or site clean-up services. | Current MTO rate per hour per vehicle plus personnel costs plus any additional costs for each and every call. Current MTO rate per hour per vehicle plus personnel costs plus any additional costs for each and every call. |
| For response to incidents involving the release, or potential release, of dangerous goods (not covered under above) | Current MTO rate per hour per vehicle plus personnel costs plus any additional costs for each and every call. |
| For fire department response fees/indemnification Technology. | Refer to Bylaw 68-2019 |
| For responding to false alarms from an automatic alarm system; a) First false alarm in any 12 month period b) Second false alarm in any 12 month period c) Third and subsequent false alarms in any 12 month period | a) Nil b) Warning letter c) Current MTO rate per occurrence |
| For responding to an open air burn by-law violation as outlined in the Township by-law | Current MTO rate per hour per vehicle plus personnel costs plus any additional costs for each and every call. |
| For attending an incident at a property where no locate was obtained or where requirements of the locate had not been followed. | Current MTO rate per hour per vehicle plus personnel costs plus any additional costs for each and every call. |
| For providing a Fire Watch on a premises as required under the Ontario Fire Code. | Current MTO rate per hour per vehicle plus personnel costs plus any additional costs for each and every call. |
| For repair or replacement of any fire department or municipal items consumed, dispensed, damaged or destroyed during the course of incidents in the above noted. | Cost plus \$25 for repair or replacement of items valued at under \$500 each. Cost plus 15% for all items valued at over \$500 each. |
| For recovery of costs invoiced to the fire department or municipality for any goods or services provided during the course of incidents noted above. | Cost plus \$25 for repair or replacement of items valued at under \$500 each. Cost plus 15% for all items valued at over \$500 each. |
| SCBA Cylinder Refills | \$10 per cylinder |
| Request for fire incident report from a non-government agency. | \$101 per report |
| Non-Emergency Services | |
| Inspection – Residential and Ontario Building Code Group C Occupancies a) Residential single unit dwelling b) Residential multi-unit dwelling c) Follow up meetings or inspections | a) \$101.00 b) \$126 plus \$25 per unit c) \$25 per half hour or part thereof |
| Inspection – Ontario Building Code Group B, D, E, and F Occupancies a) Up to 10,000 square feet b) Every additional 2,500 c) Follow up meetings or inspections | a) \$125 b) \$25 c) \$25 per half hour or part thereof |
| Inspection – Tent or Marque Where Fire Code Inspection is required or requested. | \$126 |

| | |
|---|--|
| Plans Review Review of Construction Plans | \$25 per half hour or part thereof |
| Fire Safety Plan a) Request to review a fire safety plan b) Request to review a fire safety plan and provide response | a) Nil b) \$101 |
| Propane Risk & Safety Management Plan (RSMP) Review | \$25 per half hour or part thereof |
| Fire Drill Attendance a) Attend b) Attend and provide written response | a) Nil b) \$51 |
| Other services required For recovery of costs invoiced to the fire department or municipality for any goods or services provided for fire inspection or prevention services. | Costs plus \$25 for invoices under \$500 and cost plus %15 for invoices over \$500 |
| Request for fire inspection report(s) from a non-governmental agency | \$126 |

| | | |
|-------------------------------|---------------------------------------|------------------|
| Parks & Recreation | | |
| Ice Rates | Prime/Summer | \$171.68 + HST |
| | Daytime | \$99.12 + HST |
| | Ticket Ice (1-4 ppl) | \$54.87 + HST |
| | Floor | \$61.95 + HST |
| | | |
| Main Hall | Fri-Sat (Up to 450 ppl) | \$504.42 + HST |
| | Fri-Sat (Over 450 ppl & festival) | \$637.17 + HST |
| | Sun-Thurs | \$340.71 + HST |
| | Hourly Rate (min. 3hrs) | \$70.80 + HST |
| | Funeral Lunch | \$137.17 + HST |
| | Gym Only – Adults per hour | \$53.10 + HST |
| | Gym Only – Youth (under 18) per hour | \$38.93 + HST |
| | Kitchen – hourly rate | \$26.55 + HST |
| | Kitchen – full day | \$106.19 + HST |
| | Hall Hold (maximum one day) | \$137.17 + HST |
| | | |
| Active Living Centre | Full Day Rate | \$243.36 + HST |
| | Hourly Rate | \$54.87 + HST |
| | | |
| Pool | Public Swim – Adult | \$5.00 |
| | Public Swim – Youth/Senior | \$4.00 |
| | Pool Rental per hour | \$74.34 + HST |
| | Swim Membership – Individual | \$66.37 + HST |
| | Family Membership (2 Adults, 3 Youth) | \$145.13 + HST |
| | Swim Lessons | \$65.49 + HST |
| | JR. Swim Team | \$76.11 + HST |
| | SR. Swim Team | 97.35 + HST |
| | Bronze Cross/Medallion | \$169.91 + HST |
| | Work Book | \$28.32 + HST |
| | | |
| Parks | Minor Ball/Season | \$3,008.85 + HST |
| | Soccer | \$3,539.82 + HST |
| | Adult/Season | \$477.88 + HST |
| | Per Game Rate | \$48.67 + HST |
| | Tournament – 3 Day | \$433.63 + HST |
| | Tournament – 2 Day | \$309.73 + HST |
| | Granton Pavilion (kitchen) | \$79.65 + HST |
| | Pavilions (Market/Elm) | \$53.10 + HST |
| | | |
| Advertising | Rink Board 4x8 | \$380.53 + HST |
| | Zamboni (Contracted) | \$2,200.59 + HST |
| | Ice Logo | \$530.97 + HST |
| | Baseball Diamond 4x8 | \$176.99 + HST |
| | Snap Frame | \$46.18 + HST |

Township of Lucan Biddulph

BY-LAW NO. 15-2020

Being a by-law to confirm proceedings of the Council of The Corporation of the Township of Lucan Biddulph

WHEREAS under Section 5(1) of the *Municipal Act, 2001, S.O. 2001 c. 25*, the powers of a municipality shall be exercised by its council.

AND WHEREAS under Sub-Section 3 of Section 5 of the *Municipal Act, 2001, S.O. 2001 c. 25*, the powers of every Council of a municipality shall be exercised by by-law.

AND WHEREAS it is deemed expedient that the proceedings of The Council of the Corporation of the Township of Lucan Biddulph at the April 7, 2020 meeting be confirmed and adopted by By-law.

THEREFORE the Council of the Corporation of the Township of Lucan Biddulph enacts as follows:

1. That the action of the Council of the Corporation of the Township of Lucan Biddulph in respect of all motions and resolutions and all other action passed and taken by the Council of the Corporation of the Township of Lucan Biddulph, documents and transactions entered into during the April 7, 2020 meeting of Council, are hereby adopted and confirmed, as if the same were expressly included in this By-law.
2. That the Mayor and proper officials of The Corporation of the Township of Lucan Biddulph are hereby authorized and directed to do all things necessary to give effect to the action of the Council of the Corporation of the Township of Lucan Biddulph during the said April 7, 2020 meeting referred to in Section 1 of this By-law.
3. That the Mayor and the Clerk are hereby authorized and directed to execute all documents necessary to the action taken by this Council as described in Section 1 of this By-law and to affix the Corporate Seal of the Corporation of the Township of Lucan Biddulph to all documents referred to in said Section 1.

Read a FIRST, SECOND and THIRD time and FINALLY PASSED
April 7, 2020.

MAYOR

CLERK